

PAKISTAN
FERTILIZER STATISTICS
(2012-13 to 2022-23)

GOVERNMENT OF PAKISTAN
MINISTRY OF NATIONAL FOOD SECURITY AND RESEARCH
NATIONAL FERTILIZER DEVELOPMENT CENTRE
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(2012-13 to 2022-23)

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FOREWORD

Fertilizer is a costly crop production input and has vital role in feeding burgeoning world population. Fertilizer related statistics are of interest to agriculture sector, fertilizer industry and international organizations. National Fertilizer Development Centre (NFDC), a technical section of Ministry of National Food Security & Research compiles “Pakistan Fertilizer Statistics” containing data on fertilizer and agriculture. This voluminous publication covers fertilizer production, import, export, offtake and price trends during last 10 to 15 years. Fertilizer use and crop yields in different countries and regions of the world, are also included in this bulletin.

The data contained in this publication is based on information provided by relevant government organizations and fertilizer industry. The information pertaining to fertilizer use at global level is obtained from FAO database and IFA publications. Cooperation of all these organizations in finalizing the statistics is deeply acknowledged.

The efforts of NFDC staff led by Dr. Saleem Mohsan Chief, deserve appreciation. Dr. Muhammad Islam, Assistant Chief compiled relevant data for the draft. Dr. Ahmad Ali Khan, Assistant Chief proof read the manuscript. Others who contributed to the preparation of the bulletin includes Dr. Saeed Akhtar, Deputy Chief, Mr. Babar Ali Qureshi, Assistant Chief and Dr. Yasir Mehmood and Mr. Ghulam Hussain, Research Officers. Mr. Sibghat Ullah, Data Entry Operator composed the document. Their hard work and dedication in analysis of data for this voluminous report is commendable.

Any suggestions for improving the future editions of this statistical publication are most welcome.

(Dr. Muhammad Fakhare Alam Irfan)
Secretary
Ministry of National Food Security and Research

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Agriculture

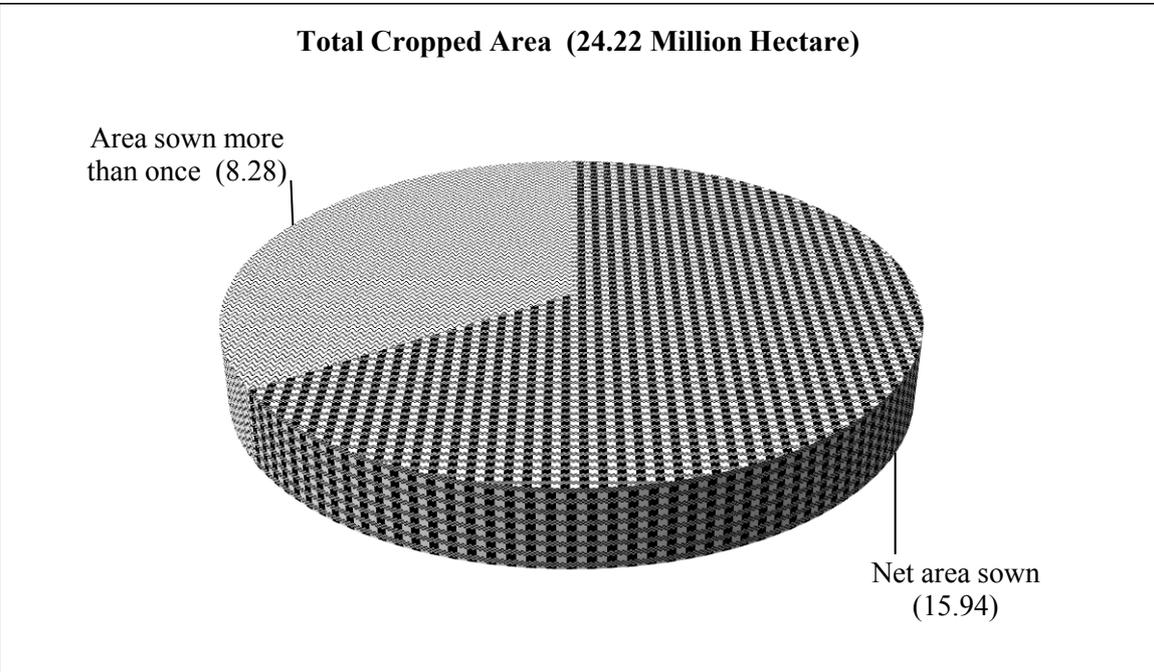
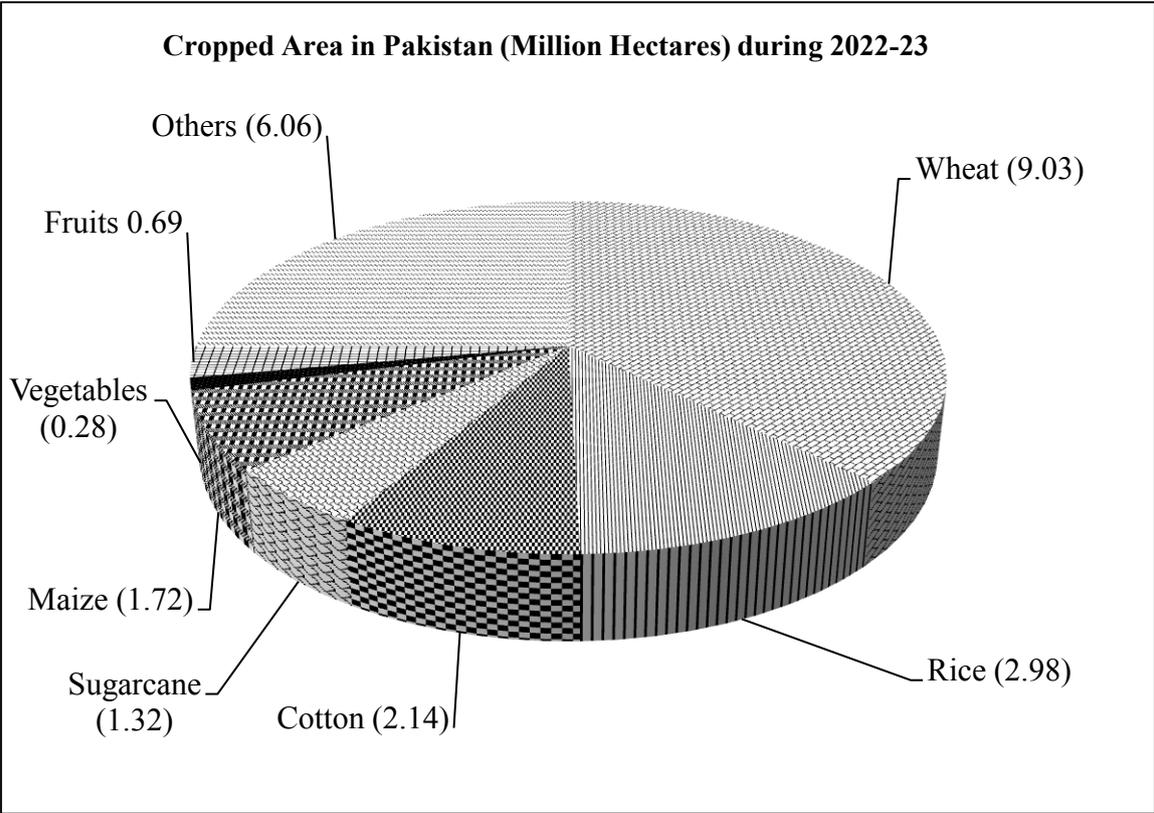


Fig 1. Cropped area in Pakistan during 2022-23

- Note:*
1. *Figures in parenthesis are in million hectares.*
 2. *Cropped area = Net area sown + area sown more than once*
 3. *Others include millet, oilseeds, tobacco, pulses, potato, fodders etc.*

Table 1.1 Land Utilization in Pakistan

(Million hectares)

Year	Cultivated Area	Current Fallow	Net Area Sown	Area Sown More Than Once	Total Cropped Area
Punjab (Geographical Area 20.63)					
2016-17	12.60	1.98	10.62	5.87	16.49
2017-18	12.64	1.87	10.77	6.16	16.93
2018-19	12.60	1.93	10.67	6.01	16.68
2019-20	12.58	1.83	10.76	6.85	17.60
2020-21	12.45	1.70	10.75	6.70	17.45
2021-22 (R)	12.45	1.70	10.75	6.70	17.45
2022-23 (R)	12.45	1.70	10.75	6.70	17.45
Sindh (Geographical Area 14.09)					
2016-17	8.13	5.51	2.62	0.98	3.60
2017-18	8.13	5.51	2.62	0.98	3.60
2018-19	8.13	5.51	2.62	0.98	3.60
2019-20	8.13	5.51	2.62	0.98	3.60
2020-21	4.80	2.30	2.50	0.96	3.46
2021-22	5.04	2.37	2.67	0.99	3.66
2022-23 (R)	5.04	2.37	2.67	0.99	3.66
KP (Geographical Area 10.17)					
2016-17	1.86	0.57	1.29	0.60	1.89
2017-18	1.86	0.57	1.29	0.60	1.89
2018-19	1.83	0.57	1.26	0.60	1.86
2019-20	1.87	0.59	1.28	0.55	1.83
2020-21	1.87	0.59	1.28	0.55	1.83
2021-22	1.82	0.64	1.18	0.60	1.78
2022-23	1.82	0.67	1.15	0.58	1.73
Balochistan (Geographical Area 34.72)					
2016-17	2.51	1.45	1.06	0.01	1.07
2017-18	2.51	1.45	1.06	0.01	1.07
2018-19	2.51	1.45	1.06	0.01	1.07
2019-20	3.25	2.17	1.08	0.01	1.06
2020-21	3.25	2.17	1.08	0.01	1.09
2021-22 (R)	3.25	2.17	1.08	0.01	1.09
2022-23	2.96	1.59	1.37	0.01	1.37
Pakistan (Geographical Area 79.61)					
2016-17	25.10	9.51	15.59	7.46	23.05
2017-18	25.14	9.40	15.74	7.75	23.49
2018-19	25.07	9.46	15.61	7.60	23.21
2019-20	25.83	10.10	15.74	8.38	24.09
2020-21	22.37	6.76	15.61	8.22	23.83
2021-22	22.56	6.88	15.68	8.30	23.98
2022-23	22.27	6.33	15.94	8.28	24.22

R = Repeated

Source: Ministry of National Food Security & Research, Islamabad.

Note: Cultivated Area = Net Area Sown+ Current Fallow.

Cropped Area = Net Area Sown+ Area Sown More Than Once

Table 1.2 Area, Production and Yield of Various Crops**WHEAT**

('000 ha,'000 tonnes, kg/ha)

Year	Wheat Irrigated			Wheat Barani			All Wheat		
	Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Yield
Punjab									
2016-17	6,070	19,753	3,254	590	714	1,210	6,660	20,466	3,073
2017-18	6,006	18,498	3,080	554	680	1,228	6,560	19,179	2,924
2018-19	5,951	17,568	2,952	545	809	1,485	6,496	18,377	2,829
2019-20	5,784	18,263	3,158	731	1,139	1,558	6,515	19,402	2,978
2020-21	6,000	19,694	3,282	746	1,206	1,617	6,746	20,900	3,098
2021-22	5,883	18,886	3,210	677	1,146	1,693	6,560	20,032	3,054
2022-23	5,793	19,965	3,446	688	1,260	1,831	6,481	21,225	3,275
Sindh									
2016-17	1,130	3,832	3,392	39	78	1,980	1,170	3,910	3,340
2017-18	1,051	3,564	3,392	39	75	1,943	1,090	3,640	3,339
2018-19	1,023	3,717	3,634	29	62	2,124	1,052	3,779	3,592
2019-20	1,102	3,781	3,432	33	68	2,079	1,134	3,848	3,393
2020-21	1,166	3,950	3,388	36	93	2,559	1,202	4,043	3,362
2021-22	1,156	3,508	3,034	25	49	1,926	1,182	3,557	3,010
2022-23	1,213	3,890	3,207	25	50	2,000	1,238	3,940	3,182
KP									
2016-17	362	793	2,190	387	572	1,478	749	1,365	1,822
2017-18	360	755	2,094	393	568	1,446	753	1,323	1,756
2018-19	364	771	2,122	393	556	1,414	757	1,328	1,774
2019-20	337	641	1,903	391	490	1,253	727	1,130	1,554
2020-21	376	858	2,280	385	504	1,306	762	1,362	1,787
2021-22	374	900	2,407	387	463	1,197	761	1,363	1,792
2022-23	368	938	2,550	403	541	1,345	770	1,479	1,920
Balochistan									
2016-17	385	920	2,340	9	12	1,333	395	932	2,359
2017-18	385	925	2,401	9	10	1,118	395	935	2,371
2018-19	385	860	2,232	9	6	598	395	865	2,194
2019-20	407	847	2,081	21	21	990	428	867	2,027
2020-21	432	1,131	2,618	26	29	1,088	458	1,159	2,531
2021-22	462	1,243	2,689	13	14	1,129	475	1,257	2,648
2022-23	514	1,482	2,886	30	34	1,133	544	1,516	2,789
Pakistan									
2016-17	7,948	25,298	3,183	1,025	1,375	1,341	8,973	26,674	2,973
2017-18	7,802	23,742	3,043	995	1,334	1,341	8,797	25,076	2,851
2018-19	7,723	22,916	2,967	977	1,433	1,467	8,699	24,349	2,799
2019-20	7,630	23,531	3,084	1,175	1,717	1,461	8,805	25,248	2,868
2020-21	7,974	25,633	3,215	1,194	1,831	1,534	9,169	27,464	2,996
2021-22	7,875	24,537	3,116	1,102	1,672	1,517	8,977	26,209	2,920
2022-23	7,888	26,275	3,331	1,210	1,885	1,558	9,033	28,161	3,118

Source: Ministry of National Food Security and Research, Islamabad.

Table 1.3 Area, Production and Yield of Various Crops

RICE

(‘000 ha, ‘000 tonnes, kg/ha)

Year	Rice Basmati			Rice IRRI			Rice Others			Rice Total		
	Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Yield
Punjab												
2016-17	1,353	2,524	1,866	145	392	2,696	238	559	2,344	1,737	3,475	2,001
2017-18	1,416	2,817	1,989	135	363	2,689	290	719	2,482	1,841	3,899	2,117
2018-19	1,473	2,949	2,002	134	351	2,630	297	679	2,282	1,904	3,979	2,090
2019-20	1,662	3,244	1,952	0	0	0	367	900	2,451	2,029	4,144	2,042
2020-21	1,872	4,014	2,145	0	0	0	523	1,287	2,461	2,395	5,301	2,214
2021-22	1,772	3,650	2,060	0	0	0	783	2,129	2,717	2,555	5,779	2,262
2022-23	1,679	3,731	2,223	0	0	0	511	1,339	2,622	2,189	5,070	2,316
Sindh												
2016-17	51	78	1,529	333	930	2,789	366	1,654	4,517	751	2,662	3,546
2017-18	55	77	2,498	352	878	1,386	422	1,896	4,498	829	2,851	3,441
2018-19	57	79	2,906	262	761	1,376	371	1,731	4,667	690	2,571	3,725
2019-20	56	599	2,301	260	79	1,409	460	1,899	4,131	776	2,577	3,321
2020-21	97	161	3,017	226	681	1,668	387	1,574	4,071	710	2,416	3,408
2021-22	60	106	1,776	327	1,027	3,139	370	1,728	4,675	757	2,861	3,782
2022-23	36	59	1,634	236	648	2,749	332	1,305	3,936	603	2,012	3,335
KP												
2016-17	17	42	2,515	24	58	2,397	26	57	2,184	67	157	2,343
2017-18	15	39	2,545	22	54	2,545	24	54	2,258	62	148	2,395
2018-19	0	0	0	0	0	0	62	154	2,469	62	154	2,469
2019-20	0	0	0	0	0	0	0	0	0	65	159	2,442
2020-21	0	0	0	0	0	0	0	0	0	65	159	2,442
2021-22	3	6	1,908	15	37	2,554	46	114	2,457	64	158	2,452
2022-23	3	6	1,845	2	4	1,979	51	127	2,476	57	137	2,423
Balochistan												
2016-17	33	95	2,870	137	458	3,351	1	2	1,875	171	555	3,250
2017-18	33	95	2,870	136	457	3,364	1	2	2,125	170	554	3,263
2018-19	36	103	2,867	117	393	3,372	1	2	1,800	154	498	3,243
2019-20	33	95	2,876	130	439	3,365	1	2	1,929	164	536	3,259
2020-21	36	105	2,917	130	437	3,364	1	2	1,930	167	544	3,252
2021-22	35	101	2,883	125	422	3,364	1	2	1,930	161	525	3,251
2022-23	28	18	664	99	83	847	1	1	1,843	127	103	813
Pakistan												
2016-17	1,454	2,740	1,885	640	1,837	2,873	631	2,271	3,597	2,725	6,848	2,513
2017-18	1,519	3,028	2,108	645	1,752	2,719	736	2,671	3,628	2,901	7,450	2,569
2018-19	1,566	3,131	1,999	512	1,506	2,940	732	2,566	3,507	2,810	7,202	2,563
2019-20	1,751	3,938	2,014	390	517	2,777	828	2,801	3,384	3,034	7,414	2,444
2020-21	2,005	4,280	2,250	356	1,118	2,640	911	2,863	3,144	3,335	8,419	2,524
2021-22	1,870	3,863	2,066	467	1,486	3,182	1,201	3,973	3,308	3,537	9,323	2,636
2022-23	1,745	3,814	2,185	337	736	2,187	894	2,772	3,100	2,976	7,322	2,460

Source: Ministry of National Food Security and Research, Islamabad

Table 1.4 Area, Production and Yield of Various Crops

COTTON

('000 ha,'000 bales, kg/ha)

Year	Cotton Upland			Cotton Desi			All Cotton		
	Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Yield
Punjab									
2016-17	1,792	6,945	659	24	33	237	1,815	6,978	654
2017-18	2,032	8,047	674	21	30	243	2,053	8,077	669
2018-19	1,871	6,802	618	17	24	240	1,888	6,826	615
2019-20	1,863	6,282	574	17	25	251	1,880	6,306	574
2020-21	1,537	5,030	557	9	14	265	1,546	5,044	555
2021-22	1,273	5,158	689	6	10	284	1,279	5,158	686
2022-23	1,481	3,203	368	4	7	298	1485	3,210	368
Sindh									
2016-17	635	3,594	963	2	3	246	637	3,597	961
2017-18	611	3,774	1,051	1	2	357	612	3,776	1050
2018-19	448	2,933	1,115	1	2	595	448	2,936	1114
2019-20	592	2,727	784	7	18	464	599	2,746	784
2020-21	471	1,855	670	4	7	285	475	1,862	667
2021-22	593	2,997	859	1	1	267	594	2,997	859
2022-23	589	1,586	458	0.4	0.4	159	590	1,586	458
KP									
2016-17	0.2	0.6	510	0	0	0	0.2	0.6	510
2017-18	0.2	0.5	425	0	0	0	0.2	0.5	425
2018-19	0.2	0.5	425	0	0	0	0.2	0.5	425
2019-20	0.2	0.6	517	0	0	0	0.2	0.6	517
2020-21	0.1	0.3	521	0	0	0	0.1	0.3	521
2021-22	0.2	0.5	522	0	0	0	0.2	0.5	522
2022-23	0.2	0.5	520	0	0	0	0.2	0.5	520
Balochistan									
2016-17	37	37	170	0	0	0	37	37	170
2017-18	36	37	176	0	0	0	36	37	176
2018-19	37	99	456	0	0	0	37	99	456
2019-20	39	96	422	0	0	0	39	96	422
2020-21	58	158	465	0	0	0	58	158	465
2021-22	64	162	432	0	0	0	64	162	432
2022-23	69	113	280	0	0	0	69	113	280
Pakistan									
2016-17	2,463	10,576	730	26	36	238	2,489	10,612	725
2017-18	2,678	11,858	753	22	32	249	2,700	11,891	749
2018-19	2,355	9,835	710	18	26	252	2,373	9,861	707
2019-20	2,494	9,105	621	23	43	318	2,517	9,148	618
2020-21	2,066	7,043	580	13	21	275	2,079	7,064	578
2021-22	1,930	8,318	733	7	11	279	1,937	8,329	731
2022-23	2,139	4,902	390	4	7	285	2,143	4,910	390

Bale=375 lbs=170.1 kg.

Source: Ministry of National Food Security and Research, Islamabad

Table 1.5 Area, Production and Yield of Various Crops

OTHER CROPS

(*000 ha, *000 tonnes, kg/ha)

Year	Sugarcane			Maize			All Pulses*		All Fruits	
	Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Area	Prod.
Punjab										
2016-17	778	49,613	63,800	868	5,237	6,032	1,078	400	347	4,117
2017-18	859	55,068	64,100	770	5,028	6,527	1,072	389	371	4,592
2018-19	711	44,906	63,200	900	5,916	6,575	1,034	628	345	4,390
2019-20	643	43,347	67,400	945	6,995	7,401	1,015	550	321	4,676
2020-21	777	57,001	73,400	949	8,040	8,476	1,012	362	295	4,746
2021-22	869	64,245	73,900	1185	8,629	7,280	1,060	504	294	4,612
2022-23	938	66,932	71,400	1244	10,055	8,083	942	299	303	4,354
Sindh										
2016-17	321	20,209	63,100	3.6	3.6	1,000	44	34	151	884
2017-18	333	20,612	61,800	3.6	3.6	1,000	24	21	152	970
2018-19	280	16,691	59,700	3.5	3.5	1,000	24	21	150	780
2019-20	286	17,234	60,200	3.9	4.0	1,026	55	41	154	821
2020-21	280	18,336	65,600	4.2	4.2	1,014	73	49	157	889
2021-22	295	19,461	65,900	4.3	4.4	1,028	83	53	157	959
2022-23	289	16,172	55,900	3.1	3.1	1,027	77	48	162	988
KP										
2016-17	119	5,629	47,500	473	890	1,880	47	26	45	408
2017-18	149	7,610	51,200	475	867	1,827	40	21	45	384
2018-19	111	5,532	49,800	468	905	1,933	43	22	44	338
2019-20	109	5,754	52,600	453	882	1,948	47	24	45	393
2020-21	107	5,628	52,400	461	891	1,934	36	20	41	343
2021-22	95	4,910	51,600	458	887	1,934	30	17	39	335
2022-23	91	4,844	53,400	468	924	1,972	38	22	37	323
Balochistan										
2016-17	0.7	32	45,100	3.2	3.4	1,063	59	46	212	1,111
2017-18	0.9	43	48,200	2.9	3.0	1,035	59	47	212	1,103
2018-19	0.9	44	49,200	2.8	2.8	1000	50	42	211	1,012
2019-20	0.9	45	50,200	2.8	2.7	1,008	62	48	187	1,182
2020-21	0.9	46	50,300	4.4	4.6	1,053	69	54	186	1,336
2021-22	0.7	35	50,100	4.5	4.8	1,077	69	54	186	1,791
2022-23	0.7	33	47,800	4.5	3.2	704	76	51	186	1,327
Pakistan										
2016-17	1,218	75,482	62,000	1,348	6,134	4,549	1,228	506	755	6,520
2017-18	1,342	83,333	62,100	1,251	5,902	4,716	1,195	478	780	7,048
2018-19	1,102	67,174	61,000	1,374	6,826	4,968	1,150	714	750	6,520
2019-20	1,040	66,380	63,800	1,404	7,883	5,614	1,178	663	707	7,072
2020-21	1,165	81,011	69,500	1,418	8,940	6,305	1,191	485	679	7,313
2021-22	1,260	88,651	70,300	1,653	9,525	5,764	1,241	627	677	7,696
2022-23	1,319	87,981	66,700	1,720	10,985	6,386	1,134	420	688	6,992

*Pulses include Gram, Mung, Mash, Masoor, Mattar, Other Kharif Pulses, Other Rabi Pulses.

Source: Ministry of National Food Security and Research, Islamabad

Table 1.6 (a) Number and Area of Farms by Tenure and Size in 2010

(Number in 000)
(Area in 000 acres)

Size of Farm (Acres)	Punjab		Sindh		KP		Balochistan		Pakistan	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
Owner Farms										
Total farms	4324.7	20602.4	784.1	7829.6	1339.6	4347.9	295.6	6652.0	6744.0	39432.0
Under 2.5	1998.6	2319.5	230.1	327.9	885.9	838.8	69.5	100.8	3184.2	3587.0
2.5 to 5.0	944.5	3206.4	171.8	603.8	223.5	751.0	49.3	173.5	1389.1	4734.8
5.0 to 12.5	1065.5	7796.9	218.4	1658.2	175.3	1260.0	92.8	727.6	1552.0	11442.7
12.5 to 25.0	238.7	3844.2	83.5	1531.3	36.5	612.4	40.3	691.9	398.9	6679.7
25.0 to 50.0	58.7	1789.4	57.4	1873.6	13.2	411.9	22.6	742.7	151.9	4817.6
Above 50.0	18.8	1646.0	22.9	1834.8	5.2	473.8	21.1	4215.5	68.0	8170.2
Owner-cum-Tenant Farms										
Total Farms	452.3	5368.4	45.1	745.5	93.5	797.3	13.5	672.8	604.3	7584.1
Under 2.5	56.5	84.0	4.0	5.7	30.7	41.0	1.2	1.9	92.3	132.6
2.5 to 5.0	93.4	332.9	8.9	31.9	22.9	79.5	1.3	4.3	126.4	448.6
5.0 to 12.5	187.4	1470.0	19.4	155.4	25.8	198.2	3.3	28.0	235.9	1851.5
12.5 to 25.0	76.3	1272.3	6.4	113.6	8.8	152.3	2.2	37.0	93.7	1575.2
25.0 to 50.0	27.3	888.6	3.7	125.2	3.9	125.2	2.8	97.4	37.7	1236.4
Above 50.0	11.4	1320.7	2.6	313.7	1.4	201.1	2.8	504.3	18.3	2339.8
Tenant Farms										
Total Farms	472.8	3355.6	286.1	1293.6	106.8	424.5	50.5	820.6	916.1	5894.3
Under 2.5	148.0	199.7	113.1	180.1	56.8	72.1	2.5	3.4	320.4	455.3
2.5 to 5.0	106.5	369.2	101.6	352.6	24.8	83.0	5.6	20.9	238.5	825.8
5.0 to 12.5	159.7	1211.5	59.6	411.9	19.8	138.3	22.1	185.7	261.1	1947.4
12.5 to 25.0	44.5	696.5	7.8	139.9	3.9	65.0	12.0	205.0	68.1	1106.3
25.0 to 50.0	10.6	321.9	2.9	89.7	1.2	35.1	6.8	225.2	21.4	671.9
Above 50.0	3.5	556.7	1.2	119.5	0.4	31.1	1.6	180.3	6.6	887.6
All Farms										
Total Farms	5249.8	29326.4	1115.3	9868.8	1539.8	5569.7	359.6	8145.5	8264.5	52910.4
Under 2.5	2203.1	2603.2	347.2	513.7	973.4	951.9	73.2	106.1	3597.0	4174.9
2.5 to 5.0	1144.4	3908.5	282.2	988.4	271.2	913.5	56.2	198.7	1754.0	6009.2
5.0 to 12.5	1412.6	10478.4	297.4	2225.5	220.9	1596.5	118.1	941.3	2049.0	15241.7
12.5 to 25.0	359.4	5812.9	97.7	1784.7	49.2	829.7	54.4	933.9	560.7	9361.2
25.0 to 50.0	96.6	2999.9	64.0	2088.5	18.2	572.1	32.1	1065.3	210.9	6725.9
Above 50.0	33.7	3523.5	26.7	2268.0	7.0	706.0	25.5	4900.2	92.9	11397.6

*Note: Little difference in totals can be due to rounding off.
Agriculture Census 2020 has been delayed due to some unknown reasons.*

Source: Agricultural Census 2010, Pakistan Report, Government of Pakistan, Statistics Division, Agricultural Census Organization.

Table 1.6 (b) Percentage of Number and Area of Farms by Tenure and Size in 2010

Size of Farm (Acres)	Punjab		Sindh		KP		Balochistan		Pakistan	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
Owner Farms										
Total Farms	82	70	70	79	87	78	82	82	82	75
Under 2.5	46	11	29	4	66	19	24	2	47	9
2.5 to 5.0	22	16	22	8	17	17	17	3	21	12
5.0 to 12.5	24	38	28	21	13	29	31	11	23	29
12.5 to 25.0	6	19	11	20	3	14	14	10	6	17
25.0 to 50.0	1	9	7	24	1	9	8	11	2	12
Above 50.0	0.4	8	3	23	0.4	11	7	63	1	21
Owner-cum-Tenant Farms										
Total Farms	9	18	4	8	6	14	4	8	7	14
Under 2.5	12	2	9	1	33	5	9	0	15	2
2.5 to 5.0	21	6	20	4	24	10	10	1	21	6
5.0 to 12.5	41	27	43	21	28	25	24	4	39	24
12.5 to 25.0	17	24	14	15	9	19	16	5	16	21
25.0 to 50.0	6	17	8	17	4	16	21	14	6	16
Above 50.0	3	25	6	42	1	25	21	75	3	31
Tenant Farms										
Total Farms	9	11	26	13	7	8	14	10	11	11
Under 2.5	31	6	40	14	53	17	5	0	35	8
2.5 to 5.0	23	11	36	27	23	20	11	3	26	14
5.0 to 12.5	34	36	21	32	19	33	44	23	29	33
12.5 to 25.0	9	21	3	11	4	15	24	25	7	19
25.0 to 50.0	2	10	1	7	1	8	13	27	2	11
Above 50.0	1	17	0	9	0	7	3	22	1	15
All Farms										
Total Farms	100	100	100	100						
Under 2.5	42	9	31	5	63	17	20	1	44	8
2.5 to 5.0	22	13	25	10	18	16	16	2	21	11
5.0 to 12.5	27	36	27	23	14	29	33	12	25	29
12.5 to 25.0	7	20	9	18	3	15	15	11	7	18
25.0 to 50.0	2	10	6	21	1	10	9	13	3	13
Above 50.0	1	12	2	23	0	13	7	60	1	22

Note: Little difference in total can be due to rounding off.

Source: Agricultural Census 2010, Pakistan Report, Government of Pakistan, Statistics Division, Agricultural Census Organization.

Table 1.6 (c) Land Use Intensity by Tenure - by Province in 2010

Administrative Unit	Average Intensity of Land Use (Percent)			
	All Farms	Owner Farms	Owner-Cum-Tenant Farms	Tenant Farms
Pakistan	83	84	77	85
KP	86	90	64	86
Punjab	93	97	84	86
Sindh	79	80	65	86
Balochistan	45	40	49	79

Source: *Agricultural Census 2010, Pakistan Report, Government of Pakistan, Statistics Division, Agricultural Census Organization*

Land use intensity = Total cultivated area x100 ÷ Total culturable area.

Table 1.6 (d) Cropping Intensity by Tenure - by Province in 2010

Administrative unit	Average Intensity of Cropping (Percent)			
	All Farms	Owner Farms	Owner-Cum-Tenant Farms	Tenant Farms
Pakistan	159	159	159	160
KP	156	155	153	165
Punjab	167	167	164	168
Sindh	162	162	156	164
Balochistan	102	98	106	116

Source: *Agricultural Census 2010, Pakistan Report, Government of Pakistan, Statistics Division, Agricultural Census Organization*

Cropping intensity = Total cropped area x100 ÷ Total cultivated area.

Fertilizer Availability

**Table 2.1 Opening Stocks of Fertilizers by Products
Pakistan**

('000 tonnes)

Year	Urea	CAN	AS	SSP	DAP	NP	TSP	SOP	NPKs	MOP	MAP	Total
Kharif Season (1st April)												
2013	218.6	55.9	0.3	51.6	199.3	3.3	0	7.7	15.8	3.8	0.2	556.5
2014	384.1	62.2	2.0	46.0	99.3	26.4	0	3.3	13.1	8.3	0.2	644.9
2015	211.9	71.3	2.6	33.8	141.4	11.8	0	5.8	14.0	9.8	0.2	502.6
2016	1201. 6	325.8	2.5	18.4	280.5	167.6	0	9.0	18.4	9.1	0.2	2033.1
2017	1500. 6	355.1	2.8	31.1	85.2	88.6	0	6.2	19.1	9.9	0.2	2098.8
2018	315.7	165.1	2.8	12.7	196.1	30.0	0	9.5	22.0	12.3	0.2	766.4
2019	135.5	42.8	5.1	9.7	602.2	107.2	0	16.1	23.9	11.9	14.6	969.0
2020	590.7	52.8	15.5	7.6	499.8	92.3	0	17.6	13.8	9.4	20.6	1320.2
2021	297.7	68.0	3.0	21.7	57.7	263.1	0	3	4.5	4.3	2.4	725.2
2022	200.0	5.2	9.2	10.3	276.4	340.3	0	11.2	7.8	14.8	5.0	880.1
Rabi Season (1st October)												
2013	172.4	1.1	1.5	47.4	309.1	28.3	0	5.8	14.3	5.0	0.2	585.2
2014	180.8	25.9	2.4	55.5	434.3	9.0	0	6.2	19.6	8.0	0.2	742.0
2015	769.3	184. 6	3.4	51.3	525.2	188.5	0	10.7	18.6	13.5	0.2	1765.3
2016	1574.6	359. 3	6.2	34.8	485.2	142.2	0	8.3	26.3	11.2	0.2	2648.3
2017	796.3	287. 3	6.5	31.9	381.8	100.3	0	13.6	20.7	16.5	0.2	1655.1
2018	115.3	64.3	4.5	17.1	732.4	35.6	0	10.8	18.3	10.5	0.2	1009. 0
2019	469.7	63.0	21.0	9.4	405.1	89.3	0	25.3	13.3	7.3	11.9	1115.2
2020	473.0	72.0	30.8	6.4	297.2	172.5	0	9.6	5.1	11.3	0.2	1078.1
2021	116.1	46.7	15.5	22.0	352.7	334.4	0	13.6	6.2	15.7	2.9	925.7
2022	294.0	54.7	4.8	15.7	460.4	480.3	0	22.3	23.0	6.4	1.4	1363.0
Fiscal Year (1st July)												
2013	160.4	0.2	0.3	52.3	231.5	0.5	0	9.2	9.9	4.1	0.2	468.7
2014	484.6	10.2	1.3	56.0	238.8	6.2	0	4.8	15.4	9.9	0.2	827.5
2015	212.9	96.8	0.4	33.7	222.6	59.3	0	5.9	13.6	14.0	0.2	659.4
2016	1671.9	362. 4	5.0	28.9	390.9	105.8	0	10.0	18.8	9.7	0.2	2603.8
2017	1096.1	271. 6	1.0	30.2	322.9	49.9	0	7.5	20.9	10.9	0.2	1811.2
2018	105.3	120. 1	2.0	12.3	408.6	11.8	0	15.4	26.0	15.9	0.2	717.6
2019	177.7	48.3	6.3	13.1	504.0	76.9	0	26.2	13.4	10.5	10.6	887.0
2020	412.7	91.8	27.1	6.8	473.9	164.2	0	12.9	13.0	7.0	24.5	1233.7
2021	431.6	23.1	13.7	22.7	353.2	313.9	0	7.5	19.5	18.1	0.3	1203.6
2022	256.0	29.7	5.2	16.7	337.4	378.6	0	21.4	11.3	11.7	1.9	1070.0

Table 2.2 Opening Stocks of Fertilizers (Plant+Field) by Nutrients

(000 tonnes)

Year	Opening Stocks (On first Day)			
	N	P ₂ O ₅	K ₂ O	NPK
Kharif Season *				
2013	145.8	99.4	7.0	252.2
2014	211.5	58.1	6.6	276.3
2015	140.1	75.6	8.7	224.3
2016	725.4	176.9	11.1	913.4
2017	812.5	74.4	10.3	897.2
2018	233.1	117.7	13.9	364.7
2019	206.8	319.5	17.4	543.7
2020	391.6	259.5	16.5	667.5
2021	224.1	90.6	4.9	319.7
2022	217.3	196.4	16.0	429.7
Rabi Season **				
2013	136.5	155.8	6.2	298.4
2014	166.0	213.5	8.6	388.2
2015	538.9	300.0	14.6	853.4
2016	935.4	273.0	13.4	1221.8
2017	535.3	220.1	18.2	773.6
2018	210.8	362.8	12.9	586.5
2019	326.7	220.9	19.5	567.1
2020	336.5	178.5	12.6	527.6
2021	205.2	233.3	17.4	455.9
2022	338.1	313.9	19.0	671.0
Fiscal Year ***				
2013	109.2	113.5	6.6	229.3
2014	265.3	121.4	8.8	395.5
2015	174.7	126.8	11.6	313.1
2016	958.4	218.5	12.0	1189.0
2017	639.6	178.3	11.9	829.8
2018	159.7	214.0	19.8	393.5
2019	202.6	268.4	22.6	493.7
2020	333.6	263.6	12.4	609.6
2021	342.3	233.5	17.9	593.7
2022	268.0	232.4	19.9	520.2

* Opening Stocks refer to 1st April** Opening Stocks refer to 1st October*** Opening Stocks refer to 1st July



Fig 2. Location of Fertilizer Plants in Pakistan

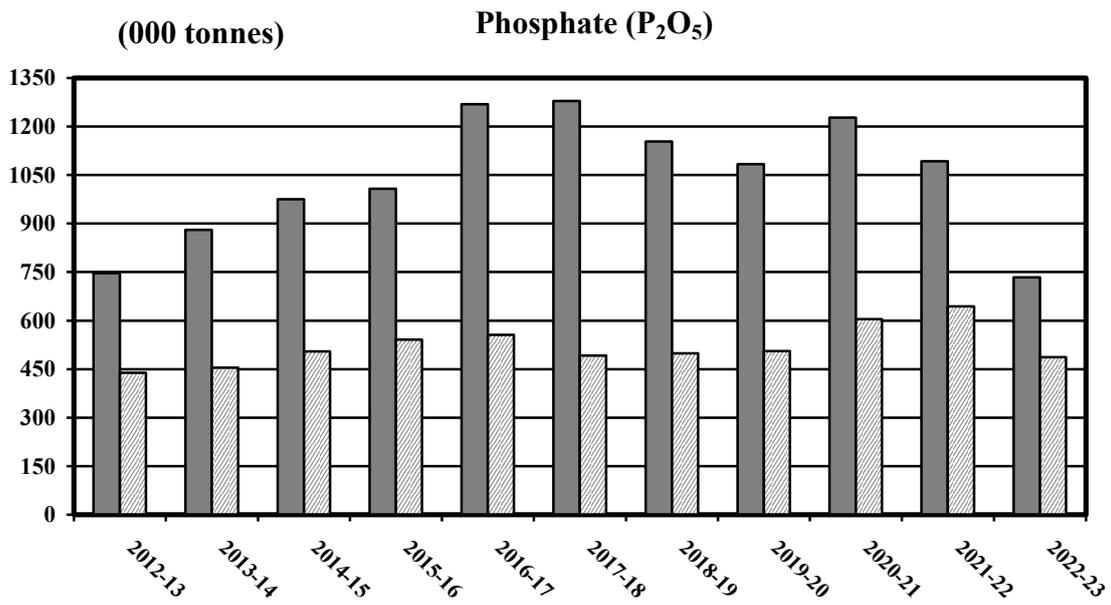
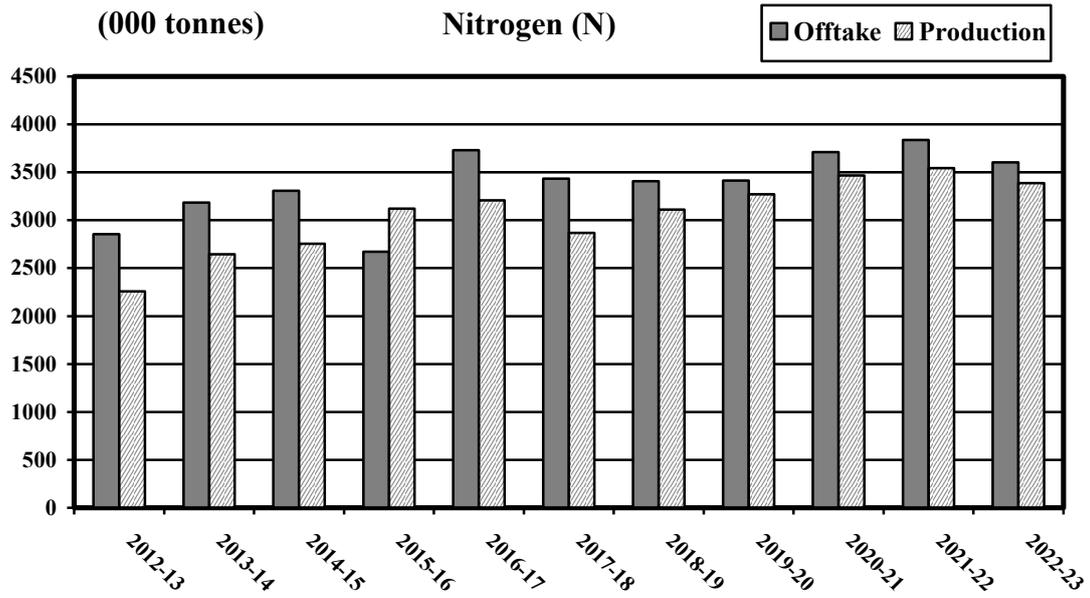


Fig 3. Offtake Vs Production in Pakistan (Nutrients)

Table 2.3 Historical Data on Local Production and Imports

('000 tonnes)

Year	Local Production				Imported Supplies			
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total
1971-72	215.1	4.9	0	220	73	0	0	73
1972-73	274.5	8.2	0	282.8	115.6	72.1	0	187.7
1973-74	300.1	4.2	0	304.3	225	104.3	6.3	335.6
1974-75	296.3	10.6	0	307	106.5	26.1	0.8	133.3
1975-76	316.5	10.6	0	327.1	73.5	109.2	0	182.7
1976-77	309.3	11.9	0	321.2	137.1	140.1	2.5	279.6
1977-78	312.5	15	0	327.5	341.8	204.8	2.1	548.7
1978-79	334	27	0	361	443.9	205.6	9.9	659.4
1979-80	388.9	49.8	0	438.6	440.8	142.4	13.8	596.9
1980-81	579.7	57.7	0	637.4	386.7	302.3	22	711
1981-82	699.2	66.9	0	766.1	88.8	28.5	15.6	132.8
1982-83	987.3	71.3	0	1058.6	133.3	249.3	21.5	404.1
1983-84	1015.3	91.8	0	1107.1	79.4	189.1	27.2	295.7
1984-85	1028.7	90	0	1118.7	86.5	233.1	21.3	340.9
1985-86	1041.7	93.3	0	1135	66.3	159.3	40.3	266
1986-87	1120.1	93.3	0	1213.3	210.2	354	46.2	610.4
1987-88	1097.1	95.2	0	1192.3	204.6	295.8	57.1	557.6
1988-89	1113.8	100.5	0	1214.3	134.2	317.5	9.4	461.1
1989-90	1156.4	105.1	0	1261.5	285.5	262.9	41.5	590
1990-91	1119.8	104.6	0	1224.4	360.6	252.9	54.6	668.1
1991-92	1043.8	105.5	0	1149.3	369.9	269.8	10.1	649.7
1992-93	1227.3	104.8	0	1332.1	409.6	388.9	14.9	813.5
1993-94	1565.9	92.9	0	1658.9	310.5	540.9	33.5	884.9
1994-95	1544.1	92.1	0	1636.2	87.7	258.4	12.8	358.8
1995-96	1693.4	96.1	0	1789.5	297.9	397.2	39	734.1
1996-97	1681.5	80.7	0	1762.2	472.9	381	24.3	878.1
1997-98	1660.5	67.5	0	1728	296.2	431.1	11.1	738.4
1998-99	1795.2	90.7	0	1885.9	424.4	430.3	5	859.7
1999-00	2039.6	223.5	0	2263.2	233	416.1	13.8	662.8
2000-01	2053.8	243.8	0.4	2298.1	194	368.6	16.5	579.1
2001-02	2113.9	142.7	8.9	2285.5	178.5	429.5	17.7	625.7
2002-03	2192.4	111.1	11.5	2315	215.7	542.4	7.9	766.1
2003-04	2272.5	253.9	12.9	2539.3	204.2	553.5	6.4	764.1
2004-05	2373.1	324.8	20.1	2717.9	309.7	458.1	16.9	784.7
2005-06	2476	341.4	14.7	2832.2	603.4	639.8	25.1	1268.3
2006-07	2426.7	307.9	11.9	2746.5	307.6	476.3	12.2	796.0
2007-08	2513	293.6	15.5	2822.1	286.6	565.8	23.9	876.3
2008-09	2533.9	364.4	10.3	2906.6	456.6	111.5	0.04	568.2
2009-10	2668.7	403.3	10.4	3082.4	900.8	522.3	20.9	1444
2010-11	2641.7	422.7	12.0	3076.4	383.2	243.5	18.0	644.7
2011-12	2540.9	431.4	10.5	2982.8	870.8	290.6	15.3	1176.7
2012-13	2257.5	438.6	7.5	2703.6	456.4	271.3	6.8	734.5
2013-14	2643.7	454.5	11.4	3109.6	702.6	431.7	14.1	1148.4
2014-15	2754.5	504.7	12.1	3271.3	486.3	474.7	23.4	984.3
2015-16	3120.8	541.4	12.3	3674.5	336.8	556.5	8.0	901.3
2016-17	3206.2	556.4	12.3	3774.9	264.1	668.5	28.9	961.5
2017-18	2869.0	492.5	11.2	3372.7	324.2	820.0	46.7	1190.9
2018-19	3110.6	499.4	16.8	3626.7	338.6	715.6	39.1	1093.3
2019-20	3270.8	506.3	16.7	3793.8	288.2	577.9	24.1	890.2
2020-21	3466.0	604.5	21.3	4091.9	247.6	586.1	50.0	883.6
2021-22	3544.6	644.2	21.7	4210.5	213.9	423.5	46.7	684.1
2022-23	3386.9	487.5	12.8	3787.2	266.2	204.7	8.3	479.2

Note: Imported Supply is that amount of fertilizer which has been despatched from the port and may not tally with imports on arrival.

Table 2.4 Production Capacity of Fertilizer Plants in Pakistan

Start Year	Company Name	Plant Location		Product	Designed Capacity				Actual Production 2022-23				% Capacity Utilization		
		City/Town	District		'000 Product Tonnes	('000 tonnes)			'000 Product tonnes	('000 Nutrient Tonnes)					
						N	P ₂ O ₅	K ₂ O		Total	N	P ₂ O ₅		K ₂ O	Total
1962	Pak-Arab	Multan	Multan	CAN	450	117	-	-	117	322	84	-	-	84	72
1962	Pak-Arab	Multan	Multan	Urea	99	46	-	-	46	87	40	-	-	40	88
2010	Fatima Fertilizer Company	Sadiqabad	Rahim Yar Khan	Urea	500	230	-	-	230	494	227	-	-	227	99
2010	Fatima Fertilizer Company	Sadiqabad	Rahim Yar Khan	CAN	470	122	-	-	122	498	130	-	-	130	106
2011	Fatima Fertilizer Company	Sadiqabad	Rahim Yar Khan	NP	490	112	112	-	224	416	95	95	-	190	85
1967	LCFL (Al-Hamad)	Jaranwala	Faisalabad	SSP	108	0	19	-	19	0	-	-	-	-	0
1958	Agritech Limited	Daud Khel	Mianwali	Urea	429	197	-	-	197	275	127	-	-	127	64
1968 & 2011	Engro Fertilizer Ltd.	Dharki	Sukkur	Urea	2275	1047	-	-	1047	1951	898	-	-	898	86
2001	Engro Fertilizer Ltd.	Port Qasim	Karachi	NPK	120	12	28	12	52	40	4	4	7	17	33
2005	Engro Fertilizer Ltd.	Port Qasim	Karachi	NP	40	8	7	-	15	51	10	9	-	19	129
1971	Fatima Fert.	Chichoki Mallian	Sheikhupura	Urea	445	205	-	-	205	377	173	-	-	173	85
1979	Pak-Arab	Multan	Multan	NP	330	76	76	-	152	325	75	75	-	150	98
1980	FFC: Pak-Saudi	Mirpur Mathelo	Sukkur	Urea	718	330	-	-	330	821	378	-	-	378	114
1982 & 93	Fauji Fertilizer Co. (FFC)	Goth Machi Sadiqabad	Rahim Yar Khan	Urea	1330	612	-	-	612	1584	729	-	-	729	119
1998	Fauji Fertilizer Bin Qasim	Port Qasim	Karachi	DAP	675	122	311	-	432	635	114	292	-	406	94
1998	Fauji Fertilizer Bin Qasim	Port Qasim	Karachi	Urea	551	253	-	-	253	444	204	-	-	204	81
2009	Suraj Fertilizer	Harappa	Sahiwal	SSP	150	0	27	-	27	6	-	1	-	1	4
1989	Agritech Ltd	Hariipur Hazara	Abbottabad	SSP	147	0	26	-	26	70	-	12	-	12	48
2015	Safi Chemicals	Multan	Multan	SSP	40	0	7	-	7	0.1	-	0	-	0	0.3
2015	Safi Chemicals	Multan	Multan	NPK	40	0.8	8	1.2	10	-	-	-	-	-	-
2019	Pacific Exim	Karachi	Karachi	SOP	20	0	0	10	10	12	-	-	6	6	60
(Sub) Totals				Urea total	6347	2920	0	0	2920	6033	2775	-	-	2775	95
				DAP	675	122	311	-	433	635	114	292	-	406	94
				SSP total	445	-	80	-	80	76	-	13	-	13	17
				CAN total	920	239	-	-	239	820	213	-	-	213	89
				NP total	860	196	195	-	391	792	180	179	-	359	92
				NPKs total	160	13	36	13	62	40	4	4	7	15	25
				SOP	20	0	0	10	10	12	-	-	6	6	60
Grand total of all					9427	3490	622	23	4135	8409	3287	488	13	3787	89

Table 2.5 Domestic Production of Fertilizer by Products**Urea**

(tonnes)

YEAR	Fatima Fert.	EFERT	FFC Pak-Saudi	Fatima Fertilizer	Pak-Arab	Agritech	FFC + FFBL	Total
Kharif Season								
2012	18,967	452,753	411,094	156,657	0	51,209	977,587	2,068,267
2013	37,895	766,586	419,523	164,777	44	171,638	935,517	2,495,980
2014	26,446	876,045	365,945	194,425	3,797	42,323	942,485	2,451,466
2015	31,970	986,522	423,107	228,595	0	50,934	964,481	2,685,609
2016	228,056	883,299	431,987	265,183	21,620	168,862	1,086,658	3,085,665
2017	44,542	952,589	430,249	215,680	21,701	114,331	1,177,465	2,956,557
2018	0	842,581	433,429	249,803	0	4,484	1,168,960	2,699,257
2019	249,361	1,007,527	419,969	202,103	0	200,048	1,185,690	3,264,698
2020	75,469	1,122,126	425,823	258,593	29,979	56,848	1,135,299	3,104,137
2021	134,685	1,036,954	444,379	243,066	38,777	110,680	1,098,218	3,106,759
2022	234,756	1,000,320	395,349	254,704	58,496	169,503	1,043,493	3,156,621
Rabi Season								
2012-13	33,874	566,080	415,436	167,434	0	28,343	903,016	2,114,183
2013-14	0	955,604	409,701	171,991	3,464	36,539	859,256	2,436,555
2014-15	15,487	975,149	424,306	206,119	1,724	0	896,726	2,519,511
2015-16	82,649	1,008,943	433,826	197,666	1,438	67,941	1,024,983	2,817,446
2016-17	152,739	931,262	421,682	241,285	46,534	47,407	1,008,585	2,849,494
2017-18	3,262	952,787	393,902	252,609	0	0	1,044,230	2,646,790
2018-19	199,835	918,828	433,096	223,341	0	164,266	984,013	2,923,379
2019-20	85,516	1,128,083	420,277	213,851	2,329	65,226	1,093,330	3,008,612
2020-21	108,751	1,093,603	382,234	251,048	32,785	82,852	1,065,852	3,017,125
2021-22	250,588	1,112,527	447,564	192,719	45,554	194,577	1,065,903	3,309,432
2022-23	130,533	962,545	434,472	249,758	32,538	96,406	1,021,192	2,927,444
Fiscal Year								
2012-13	47,344	1,075,613	840,186	295,564	0	113,487	1,843,784	4,215,978
2013-14	42,568	1,791,493	809,786	357,095	7,305	135,737	1,787,530	4,931,514
2014-15	29,920	1,924,932	812,036	428,254	1,724	60,827	1,809,044	5,066,737
2015-16	222,635	1,939,778	861,210	448,454	1,438	198,282	2,097,973	5,769,770
2016-17	311,191	1,901,882	851,495	456,778	82,767	176,859	2,134,616	5,915,588
2017-18	3,262	1,754,754	825,488	501,464	7,088	48,432	2,224,201	5,364,689
2018-19	326,660	1,876,149	853,952	442,840	0	268,456	2,165,322	5,933,379
2019-20	208,052	2,239,145	850,123	452,698	16,996	165,568	2,243,904	6,176,486
2020-21	314,935	2,199,566	816,435	507,337	66,331	239,758	2,157,028	6,301,390
2021-22	363,980	2,152,834	893,364	434,692	93,962	285,837	2,201,531	6,426,200
2022-23	377,117	1,950,795	820,961	493,590	87,096	275,046	2,028,094	6,032,699

Continued.....

**Table 2.5 Domestic Production of Fertilizer by Products
Other Products**

(tonnes)

Year	DAP Sona (FFBL)	CAN		NP			SSP			
		PAK- ARAB	Fatima Fertilizer	PAK- ARAB	EFERT	Fatima Fertilizer	Suraj Fertilizer	LCFL	Agritech	Safi Chemicals
Kharif Season										
2012	352,770	55,571	155,564	41,966	11,432	124,740	18,461	2,904	22,425	-
2013	399,724	28,570	191,559	23,111	24,293	157,562	5,152	4,384	20,453	-
2014	400,140	27,379	198,252	21,281	20,101	177,452	-	1,111	38,532	-
2015	420,081	193,656	190,964	175,694	32,686	195,996	13,961	-	33,237	-
2016	416,227	55,011	230,629	67,381	25,457	204,342	8,093	1,610	32,064	-
2017	433,233	121,926	200,897	156,738	39,624	170,932	2,703	-	28,729	-
2018	375,076	-	228,702	-	24,287	203,175	3,548	-	27,640	-
2019	443,438	-	225,225	-	30,779	235,889	7,503	-	14,473	-
2020	409,251	139,838	233,110	189,409	20,157	251,502	2,926	-	34,673	1,215
2021	444,033	166,856	244,082	192,748	18,319	257,971	12,029	-	36,108	2,800
2022	450,883	185,905	243,819	187,981	31,365	237,216	9,050	-	29,416	310
Rabi Season										
2012-13	350,236	26,700	225,527	22,040	25,130	157,652	6,642	25,791	34,505	-
2013-14	299,115	39,791	227,812	36,455	19,948	187,823	-	5,548	41,248	-
2014-15	343,360	14,801	239,840	11,474	35,011	204,399	13,733	825	27,975	-
2015-16	368,807	142,517	211,973	132,685	29,982	175,885	10,994	8,009	15,866	5,266
2016-17	376,242	104,524	237,346	121,498	31,221	185,355	6,396	-	37,964	-
2017-18	378,724	4,822	245,105	5,781	27,637	208,292	298	-	31,594	445
2018-19	352,363	-	227,733	-	34,938	220,187	12,800	-	34,590	-
2019-20	324,295	62,452	177,385	70,303	21,207	177,127	4,034	-	24,256	882
2020-21	347,558	150,176	252,569	168,853	36,683	263,959	25,452	-	36,411	345
2021-22	447,589	185,594	222,387	179,161	37,239	210,921	13,654	-	33,494	1,380
2022-23	226,406	124,131	257,437	130,246	25,540	218,672	4,345	-	35,723	30
Fiscal Year										
2012-13	727,376	26,700	374,696	22,040	48,947	269,815	20,921	28,356	51,548	0
2013-14	694,167	95,740	423,134	80,847	34,949	355,849	0	8,002	77,202	0
2014-15	754,854	113,504	456,635	100,605	70,017	407,907	15,556	1,936	60,431	0
2015-16	787,608	237,470	409,327	219,248	53,070	374,679	23,132	9,619	52,097	5,266
2016-17	802,485	235,841	438,473	282,357	64,723	355,644	17,192	0	60,786	0
2017-18	758,379	50,442	468,505	69,041	62,648	402,311	298	0	64,895	445
2018-19	782,636	0	453,299	0	58,368	436,826	19,875	0	56,184	0
2019-20	737,050	132,522	413,143	168,403	47,380	434,254	8,046	0	47,759	1,982
2020-21	789,446	303,120	489,797	355,221	51,761	514,369	31,089	0	73,494	1,110
2021-22	896,553	357,024	468,670	366,596	68,171	466,980	30,243	0	67,333	3,750
2022-23	635,326	321,944	497,996	324,720	51,449	416,059	6,088	0	70,127	120

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**Table 2.5 Domestic Production of Fertilizer by Products
Other Products**

(tonnes)

Year	SOP (Pacific Exim)	NPKs		Grand Total of All Products
		EFERT	Safi Chemicals	
Kharif Season				
2012	-	21,552	-	2,875,652
2013	-	23,527	-	3,374,315
2014	-	34,277	-	3,369,991
2015	-	25,411	-	3,967,295
2016	-	34,011	4,926	4,165,416
2017	-	29,790	1,693	4,142,822
2018	-	26,714	-	3,588,399
2019	3,371	41,019	-	4,266,395
2020	51,77	37,015	-	4,428,410
2021	4,100	41,834	-	4,527,639
2022	9,854	37,691	-	4,580,111
Rabi Season				
2012-13	-	20,265	-	3,008,671
2013-14	-	33,403	-	3,327,698
2014-15	-	34,518	-	3,445,447
2015-16	-	42,633	5,374	3,967,437
2016-17	-	26,870	2,250	3,979,160
2017-18	-	31,875	767	3,582,130
2018-19	3,363	45,513	-	3,854,866
2019-20	3,806	37,156	-	3,911,515
2020-21	5,311	39,077	-	4,343,519
2021-22	8,048	42,553	-	4,691,451
2022-23	3,188	11,713	-	3,964,875
Fiscal Year				
2012-13	-	41,911	-	5,828,288
2013-14	-	63,893	-	6,765,297
2014-15	-	67,559	-	7,115,741
2015-16	-	64,848	8,562	8,014,696
2016-17	-	66,191	5,606	8,244,886
2017-18	-	62,120	842	7,304,615
2018-19	5,774	77,631	-	7,823,972
2019-20	7,341	72,217	-	8,246,583
2020-21	10,604	87,200	-	9,008,591
2021-22	14,657	78,341	-	9,244,517
2022-23	12,225	40,129	-	8,408,882

Table 2.6 Domestic Production of Fertilizer by Nutrients

(tonnes)

Year	Nitrogen	Phosphate	Potash	Total Nutrients
Kharif Season				
2012	1,105,382	206,844	3,837	1,316,064
2013	1,326,812	239,999	4,168	1,570,980
2014	1,311,972	246,656	6,129	1,564,756
2015	1,505,791	295,908	4,499	1,806,198
2016	1,636,718	273,594	6,384	1,916,695
2017	1,609,239	292,194	5,450	1,906,883
2018	1,423,229	232,448	4,764	1,660,440
2019	1,705,213	274,035	8,984	1,988,231
2020	1,706,165	301,726	9,366	2,017,256
2021	1,725,300	320,205	9,412	2,054,917
2022	1,751,176	317,439	11,363	2,079,979
Rabi Season				
2012-13	1,150,678	224,490	3,626	1,378,795
2013-14	1,304,389	209,169	5,975	1,519,533
2014-15	1,348,772	230,833	6,177	1,585,782
2015-16	1,538,208	265,663	8,170	1,812,041
2016-17	1,548,837	264,783	5,048	1,818,668
2017-18	1,410,499	242,006	5,799	1,658,304
2018-19	1,531,613	238,576	9,893	1,780,082
2019-20	1,570,571	223,112	8,741	1,802,425
2020-21	1,667,351	286,813	9,998	1,964,162
2021-22	1,811,769	321,400	11,910	2,145,079
2022-23	1,573,909	199,698	3,700	1,777,307
Fiscal Year				
2012-13	2,257,534	438,557	7,466	2,703,556
2013-14	2,643,656	454,509	11,396	3,109,561
2014-15	2,754,521	504,695	12,070	3,271,286
2015-16	3,120,838	541,353	12,340	3,674,531
2016-17	3,206,184	556,437	12,296	3,774,917
2017-18	2,869,023	492,487	11,215	3,372,725
2018-19	3,110,553	499,400	16,783	3,626,735
2019-20	3,270,846	506,266	16,720	3,793,832
2020-21	3,466,054	604,527	21,305	4,091,886
2021-22	3,544,629	644,220	21,655	4,210,505
2022-23	3,286,887	487,507	12,826	3,787,220

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2012-13)

														(tonnes)
PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA	DHCL	-	-	-	100	10,999	-	-	-	22,775	13,470	-	-	47,344
UREA	EFERT (old)	58,268	71,295	58,718	5,039	-	-	-	-	-	6,481	18,010	2,405	220,216
UREA (PAFL)	Agri Tech (Pvt.) Limited	-	-	5,306	19,244	-	-	-	-	9,099	25,542	30,595	23,701	113,487
UREA (PFL)	PAK ARAB	-	-	-	-	-	-	-	-	-	-	-	-	-
UREA (PSFL)	FFC	70,752	72,623	70,000	71,551	69,421	71,296	72,664	65,209	65,295	70,208	70,496	70,671	840,186
UREA (PRILLED)	FFC	140,055	136,818	127,325	128,553	135,637	138,946	138,912	115,601	111,790	143,120	134,905	135,543	1,587,205
UREA (GRANULAR)	FFC	22,864	20,097	18,624	17,467	28,200	33,219	2,645	4,749	47,297	31,418	16,674	13,325	256,579
UREA	Fatima Fertilizer Company	38,177	15,422	9,946	17,197	27,779	32,532	23,542	34,089	32,295	5,987	30,066	28,532	295,564
UREA	EFERT (new)	-	-	-	80,806	97,903	86,405	101,418	86,471	108,038	78,394	108,440	107,522	855,397
TOTAL UREA		330,116	316,255	289,919	339,957	369,939	362,398	339,181	306,119	396,589	374,620	409,186	381,699	4,215,978
NP	PAK ARAB	-	-	-	5,441	13,294	3,305	-	-	-	-	-	-	22,040
NP	EFERT	-	4,629	-	4,070	8,708	4,040	2,865	0	5,447	5,479	7,753	5,956	48,947
NP	Fatima Fertilizer Company	21,316	17,611	8,125	18,629	27,847	29,410	27,246	26,079	28,441	3,630	30,825	30,656	269,815
NP	TOTAL	21,316	22,240	8,125	28,140	49,849	36,755	30,111	26,079	33,888	9,109	38,578	36,612	340,802
SSP (LCFL)	AL-HAMD	635	-	-	6,769	9,719	3,693	3,915	1,421	274	1,049	357	524	28,356
SSP (HPFL)	Agritech	5,855	3,127	2,182	10,115	11,040	2,670	2,120	4,950	3,610	370	2,229	3,280	51,548
SSP	Suraj Fertilizers	-	4,102	5,025	4,629	1,971	42	-	-	-	976	4,176	-	20,921
SSP	TOTAL	6,490	7,229	7,207	21,513	22,730	6,405	6,035	6,371	3,884	2,395	6,762	3,804	100,825
CAN (PAK-ARAB)	PAK ARAB	-	-	-	6,700	14,774	5,226	-	-	-	-	-	-	26,700
CAN	Fatima Fertilizer Company	25,520	23,126	13,297	28,137	39,112	41,303	39,047	35,825	42,103	14,253	37,536	35,437	374,696
Total CAN		25,520	23,126	13,297	34,837	53,886	46,529	39,047	35,825	42,103	14,253	37,536	35,437	401,396
DAP (SONA)	FFC	69,112	70,522	35,116	68,423	67,423	69,409	58,435	31,408	55,138	66,562	67,823	68,005	727,376
NPKs (Various grades)	EFERT	7,696	2,099	6,344	4,227	0	0	3,523	6,654	5,861	1,433	1,941	2,133	41,911
GRAND TOTAL		460,250	441,471	360,008	497,097	563,827	521,496	476,332	412,456	537,463	468,372	561,826	527,690	5,828,288
Nutrients														
	NITROGEN	176,751	169,656	145,644	184,649	207,784	199,748	183,971	162,694	211,832	190,260	218,874	205,670	2,257,534
	PHOSPHATE	39,504	39,213	20,778	42,791	46,571	41,535	35,702	22,813	35,077	33,115	40,578	40,878	438,557
	POTASH	1,364	357	1,142	761	-	-	634	1,198	1,034	243	349	384	7,466
	TOTAL	217,619	209,226	167,564	228,202	254,355	241,283	220,308	186,705	247,943	223,618	259,802	246,932	2,703,556

Continued....

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2013-14)

(tonnes)

PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA	DHCL	-	3,020	21,405	-	-	-	-	-	-	9,747	8,396	-	42,568
UREA	EFERT (old)	13,633	55,969	57,634	63,953	58,471	62,744	60,303	67,204	37,209	32,261	71,645	45,166	626,192
UREA (PAFL)	Agri Tech (Pvt.) Limited	29311	30,747	31,742	33,169	3,370	-	-	-	-	2,299	5,099	-	135,737
UREA (PFL)	PAK ARAB	-	-	44	2,228	-	-	-	-	1,236	3,797	-	-	7,305.00
UREA (PSFL)	FFC	70,673	69,348	68,127	69,590	67,277	70,042	70,716	62,069	70,007	67,320	56,040	68,577	809,786
UREA (PRILLED)	FFC	134,187	132,248	127,166	134,629	132,756	137,265	138,503	113,378	139,582	138,239	131,145	118,315	1,577,413
UREA (GRANULAR)	FFC	20,305	35,357	11,269	5,583	25,510	9,840	-	-	22,210	36,103	23,807	20,133	210,117
UREA	Fatima Fertilizer Company	29,276	35,076	35,840	30,379	34,849	35,123	26,038	21,311	24,291	7,467	36,813	40,632	357,095
UREA	EFERT (new)	103,761	109,026	105,311	107,642	101,228	105,053	103,816	97,725	90,256	85,755	42,338	113,390	1,165,301
TOTAL UREA		401,146	470,791	458,538	447,173	423,461	420,067	399,376	361,687	384,791	382,988	375,283	406,213	4,931,514
NP	PAK ARAB	-	-	23,111	21,826	2,955	480	-	-	11,194	19,976	1,305	-	80,847
NP	EFERT	2685	2,089	331	110	4,107	4,963	2,457	3238	5,074	753	5,561	3,582	34,949
NP	Fatima Fertilizer Company	29,625	32,028	30,798	33,599	27,885	32,202	33,340	28,658	32,139	8,254	36,198	31,123	355,849
NP	TOTAL	32,310	34,117	54,240	55,535	34,947	37,645	35,797	31,896	48,407	28,983	43,064	34,705	471,645
SSP (LCFL)	AL-HAMD	582	437	1435	2,354	3,064	-	130	-	-	-	-	-	8,002
SSP (HPFL)	Agritech	3,100	6,969	4,505	7,830	9,570	3,925	3,110	7,530	9,283	7,975	8,025	5,380	77,202
SSP	Suraj Fertilizers	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	TOTAL	3,682	7,406	5,940	10,184	12,634	3,925	3,240	7,530	9,283	7,975	8,025	5,380	85,204
CAN (PAK-ARAB)	PAK ARAB	-	-	28,570	20,877	5,628	114	-	-	13172	26,040	1,339	-	95,740
CAN	Fatima Fertilizer Company	34,427	35,427	34,479	35,490	34,849	40,231	40,155	36,243	40,844	19,382	36,077	35,530	423,134
Total CAN		34,427	35,427	63,049	56,367	40,477	40,345	40,155	36,243	54,016	45,422	37,416	35,530	518,874
DAP (SONA)	FFC	69,105	64,514	63,715	64,141	66,748	68,824	3,332	25,371	70,699	60,142	70,514	67,062	694,167
NPKs (Various grades)	EFERT	6,508	5,621	5,891	9,108	3548.8	1746.25	6,614	6,586	5,800	6,117	2,853	3,500	63,893
	GRAND TOTAL	547,178	617,876	651,373	642,507	581,816	572,552	488,514	469,313	572,996	531,627	537,155	552,390	6,765,297
		Nutrients												
	NITROGEN	214,129	245,947	251,932	245,634	225,763	225,001	203,802	188,607	215,582	205,922	204,833	216,504	2,643,656
	PHOSPHATE	41,268	40,020	44,140	46,163	41,799	41,375	11,738	21,579	46,516	36,191	43,121	40,600	454,509
	POTASH	1,153	990	1,049	1,632	633	306	1,168	1,182	1,053	1,086	514	629	11,396
	TOTAL	256,550	286,957	297,122	293,429	268,194	266,682	216,709	211,368	263,152	243,199	248,468	257,733	3,109,561

Continued....

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2014-15)

														(tonnes)
PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA	DHCL	-	-	8,303	-	15,487	-	-	-	-	-	6,130	-	29,920
UREA	EFERT (old)	56,476	57,176	57,464	56,749	52,472	59,102	57,572	52,343	52,333	54,670	49,931	58,460	664,748
UREA (PAFL)	Agri Tech (Pvt.) Ltd.	1,040	20,650	13,235	-	-	-	-	-	-	11,071	4,492	10,339	60,827
UREA (PFL)	PAK ARAB	-	-	-	-	1,724	-	-	-	-	-	-	-	1,724.00
UREA (PSFL)	FFC	70,547	70,963	32,498	70,731	71,054	72,501	72707	65477	71836	70796	73312	69614	812,036
UREA (PRILLED)	FFC	139,248	141,612	138,499	143,361	138,988	137,690	138149	122855	144193	140041	81744	137276	1,603,656
UREA (GRANULAR)	FFC	19,050	21,991	14,343	19,800	21,669	13,912	2407	-	13,702	26319	28183	24012	205,388
UREA	Fatima Fertilizer Co.	39,936	34,625	34,952	36,058	30,112	37,686	38,591	30,356	33,316	38,435	42,491	31,696	428,254
UREA	EFERT (new)	102,534	104,267	107,573	111,576	103,957	106,685	110,722	96,376	115,262	76,668	108,984	115,580	1,260,184
TOTAL UREA		428,831	451,284	406,867	438,275	435,463	427,576	420,148	367,407	430,642	418,000	395,267	446,977	5,066,737
NP	PAK ARAB	-	-	-	2,862	8,612	-	-	-	-	25,102	32,649	31,380	100,605
NP	EFERT	2,475	5,252	2,478	1,816	9,256	9,866	3,229	2,690	8,154	6,682	9,247	8,872	70,017
NP	Fatima Fertilizer Co.	33,064	34,109	34,704	34,994	33,778	33,517	35,873	32,009	34,228	30,418	32,906	38,307	407,907
NP	TOTAL	35,539	39,361	37,182	39,672	51,646	43,383	39,102	34,699	42,382	62,202	74,802	78,559	578,529
SSP (LCFL)	AL-HAMD	277	250	584	-	825	-	-	-	-	-	-	-	1,936
SSP (HPFL)	Agritech	6,107	5,800	5,245	4,940	7,585	9,040	3,900	930	1,580	1,213	6,599	7,492	60,431
SSP	Suraj Fertilizers	-	-	-	165	5,107	1,113	2,347	3,456	1,545	-	1,130	693	15,556
SSP	TOTAL	6,384	6,050	5,829	5,105	13,517	10,153	6,247	4,386	3,125	1,213	7,729	8,185	77,923
CAN (PAK-ARAB)	PAK ARAB	-	-	-	3,535	11,266	-	-	-	-	28,061	36,763	33,879	113,504
CAN	Fatima Fertilizer Co.	36,104	35,857	35,302	40,040	36,819	40,666	40,475	39,387	42,453	36,519	37,483	35,530	456,635
Total CAN		36,104	35,857	35,302	43,575	48,085	40,666	40,475	39,387	42,453	64,580	74,246	69,409	570,139
DAP (SONA)	FFC	65,480	69,156	67,786	68,333	61,576	71,846	26,817	43,511	71,277	67,473	71,842	69,757	754,854
NPKs (Various grades)	EFERT	6,575	3,689	11,543	8,158	3,854	2,780	6,355	6,651	6,720	5,063	3,106	3,065	67,559
	GRAND TOTAL	578,913	605,397	564,509	603,118	614,141	596,404	539,144	496,041	596,599	618,531	626,992	675,952	7,115,741
Nutrients														
	NITROGEN	227,455	238,930	218,329	235,236	236,163	230,446	218,532	195,917	232,477	235,521	230,895	254,620	2,754,521
	PHOSPHATE	40,702	42,677	43,365	43,302	43,523	45,494	23,671	30,151	44,692	44,758	50,054	52,306	504,695
	POTASH	1,191	643	2,066	1,460	694	500	1,103	1,170	1,250	897	549	547	12,070
	TOTAL	269,347	282,250	263,760	279,998	280,379	276,441	243,307	227,238	278,419	281,176	281,498	307,473	3,271,286

Continued....

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2015-16)

														(tonnes)
PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA	DHCL	11,253	-	14,587	39,558	-	-	-	-	43,091	27,826	44,955	41,365	222,635
UREA	EFERT (old)	59,937	66,540	63,232	64,817	61,168	61,300	64,709	60,995	59,062	69,076	58,171	56,068	745,075
UREA (PAFL)	Agri Tech (Pvt.) Ltd.	13,164	-	11,868	31,799	4,276	-	-	1,325	30,541	35,914	34,261	35,134	198,282
UREA (PFL)	PAK ARAB	-	-	-	-	-	-	1,438	-	-	-	-	-	1,438.00
UREA (PSFL)	FFC	71,520	72,006	65,859	74,325	62,966	75,509	74801	70839	75386	72,407	74352	71,240	861,210
UREA (PRILLED)	FFC	141,174	142,736	136,451	147,378	143,402	147,680	147983	138292	106769	133,619	145762	140,690	1,671,936
UREA (GRANULAR)	FFC	39,917	34,943	31,685	43,926	27,672	29,107	1858	33,850	57,066	48,904	44,123	32,986	426,037
UREA	Fatima Fertilizer Co.	46,758	36,193	33,022	32,632	5,186	37,148	39,648	41,786	41,266	43,922	45,209	45,684	448,454
UREA	EFERT (new)	112,369	115,146	105,005	72,430	116,945	118,763	114,478	110,903	103,373	84,224	35,734	105,333	1,194,703
TOTAL UREA		496,092	467,564	461,709	506,865	421,615	469,507	444,915	457,990	516,554	515,892	482,567	528,500	5,769,770
NP	PAK ARAB	29,754	30,718	26,091	31,603	25,846	32,205	26,408	16,623	-	-	-	-	219,248
NP	EFERT	3,741	3,676	468	5,535	13,621	7,571	916	1,248	1,091	5,020	5,518	4,665	53,070
NP	Fatima Fertilizer Co.	26,928	34,363	33,074	30,074	7,845	33,605	34,309	33,123	36,929	34,901	35,369	34,159	374,679
NP	TOTAL	60,423	68,757	59,633	67,212	47,312	73,381	61,633	50,994	38,020	39,921	40,887	38,824	646,997
SSP (LCFL)	AL-HAMD	-	-	-	3,358	2,849	1,802	-	-	-	1,610	-	-	9,619
SSP (HPFL)	Agritech	4,792	5,322	7,819	7,281	4,863	1,416	-	2,306	-	5,582	7,675	5,041	52,097
SSP	Suraj Fertilizers	2,121	-	10,017	4,065	1,485	-	-	2,934	2,510	-	-	-	23,132
SSP	Safi Chemicals	-	-	-	995	1,558	1,298	1,098	317	-	-	-	-	5,266
SSP	TOTAL	6,913	5,322	17,836	15,699	10,755	4,516	1,098	5,557	2,510	7,192	7,675	5,041	90,114
CAN (PAK-ARAB)	PAK ARAB	34,228	33,041	27,684	33,484	29,875	30,982	29,188	18,988	-	-	-	-	237,470
CAN	Fatima Fertilizer Co.	21,502	29,066	30,864	33,319	15,239	41,470	41,346	39,531	41,068	38,269	38,460	39,193	409,327
Total CAN		55,730	62,107	58,548	66,803	45,114	72,452	70,534	58,519	41,068	38,269	38,460	39,193	646,797
DAP (SONA)	FFC	71,024	72,436	67,549	69,942	71,054	65,323	30,048	61,555	70,885	68,811	72,143	66,838	787,608
NPKs (Various grades)	EFERT	3,788	6,828	3,561	14,204	6,789	4,647	2,553	6,220	8,220	2,789	2,798	2,451	64,848
NPKs (Various grades)	Safi Chemicals	-	-	-	2,570	803	63	796	472	670	1,570	1,618	-	8,562
GRAND TOTAL		693,970	683,014	668,836	743,295	603,442	689,889	611,577	641,307	677,927	674,444	646,148	680,847	8,014,696
Nutrients														
	NITROGEN	269,862	260,929	253,963	280,399	230,264	264,098	243,057	249,515	270,876	268,913	254,451	274,512	3,120,838
	PHOSPHATE	48,577	51,511	48,702	54,314	46,858	48,655	29,414	42,463	43,960	41,962	43,796	41,141	541,353
	POTASH	671	1,209	626	2,795	1,284	823	519	1,152	1,596	656	660	349	12,340
	TOTAL	319,110	313,650	303,291	337,508	278,406	313,576	272,990	293,130	316,432	311,530	298,907	316,001	3,674,531

Continued...

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2016-17)

		(tonnes)												
PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA	DHCL	36,175	37,950	39,785	38,395	29,275	21,118	-	20,085	43,866	23,399	21,143	-	311,191
UREA	EFERT (old)	53,888	49,747	47,697	5,154	56,543	67,739	60,736	52,885	57,323	46,374	54,462	53,669	606,217
UREA (PAFL)	Agri Tech (Pvt.) Ltd.	33,286	3,688	26,579	31,995	15,412	-	-	-	-	263	32,427	33,209	176,859
UREA (PFL)	PAK ARAB	1,790	9,777	10,053	8,691	8,846	8,639	232	9,955	10,171	10,171	4,442	-	82,767.00
UREA (PSFL)	FFC	72,013	71,908	70,067	65,351	71,522	68,521	74691	67267	74330	72,002	72,620	71,203	851,495
UREA (PRILLED)	FFC	145,250	135,998	128,750	147,654	143,975	149,475	149,078	123027	149883	135,666	149,117	141,875	1,699,748
UREA (GRANULAR)	FFC	43,557	43,293	43,726	37,818	26,641	19,790	-	18,097	43,147	51,964	56,377	50,458	434,868
UREA	Fatima Fertilizer Co.	40,180	44,715	45,473	47,267	44,119	27,364	42,859	39,483	40,193	4,212	45,580	35,333	456,778
UREA	EFERT (new)	102,232	114,723	106,406	114,619	116,633	123,511	76,402	84,614	115,103	117,777	112,196	111,449	1,295,665
TOTAL UREA		528,371	511,799	518,536	496,944	512,966	486,157	403,998	415,413	534,016	461,828	548,364	497,196	5,915,588
NP	PAK ARAB	6,122	30,114	31,145	27,805	19,540	19,556	710	22,205	31,682	31,682	32,720	29,076	282,357
NP	EFERT	4,556	4,539	1,159	4,345	10,308	6,393	4,645	1,648	3,882	9,413	8,093	5,742	64,723
NP	Fatima Fertilizer Co.	31,602	33,831	34,480	34,328	32,196	25,616	33,604	28,252	31,359	4,779	34,245	31,352	355,644
NP	TOTAL	42,280	68,484	66,784	66,478	62,044	51,565	38,959	52,105	66,923	45,874	75,058	66,170	702,724
SSP (LCFL)	AL-HAMD	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP (HPFL)	Agritech	4,098	5,636	4,032	8,316	10,193	5,270	4,744	4,970	4,471	4,513	2,731	1,812	60,786
SSP	Suraj Fertilizers	615	3,704	3,774	5,032	1,340	-	-	24	-	-	-	2,703	17,192
SSP	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	TOTAL	4,713	9,340	7,806	13,348	11,533	5,270	4,744	4,994	4,471	4,513	2,731	4,515	77,978
CAN (PAK-ARAB)	PAK ARAB	3,963	26,325	24,723	21,245	16,234	16,031	300	19,152	31,562	31,562	24,211	20,533	235,841
CAN	Fatima Fertilizer Co.	37,904	37,793	39,010	40,604	36,149	39,772	40,916	38,529	41,376	9,604	39,787	37,029	438,473
Total CAN		41,867	64,118	63,733	61,849	52,383	55,803	41,216	57,681	72,938	41,166	63,998	57,562	674,314
DAP (SONA)	FFC	67,320	71,480	69,635	72,207	68,123	72,241	24,069	65,694	73,908	72,023	73,938	71,847	802,485
NPKs (Various grades)	EFERT	5,640	8,992	11,341	5,500	2,136	3,357	2,730	7,974	5,173	5,470	4,746	3,132	66,191
NPKs (Various grades)	Safi Chemicals	168	690	880	770	150	-	-	400	930	928	680	10	5,606
GRAND TOTAL		690,359	734,903	738,715	717,096	709,335	674392.6	515,716	604,261	758,359	631,802	769,515	700,432	8,244,886
Nutrients														
	NITROGEN	276,504	277,995	284,344	273,777	276,403	263,451	210,214	231,246	293,746	246,950	299,361	272,193	3,206,184
	PHOSPHATE	42,737	52,429	51,529	52,317	48,164	46,719	21,435	44,750	51,399	44,529	50,670	49,761	556,437
	POTASH	932	1,672	2,115	1,052	391	589	478	1,490	1,048	1,065	909	555	12,296
	TOTAL	320,173	332,096	337,988	327,146	324,957	310,758	232,128	277,486	346,192	292,544	350,940	322,509	3,774,917

Continued...

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2017-18)

(tonnes)

PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA	DHCL	-	-	-	-	3,262	-	-	-	-	-	-	-	3,262
UREA	EFERT	168,450	166,539	121,673	166,539	119,138	168,600	175,557	167,216	155,737	122,923	83,543	138,839	1,754,754
UREA (PAFL)	Agri Tech (Pvt.) Ltd.	20,832	27,600	-	-	-	-	-	-	-	-	-	-	48,432
UREA (PFL)	PAK ARAB	-	3,800	3,288	-	-	-	-	-	-	-	-	-	7,088.00
UREA (PSFL)	FFC	72,475	72,276	69,673	35,525	65,729	72,592	75920	68604	75532	72,185	74,136	70,841	825,488
UREA (PRILLED)	FFC	145,859	146,115	140,566	136,714	134,602	139,820	152,373	97488	121454	140,128	148,888	141,216	1,645,223
UREA (GRANULAR)	FFC	56,580	52,678	50,210	54,309	52,238	57,097	13,732	29,045	55,358	53,114	51,817	52,800	578,978
UREA	Fatima Fertilizer Co.	36,945	46,000	47,610	47,400	42,579	46,264	39,331	35,492	41,543	45,058	30,610	42,632	501,464
TOTAL UREA		501,141	515,008	433,020	440,487	417,548	484,373	456,913	397,845	449,624	433,408	388,994	446,328	5,364,689
NP	PAK ARAB	20,207	31,000	12,053	600	5,181	-	-	-	-	-	-	-	69,041
NP	EFERT	8,864	5,704	1,808	3,259	3,888	9,245	2,639	2,880	5,726	7,713	8,262	2,660	62,648
NP	Fatima Fertilizer Co.	31,945	34,500	34,111	33,842	32,255	37,325	35,260	32,844	36,766	34,493	27,134	31,836	402,311
NP	TOTAL	61,016	71,204	47,972	37,701	41,324	46,570	37,899	35,724	42,492	42,206	35,396	34,496	534,000
SSP (LCFL)	AL-HAMD	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP (HPFL)	Agritech	5,775	6,990	6,908	7,198	6,279	5,551	5,698	3,831	3,037	3,681	5,422	4,525	64,895
SSP	Suraj Fertilizers	-	-	-	298	-	-	-	-	-	-	-	-	298
SSP	Safi Chemicals	-	-	-	445	-	-	-	-	-	-	-	-	445
SSP	TOTAL	5,775	6,990	6,908	7,941	6,279	5,551	5,698	3,831	3,037	3,681	5,422	4,525	65,638
CAN (PAK-ARAB)	PAK ARAB	15,263	23,000	7,357	-	4,822	-	-	-	-	-	-	-	50,442
CAN	Fatima Fertilizer Co.	38,616	37,500	38,361	38,533	40,040	42,762	42,153	37,618	43,999	40,092	34,716	34,115	468,505
Total CAN		53,879	60,500	45,718	38,533	44,862	42,762	42,153	37,618	43,999	40,092	34,716	34,115	518,947
DAP (SONA)	FFC	69,852	73,859	71,714	74,481	71,986	65,437	31,073	64,635	71,112	30,945	62,100	71,185	758,379
NPKs (Various grades)	EFERT	9,058	6,267	1,117	8,318	1,412	42	4,415	11,153	6,535	6,271	3,879	3,653	62,120
NPKs (Various grades)	Safi Chemicals	15	20	40	673	10	69	-	15	-	-	-	-	842
GRAND TOTAL		700,736	733,848	606,489	608,134	583,421	644804	578,151	550,821	616,799	556,603	530,507	594,302	7,304,615
Nutrients														
	NITROGEN	272,302	283,227	235,206	235,722	226,437	256,433	236,160	213,986	241,761	225,348	207,417	235,024	2,869,023
	PHOSPHATE	49,000	52,770	45,464	46,376	43,993	41,838	24,770	40,918	44,111	24,603	37,419	41,225	492,487
	POTASH	1,623	1,101	197	1,550	241	14	775	2,010	1,209	1,158	687	650	11,215
	TOTAL	322,925	337,098	280,867	283,648	270,671	298,285	261,705	256,914	287,081	251,109	245,523	276,899	3,372,725

Continued...

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2018-19)

														(tonnes)	
PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	
UREA	Fatimafert (DHCL)	-	-	-	42,979	33,861	30,077	28,451	17,627	46,840	43,947	43,637	39,241	326,660	
UREA	EFERT	160,375	172,350	164,551	164,551	154,415	154,415	164,416	127,616	153,415	144,067	138,689	177,289	1,876,149	
UREA (PAFL)	Agri Tech (Pvt.) Ltd	-	-	4,484	32,187	31,900	27,363	25,149	13,593	34,074	32,620	33,898	33,188	268,456	
UREA (PFL)	PAK ARAB	-	-	-	-	-	-	-	-	-	-	-	-	-	
UREA (PSFL)	FFC	73,198	72,640	70,429	73,245	71,371	74,187	74,185	66,729	73,379	59,428	73,969	71,192	853,952	
UREA (Prilled)	FFC	145,828	142,535	134,396	148,250	139,164	138,066	124,458	101,451	134,447	143,394	148,899	143,186	1,644,074	
UREA (Granular)	FFBL	52,217	57,553	48,468	50,476	52,828	44,411	2,692	11,211	36,559	54,107	57,101	53,625	521,248	
UREA	Fatima Fertilizer	46,487	41,062	43,954	47,434	43,967	43,368	40,800	35,197	12,575	17,228	30,871	39,897	442,840	
	TOTAL UREA	478,105	486,140	466,282	559,122	527,506	511,887	460,151	373,424	491,289	494,791	527,064	557,618	5,933,379	
NP	PAK ARAB	-	-	-	-	-	-	-	-	-	-	-	-	0	
NP	EFERT	4,644	819	189	5,329	1,034	16,601	4,565	4,243	3,166	6,710	9,954	1,114	58,368	
NP	Fatima Fertilizer	36,044	36,921	36,747	34,824	36,845	38,835	42,430	44,350	22,903	29,395	37,781	39,751	436,826	
NP	TOTAL	40,688	37,740	36,936	40,153	37,879	55,436	46,995	48,593	26,069	36,105	47,735	40,865	495,194	
SSP (LCFL)	AL-HAMD	-	-	-	-	-	-	-	-	-	-	-	-	0	
SSP (HPFL)	Agritech	6,482	1,413	6,117	7,470	8,310	3,073	2,925	6,594	6,218	6,235	1,347	-	56,184	
SSP	Suraj Fertilizers	200	658	2,690	5,509	4,544	685	2,062	-	-	3,512	15	-	19,875	
SSP	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-	
SSP	TOTAL	6,682	2,071	8,807	12,979	12,854	3,758	4,987	6,594	6,218	9,747	1,362	-	76,059	
CAN (Pak-Arab)	PAK ARAB	-	-	-	-	-	-	-	-	-	-	-	-	0	
CAN	Fatima Fertilizer	39,707	39,945	40,127	36,118	41,203	40,088	42,257	42,131	25,936	28,964	38,462	38,361	453,299	
	TOTAL CAN	39,707	39,945	40,127	36,118	41,203	40,088	42,257	42,131	25,936	28,964	38,462	38,361	453,299	
DAP (Sona)	FFC	73,321	61,300	76,225	55,710	66,483	63,538	30,723	60,989	74,920	72,753	75,512	71,162	782,636	
SOP	Pacific	-	-	-	-	-	-	-	-	3,363	875	869	667	5,774	
NPKs (Various grades)	EFERT	4,685	5,123	3,103	14,966	4,840	423	4,951	11,890	8,443	6,560	4,996	7,651	77,631	
NPKs (Various grades)	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	0	
	GRAND total	643,188	632,319	631,480	719,048	690,765	675,130	590,064	543,621	636,238	649,795	696,000	716,324	7,823,972	
		Nutrients													
	NITROGEN	253,409	254,366	247,665	287,346	274,664	270,120	239,820	206,308	253,354	257,012	277,127	289,361	3,110,553	
	PHOSPHATE	45,229	38,301	45,671	40,640	42,605	42,751	26,695	42,805	43,079	43,773	45,599	42,251	499,400	
	POTASH	833	908	528	2,694	852	76	844	2,199	3,229	1,579	1,324	1,717	16,783	
	TOTAL	299,471	293,575	293,864	330,680	318,121	312,948	267,359	251,312	299,662	302,365	324,050	333,329	3,626,735	

Continued...

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2019-20)

														(tonnes)
PRODUCT	SOURCE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PSFL)	72,582	72,889	69,909	63,955	71,121	71,261	73,555	66,717	73,668	70,996	73,240	70,230	850,123
UREA (P.)	FFC	142,821	146,535	141,567	135,106	141,354	147,740	148,308	138,946	147,646	141,702	140,786	112,791	1,685,302
UREA (G.)	FFBL	53,701	50,773	49,981	51,482	46,748	40,408	424	35,919	59,249	57,351	57,527	55,039	558,602
UREA	FATIMAFERT (DHCL)	42,037	41,338	39,161	43,347	42,169	-	-	-	-	-	-	-	208,052
UREA	Fatima Fertilizer Limited	39,198	37,003	37,906	18,927	35,847	50,303	40,799	35,839	32,136	39,465	42,797	42,478	452,698
UREA	PAK-ARAB	-	-	-	-	-	-	-	2,329	-	7,099	-	7,568	16,996
UREA	EFERT	181,159	186,323	180,000	188,000	166,729	201,087	193,344	181,846	197,077	188,232	194,632	180,716	2,239,145
UREA	Agritech(PAFL)	34,379	34,079	31,884	33,880	31,346	-	-	-	-	-	-	-	165,568
	TOTAL UREA	565,877	568,940	550,408	534,697	535,314	510,799	456,430	461,596	509,776	504,845	508,982	468,822	6,176,486
NP	EFERT	6,180	4,922	1,899	10,003	8,979	2,225	-	-	-	-	5,700	7,472	47,380
NP	PAK-ARAB	-	-	-	-	-	-	6,070	30,341	33,892	33,100	34,705	30,295	168,403
NP	Fatima Fertilizer Limited	42,838	43,115	43,009	27,152	16,611	14,052	45,326	42,194	31,792	43,520	45,294	39,351	434,254
NP	TOTAL	49,018	48,037	44,908	37,155	25,590	16,277	51,396	72,535	65,684	76,620	85,699	77,118	650,037
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	Agritech (HPFL)	-	2,755	4,136	6,754	3,979	866	3,640	4,131	4,886	4,937	4,065	7,610	47,759
SSP	Suraj Fertilizer	55	1,721	2,200	1,351	1,027	1,401	-	-	255	28	8	-	8,046
SSP	Safi Group	-	-	-	512	370	-	-	-	-	750	-	350	1,982
SSP	TOTAL	55	4,476	6,336	8,617	5,376	2,267	3,640	4,131	5,141	5,715	4,073	7,960	57,787
CAN	PAK-ARAB	-	-	-	-	-	-	8,395	25,939	28,118	25,204	24,155	20,711	132,522
CAN	Fatima Fertilizer Limited	39,997	40,637	38,804	37,727	15,533	14,201	40,678	39,998	29,248	40,277	41,893	34,150	413,143
	TOTAL CAN	39,997	40,637	38,804	37,727	15,533	14,201	49,073	65,937	57,366	65,481	66,048	54,861	545,665
DAP	FFC-SONA	76,595	74,860	72,556	75,010	72,857	72,045	38,754	27,406	38,223	41,356	74,691	72,697	737,050
SOP	Pacific	720	240	-	-	434	1,044	898	762	668	854	859	862	7,341
NPKs	EFERT	3,862	4,984	12,966	4,548	5,029	2,830	8,197	8,537	8,015	5,327	4,262	3,660	72,217
NPKs	Safi Group	-	-	-	-	-	-	-	-	-	-	-	-	-
	G. TOTAL	736,124	742,174	725,978	697,754	660,133	619,463	608,388	640,904	684,873	700,198	744,614	685,980	8,246,583
Nutrients														
	NITROGEN	296,195	297,423	288,095	278,272	269,939	255,655	242,497	251,913	272,295	274,177	284,045	260,339	3,270,846
	PHOSPHATE	47,367	47,331	47,714	45,647	41,393	37,943	31,533	31,468	35,128	36,457	53,146	51,139	506,266
	POTASH	1,049	1,000	2,315	819	1,100	1,031	2,088	1,832	1,871	1,332	1,213	1,072	16,720
	TOTAL	344,611	345,753	338,123	324,738	312,432	294,629	276,118	285,212	309,294	311,966	338,404	312,550	3,793,832

Continued...

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2020-21)

														(tonnes)
PRODUCT	SOURCE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PSFL)	69,912	71,515	69,930	73,528	19,894	65,425	77,283	69,503	76,601	73,933	75,987	72,924	816,435
UREA (P.)	FFC	145,423	144,536	139,670	145,281	142,464	140,318	147,448	126,339	130,589	134,026	137,893	99,014	1,633,001
UREA (G.)	FFBL	46,852	48,235	45,387	50,366	54,635	47,948	-	19,813	60,651	55,941	56,519	37,680	524,027
UREA	FATIMAFERT (DHCL)	-	32,372	43,097	46,258	40,000	2,494	-	-	19,999	44,424	45,827	40,464	314,935
UREA	Fatima Fertilizer Limited	45,620	43,876	44,357	44,397	40,642	42,040	44,195	37,610	42,164	40,641	44,892	36,903	507,337
UREA	PAK-ARAB	341	7,172	7,799	7,697	4,262	5,881	7,267	5,298	2,380	6,650	3,313	8,271	66,331
UREA	EFERT	187,355	181,050	190,141	196,536	184,631	189,098	179,037	177,440	166,861	162,177	198,437	186,803	2,199,566
UREA	Agritech(PAFL)	-	26,774	30,074	33,520	28,672	5,745	-	-	14,915	34,516	35,360	30,182	239,758
TOTAL UREA		495,503	555,530	570,455	597,583	515,200	498,949	455,230	436,003	514,160	552,308	598,228	512,241	6,301,390
NP	EFERT	-	4,650	2,335	5,030	11,154	9,140	6,738	2,335	2,286	3,001	1,070	4,022	51,761
NP	PAK-ARAB	25,492	33,555	32,262	32,214	33,860	33,203	33,305	23,257	13,014	31,395	32,896	30,758	355,211
NP	Fatima Fertilizer Limited	43,486	43,989	35,862	45,591	44,170	44,780	42,893	41,373	45,152	44,062	39,608	43,403	514,369
NP	TOTAL	68,978	82,194	70,459	82,835	89,184	87,123	82,936	66,965	60,452	78,458	73,574	78,183	921,341
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	Agritech (HPFL)	7,167	3,963	6,931	7,439	6,605	4,967	5,908	4,742	6,750	7,029	4,843	7,150	73,494
SSP	Suraj Fertilizer	-	-	2,890	5,900	2,775	2,117	2,333	6,805	5,522	15	1,658	1,074	31,089
SSP	Safi Group	-	-	115	225	120	-	-	-	-	-	150	500	1,110
SSP	TOTAL	7,167	3,963	9,936	13,564	9,500	7,084	8,241	11,547	12,272	7,044	6,651	8,724	105,693
CAN	PAK-ARAB	21,158	26,094	22,516	24,049	28,182	27,929	27,313	30,046	12,657	26,974	27,055	29,147	303,120
CAN	Fatima Fertilizer Limited	40,544	41,721	34,525	42,901	43,198	43,444	40,043	39,139	43,844	40,413	39,601	40,424	489,797
Total CAN		61,702	67,815	57,041	66,950	71,380	71,373	67,356	69,185	56,501	67,387	66,656	69,571	792,917
DAP	FFC-SONA	74,982	73,225	72,300	76,447	77,136	72,751	16,850	38,271	66,103	70,846	75,291	75,244	789,446
SOP	Pacific	828	879	895	894	851	867	862	856	981	963	917	811	10,604
NPKs	EFERT	9,484	2,772	11,510	9,928	2,050	1,050	6,555	5,747	13,747	10,334	7,829	6,194	87,200
G. TOTAL		718,644	786,378	792,596	848,201	765,301	739,197	638,030	628,574	724,216	787,340	829,146	750,968	9,008,591
Nutrients														
	NITROGEN	274,419	305,538	307,646	326,126	290,153	281,312	249,813	241,461	278,486	302,854	323,086	285,160	3,466,054
	PHOSPHATE	53,287	53,939	53,759	58,839	58,176	55,020	29,293	36,223	49,262	51,566	52,150	53,014	604,527
	POTASH	2,257	938	2,555	2,260	795	623	1,742	1,509	3,070	2,207	1,917	1,434	21,305
	TOTAL	329,962	360,416	363,959	387,225	349,123	336,955	280,848	279,192	330,818	356,626	377,153	339,608	4,091,886

Continued...

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2021-22)

(tonnes)

PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PSFL)	74,981	74,199	72,355	75,591	73,469	73,713	77,786	69,826	77,179	74,477	76,706	73,082	893,364
UREA (P.)	FFC	143,057	143,660	137,139	134,090	142,248	141,387	131,282	133,320	145,202	139,475	139,053	138,640	1,668,553
UREA (G.)	FFBL	49,953	56,981	46,355	43,714	42,981	30,648	34,479	39,134	47,418	48,137	47,468	45,710	532,978
UREA	FATIMAFERT	-	-	3,970	45,414	43,656	41,802	43,586	30,973	45,157	42,294	30,096	37,032	363,980
UREA	Fatima Fertilizer Ltd	39,431	41,411	39,788	38,288	7,865	33,608	39,524	33,611	39,823	39,159	41,660	40,524	434,692
UREA	PAK-ARAB	10,181	1,546	8,816	1,530	2,444	10,560	10,604	9,796	10,620	10,454	7,607	9,804	93,962
UREA	EFERT	194,227	197,607	97,703	166,986	187,870	189,698	196,836	172,949	198,188	193,406	197,000	160,364	2,152,834
UREA	Agriotech (PAFL)	-	-	10,622	33,613	32,309	35,251	30,513	30,225	32,666	31,229	23,273	26,136	285,837
TOTAL UREA		511,830	515,404	416,748	539,226	532,842	556,667	564,610	519,834	596,253	578,631	562,863	531,292	6,426,200
NP	EFERT	2,396	4,636	3,194	5,688	7,990	6,127	6,823	5,806	4,805	6,093	6,905	7,708	68,171
NP	PAK-ARAB	31,743.0	33,228	32,728	35,890	28,900	26,936	31,135	26,950	29,350	31,397	25,902	32,437	366,596
NP	Fatima Fertilizer Ltd	44,677	43,130	43,091	42,969	11,636	25,742	46,249	40,205	44,120	42,698	45,516	36,947	466,980
NP	TOTAL	78,816	80,994	79,013	84,547	48,526	58,805	84,207	72,961	78,275	80,188	78,323	77,092	901,747
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	Agriotech (HPFL)	5,421	4,561	7,104	7,776	7,809	4,151	5,035	2,626	6,097	6,001	4,341	6,411	67,333
SSP	Suraj Fertilizer	2,870	3,860	2,552	6,068	2,830	369	16	1,808	2,563	1,073	3,539	2,695	30,243
SSP	Safi Group	850	800	500	600	300	300	-	100	80	90	100	30	3,750
SSP	TOTAL	9,141	9,221	10,156	14,444	10,939	4,820	5,051	4,534	8,740	7,164	7,980	9,136	101,326
CAN	PAK-ARAB	28,352	27,598	27,730	33,626	30,369	35,725	29,308	28,190	28,376	29,970	27,326	30,454	357,024
CAN	Fatima Fertilizer Ltd	41,899	40,143	41,602	43,493	12,500	38,729	44,532	39,711	43,422	41,910	42,535	38,194	468,670
Total CAN		70,251	67,741	69,332	77,119	42,869	74,454	73,840	67,901	71,798	71,880	69,861	68,648	825,694
DAP	FFC-SONA	73,691	76,819	72,142	74,759	74,444	75,955	74,791	70,371	77,269	74,809	79,030	72,473	896,553
SOP	Pacific	182	329	898	910	810	1,858	1,555	1,502	1,413	1,735	1,774	1,691	14,657
NPKs	EFERT	5,849	5,600	6,028	10,840	7,792	1,100	7,016	6,192	9,613	7,989	4,822	5,500	78,341
G. TOTAL		749,760	756,108	654,317	801,845	718,221	773,659	811,070	743,295	843,361	822,396	804,653	765,832	9,244,517
Nutrients														
	NITROGEN	285,005	287,603	241,593	302,081	281,638	302,754	312,499	286,877	325,920	316,885	309,086	292,688	3,544,629
	PHOSPHATE	52,393	56,913	54,168	58,928	48,990	49,497	56,101	50,965	56,919	53,384	54,296	51,665	644,220
	POTASH	1,047	1,172	1,635	2,406	1,852	1,149	2,089	1,875	2,540	2,233	1,822	1,836	21,655
	TOTAL	338,445	345,688	297,396	363,415	332,479	353,400	370,689	339,718	385,379	372,503	365,204	346,189	4,210,505

Continued...

Table 2.7 Fertilizer Production by Product and Manufacturer during 2012-13 to 2022-23

(2022-23)

													(tonnes)	
PRODUCT	SOURCE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
UREA (P)	FFC (PSFL)	37,629	62,149	71,306	77,799	75,087	77,231	75,230	67,343	61,782	73,554	67,248	74,603	820,961
UREA (P.)	FFC	107,863	114,813	137,863	94,326	133,462	138,320	147,781	133,355	147,872	142,327	146,356	140,067	1,584,405
UREA (G.)	FFBL	47,895	49,596	26,980	40,989	41,696	54,079	4,370	29,313	55,629	42,970	28,947	21,225	443,689
UREA	FATIMAFERT (DHCL)	42,347	42,610	40,377	44,272	39,288	44,813	2,160	-	-	38,264	46,337	36,649	377,117
UREA	Fatima Fertilizer Limited	44,244	45,011	44,106	41,507	39,915	43,163	42,137	39,466	43,570	43,587	25,907	40,977	493,590
UREA	PAK-ARAB	10,321	9,821	10,489	10,894	8,650	8,820	2,930	-	1,244	7,392	7,584	8,951	87,096
UREA	EFERT	94,442	187,232	167,876	125,350	81,389	179,924	202,914	185,299	187,669	199,278	137,266	202,156	1,950,795
UREA	Agritech (PAFL)	27,286	29,615	31,964	32,889	27,483	30,005	1,753	-	4,276	32,774	33,174	23,827	275,046
TOTAL UREA		412,027	540,847	530,961	468,026	446,970	576,355	479,275	454,776	502,042	580,146	492,819	548,455	6,032,699
NP	EFERT	-	4,420	6,239	9,040	10,450	-	-	-	6,050	4,300	9,300	1,650	51,449
NP	PAK-ARAB	32,725.0	32,767	32,753	32,112	31,054	35,358	24,451	-	7,271	32,652	32,861	30,716	324,720
NP	Fatima Fertilizer Limited	39,978	33,704	38,373	43,815	37,697	40,076	37,903	30,186	28,995	29,166	20,236	35,930	416,059
NP	TOTAL	72,703	70,891	77,365	84,967	79,201	75,434	62,354	30,186	42,316	66,118	62,397	68,296	792,228
SSP	LCFL (AL HAMD)	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	Agritech (HPFL)	3,427	4,152	5,084	6,546	6,563	7,027	3,959	3,124	8,504	6,224	7,208	8309	70,127
SSP	Suraj Fertilizer	1,743	-	-	3,250	1,095	-	-	-	-	-	-	-	6,088
SSP	Safi Group	40	30	20	30	-	-	-	-	-	-	-	-	120
SSP	TOTAL	5,210	4,182	5,104	9,826	7,658	7,027	3,959	3,124	8,504	6,224	7,208	8,309	76,335
CAN	PAK-ARAB	31,932	34,319	31,904	32,014	29,394	28,882	22,769	-	11,072	32,827	34,997	31,834	321,944
CAN	Fatima Fertilizer Limited	42,398	41,601	37,181	42,976	42,488	44,570	41,388	40,419	45,596	41,050	37,369	40,960	497,996
Total CAN		74,330	75,920	69,085	74,990	71,882	73,452	64,157	40,419	56,668	73,877	72,366	72,794	819,940
DAP	FFC-SONA	75,800	77,174	71,597	76,672	66,637	31,220	-	14,347	37,530	59,138	74,282	50,929	635,326
SOP	Pacific	-	3,207	1,447	1,247	30	-	205	794	912	1,255	1,551	1577	12,225
NPKs	EFERT	12,022	4,458	2,900	4,550	-	-	2,900	-	4,263	5,486	3,550	-	40,129
NPKs	Safi Group	-	-	-	-	-	-	-	-	-	-	-	-	-
G. TOTAL		652,092	776,679	758,459	720,278	672,378	763,488	612,850	543,646	652,235	792,244	714,173	750,360	8,408,882
Nutrients														
	NITROGEN	239,947	299,394	293,176	268,588	254,506	307,190	251,721	229,231	262,673	312,089	272,965	295,408	3,286,887
	PHOSPHATE	52,553	53,226	52,314	57,627	50,248	32,976	15,576	14,105	29,167	42,370	48,763	38,582	487,507
	POTASH	1,955	2,272	1,246	1,442	15	-	537	397	1,308	1,450	1,415	789	12,826
	TOTAL	294,455	354,893	346,735	327,657	304,769	340,166	267,834	243,733	293,148	355,909	323,143	334,779	3,787,220

Table 2.8 Imported Supply of Fertilizer by Products

('000 tonnes)

Year	Urea	AS	DAP	NP	TSP	MAP	SOP	SSP	MOP	Total Products
Kharif Season										
2012	512.5	0	242.8	0	0	0	1.6	0	0	757.0
2013	324.4	2.6	330.6	9.8	0	0	5.0	0	4.0	676.4
2014	121.7	1.5	524.2	1.5	0	0	2.9	0	13.6	665.4
2015	293.7	6.9	376.0	0	0	0	8.4	4.8	13.0	702.8
2016	0	11.7	482.9	0	0	0	4.1	5.4	10.4	514.4
2017	0	16.2	866.9	0	0	0	25.1	1.7	22.6	932.5
2018	0	10.6	1062.9	0	0	0	22.4	11.3	14.8	1122.0
2019	101.0	50.5	330.1	0	0	14.2	21.2	6.6	8.8	532.4
2020	0	65.7	546.1	0	0	10.1	13.5	0	22.2	657.5
2021	0	47.0	733.7	0	0	9.6	36.3	0	36.4	863.0
2022	102.6	3.9	185.4	0	0	0	13.1	0	0	305.0
Rabi Season										
2012-13	287.8	0.5	326.7	0.6	0	0	4.9	0	2.0	622.5
2013-14	862.0	0.5	556.9	2.3	0	0	0.9	0	9.5	1432.0
2014-15	559.0	2.4	502.6	0	0	0	2.2	0	16.3	1082.5
2015-16	49.8	4.6	832.5	5.3	0	0	4.2	8.7	0	905.0
2016-17	0	7.0	823.9	0	0	0	13.1	3.9	15.3	863.1
2017-18	0	4.1	838.7	0	0	0	21.6	8.4	13.4	886.3
2018-19	105.1	32.2	679.3	14	0	22.9	22.3	8.6	15.3	899.7
2019-20	0	25.1	848.2	0	0	22.1	8.0	0	15.4	918.8
2020-21	0	25.8	526.3	0	0	10.0	11.4	0	13.2	586.7
2021-22	100.2	7.6	394.3	0	0	15.8	11.8	0	27.4	557.1
2022-23	297.0	5.6	301.8	0	0.3	0.3	9.4	0	0	614.4
Fiscal Year										
2012-13	761.0	0.7	589.4	0.6	0	0	9.9	0	3.0	1364.7
2013-14	1155.1	2.9	933.3	12.1	0	0	2.8	0	21.1	2127.3
2014-15	649.6	7.0	1031.2	1.5	0	0	6.1	0	33.9	1729.4
2015-16	252.9	15.0	1200.7	5.3	0	0	12.0	17.1	3.4	1506.4
2016-17	0	14.5	1450.3	0	0	0	22.9	7.3	29.1	1524.1
2017-18	0	19.9	1777.8	0	0	0	48.8	12.2	37.1	1895.9
2018-19	105.1	59.4	1510.5	14	0	27.7	47.4	22.8	25.7	1812.7
2019-20	101.0	93.0	1211.4	0	0	41.4	19.6	0	23.7	1490.1
2020-21	0	91.6	1262.5	0	0	10.6	35.7	0	53.6	1454.1
2021-22	100.2	21.5	893.5	0	0	24.9	41.8	0	43.0	1124.9
2022-23	399.6	11.6	443.8	0	0.3	0.9	15.9	0	0.6	872.6

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2012-13)

Months								(tonnes)			
	Urea	DAP	NP	SOP	MOP	AS	Total Products	Nitrogen	Phosphate	Potash	Total Nutrients
July	31,247	83,072	-	-	-	-	114,319	29,327	38,213	-	67,540
August	96,410	40,530	-	-	-	-	136,940	51,644	18,644	-	70,288
Sep	192,333	27,331	-	-	-	-	219,664	93,393	12,572	-	105,965
Oct	92,436	145,755	-	1,006	613	-	239,810	68,756	67,047	871	136,675
Nov	105,798	83,179	562	1,004	1,408	-	191,951	63,763	38,375	1,347	103,484
Dec	3,583	54,198	-	-	-	-	57,781	11,404	24,931	-	36,335
Jan	-	43,585	-	2,196	-	500	46,281	7,950	20,049	1,098	29,098
Feb	27,636	-	-	735	-	-	28,371	12,713	-	367	13,080
Mar	58,346	-	-	-	-	-	58,346	26,839	-	-	26,839
April	28,971	-	-	-	991	243	30,205	13,378	-	595	13,972
May	74,000	24,215	-	1,996	-	-	100,211	38,399	11,139	998	50,536
June	50,244	87,562	-	3,007	-	-	140,813	38,873	40,279	1,504	80,655
Total	761,004	589,428	562	9,944	3,012	743	1,364,693	456,438	271,249	6,779	734,467

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2013-14)

Months	Urea	DAP	NP	SOP	MOP	AS	Total Products	(tonnes)			
								Nitrogen	Phosphate	Potash	Total Nutrients
July	53,878	-	-	-	500	1,390	55,768	25,076	-	300	25,376
August	109	35,732	3,300	-	2,500	988	42,629	7,415	17,097	1,500	26,012
Sep	117,460	183,094	6,478	-	-	-	307,032	88,414	85,519	-	173,933
Oct	157,102	238,483	-	-	-	-	395,585	115,194	109,702	-	224,896
Nov	138,507	188,071	2,300	-	794	-	329,672	98,072	86,973	477	185,521
Dec	251,360	57,021	-	-	1,032	-	309,413	125,889	26,230	619	152,738
Jan	295,979	28,490	-	900	2,972	-	328,341	141,279	13,105	2,233	156,617
Feb	19,005	12,714	-	-	-	500	32,219	11,136	5,848	-	16,984
Mar	-	32,122	-	-	4,661	-	36,783	5,782	14,776	2,797	23,355
April	30,868	20,319	-	750	4,218	-	56,155	17,857	9,347	2,906	30,109
May	62,000	27,975	-	-	3,963	-	93,938	33,556	12,869	2,378	48,802
June	28,870	109,265	-	1,100	507	-	139,742	32,948	50,262	854	84,064
Total	1,155,138	933,286	12,078	2,750	21,147	2,878	2,127,277	702,617	431,727	14,063	1,148,407

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2014-15)

Months	(tonnes)										
	Urea	DAP	NP	SOP	MOP	AS	Total Products	Nitrogen	Phosphate	Potash	Total Nutrients
July	-	75,744	-	150	2,952	-	78,846	13,634	34,842	1,846	50,322
August	-	138,168	-	-	-	-	138,168	24,870	63,557	-	88,428
Sep	-	152,731	1,519	888	1,934	1,519	158,591	28,145	70,560	1,604	100,309
Oct	-	162,034	-	-	1,916	1,367	165,317	29,453	74,536	1,150	105,138
Nov	-	165,150	-	-	6,998	25	172,173	29,732	75,969	4,199	109,900
Dec	259,312	92,667	-	-	2,030	-	354,009	135,964	42,627	1,218	179,808
Jan	201,883	25,377	-	979	1,827	1,049	231,115	97,654	11,673	1,586	110,913
Feb	40,648	52,699	-	-	2,843	-	96,190	28,184	24,242	1,706	54,131
Mar	57,159	4,639	-	1,239	693	-	63,730	27,128	2,134	1,035	30,297
April	90,618	30,663	-	1,925	6,348	-	129,554	47,204	14,105	4,771	66,080
May	-	34,140	-	613	4,033	-	38,786	6,145	15,704	2,726	24,576
June	-	97,177	-	339	2,291	3,085	102,892	18,140	44,701	1,544	64,385
Total	649,620	1,031,189	1,519	6,133	33,865	7,045	1,729,371	486,253	474,651	23,386	984,289

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2015-16)

Months												(tonnes)
	Urea	DAP	NP	SOP	MOP	AS	SSP	Total Products	Nitrogen	Phosphate	Potash	Total Nutrients
July	95,516	68,495	-	1,108	359	1,008	3,493	169,979	56,478	32,136	769	89,384
August	-	74,594	-	1,703	-	-	812	77,109	13,427	34,459	852	48,738
Sep	107,527	70,911	-	2,757	-	2,829	501	184,525	62,820	32,709	1,379	96,908
Oct	49,825	281,583	5,250	3,159	-	510	1,432	341,759	74,867	130,836	1,580	207,282
Nov	-	336,777	-	-	-	1,040	3,608	341,425	60,838	155,567	-	216,405
Dec	-	105,133	-	-	-	-	147	105,280	18,924	48,388	-	67,312
Jan	-	39,292	-	499	-	1,000	698	41,489	7,283	18,200	250	25,732
Feb	-	38,174	-	504	-	2,040	1,315	42,033	7,300	17,797	252	25,348
Mar	-	31,585	-	-	-	-	1,464	33,049	5,685	14,793	-	20,478
April	-	29,306	-	466	-	500	-	30,272	5,380	13,481	233	19,094
May	-	52,524	-	565	1,480	2,000	2524	59,093	9,874	24,615	1,171	35,660
June	-	72,371	-	1,229	1,534	4,080	1138	80,352	13,884	33,496	1,535	48,914
Total	252,868	1,200,745	5,250	11,990	3,373	15,007	17,132	1,506,365	336,760	556,476	8,019	901,255

Continued.....

Table 2.9 Fertilizer Imports by Products and Month-wise during 2012-13 to 2022-23

(2016-17)

Months	Urea	DAP	NP	SOP	MOP	AS	SSP	Total Products	(tonnes)			Total Nutrients
									Nitrogen	Phosphate	Potash	
July	-	164,465	-	216	-	2,456	1,198	168,335	30,119	75,870	108	106,097
August	-	61,814	-	466	1,483	-	240	64,003	11,127	28,478	1,123	40,727
Sep	-	102,392	-	1,146	5,879	2,698	270	112,385	18,997	47,149	4,100	70,246
Oct	-	274,734	-	1,812	4,645	-	1,526	282,717	49,452	126,652	3,693	179,797
Nov	-	331,375	-	1,802	204	-	2,258	335,639	59,648	152,839	1,023	213,510
Dec	-	101,032	-	461	1,451	1,040	84	104,068	18,404	46,490	1,101	65,995
Jan	-	22,964	-	3,212	2,769	754	-	29,699	4,292	10,563	3,267	18,123
Feb	-	75,179	-	3,448	2,056	1,540	-	82,223	13,856	34,582	2,958	51,396
Mar	-	18,620	-	2,323	4,188	3,635	-	28,766	4,115	8,565	3,674	16,354
April	-	22,249	-	5,350	769	1,502	-	29,870	4,320	10,235	3,136	17,691
May	-	193,538	-	-	4,741	836	576	199,691	35,012	89,131	2,845	126,988
June	-	81,968	-	2,674	905	-	1138	86,685	14,754	37,910	1,880	54,544
Total	-	1,450,330	-	22,910	29,090	14,461	7,290	1,524,081	264,096	668,464	28,909	961,469

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2017-18)

Months	Urea	DAP	NP	SOP	MOP	AS	SSP	Total Products	(tonnes)			
									Nitrogen	Phosphate	Potash	Total Nutrients
July	-	302,997	-	5,706	3,009	-	2	311,714	54,539	139,379	4,658	198,577
August	-	125,617	-	4,889	4,814	12,385	-	147,705	25,212	57,784	5,333	88,329
Sep	-	140,569	-	6,450	8,371	1,470	-	156,860	25,611	64,662	8,248	98,520
Oct	-	240,675	-	4,728	2,558	-	1,881	249,842	43,322	111,049	3,899	158,269
Nov	-	289,033	-	4,969	4,605	1,000	1,880	301,487	52,236	133,294	5,248	190,777
Dec	-	103,445	-	1,133	1,486	1,040	276	107,380	18,839	47,634	1,458	67,931
Jan	-	65,092	-	4,459	1,486	-	693	71,730	11,717	30,067	3,121	44,905
Feb	-	88,966	-	3,394	1,098	500	1,328	95,286	16,119	41,163	2,356	59,638
Mar	-	51,498	-	2,880	2,226	1,546	2,389	60,539	9,594	24,119	2,776	36,489
April	-	44,885	-	4,477	2,289	1,780	1,607.00	55,038	8,453	20,936	3,612	33,001
May	-	183,074	-	5,177	1,924	208	1,003	191,386	32,997	84,395	3,743	121,134
June	-	141,985	-	521	3,259	-	1163	146,928	25,557	65,522	2,216	93,296
Total	-	1,777,836	0	48,783	37,125	19,929	12,222	1,895,895	324,196	820,005	46,667	1,190,867

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2018-19)

(tonnes)

Months	Urea	DAP	NP	SOP	MOP	AS	SSP	MAP	Total Products	Nitrogen	Phosphate	Potash	Total Nutrients
July	-	182,313	-	3,785	1,049	500	2,388	-	190,035	32,921	84,294	2,522	119,737
August	-	272,737	-	3,155	2,450	3,280	2,059	-	283,681	49,781	125,830	3,048	178,659
Sep	-	237,864	-	5,310	3,839	4,858	3,094	-	254,965	43,836	109,974	4,958	158,768
Oct	-	238,799	-	4,682	2,033	11,525	3,838	-	260,877	45,404	110,538	3,561	159,503
Nov	-	221,339	5,200	1,232	550	1,567	-	-	229,888	41,314	102,856	946	145,116
Dec	105,126	89,906	2,800	956	213	735	440	1,137	201,313	65,425	42,564	606	108,595
Jan	-	39,291	3,000	3,436	6,058	11,262	1,687	19,671	84,405	12,065	28,813	5,353	46,230
Feb	-	7,438	3,000	4,651	2,539	1,936	382	1,319	21,265	2,537	4,750	3,849	11,136
Mar	-	82,529	-	7,349	3,870	5,163	2,251	756	101,918	16,015	38,747	5,997	60,758
April	-	34,202	-	4,037	1,783	6,511	1,780.00	500	48,813	7,574	16,303	3,088	26,965
May	-	21,272	-	4,379	1,297	5,342	1,862	4,335	38,487	5,384	12,288	2,968	20,640
June	-	82,856	-	4,487	-	6,681	3,000	-	97,024	16,317	38,654	2,244	57,214
Total	105,126	1,510,546	14,000	47,459	25,681	59,360	22,781	27,718	1,812,671	338,574	715,611	39,138	1,093,322

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2019-20)

(tonnes)

Months	Urea	DAP	NP	SOP	MOP	AS	SSP	MAP	Total Products	Nitrogen	Phosphate	Potash	Total Nutrients
July	100,972	32,800	-	3,257	549	10,240	-	-	147,818	54,502	15,088	1,958	71,547
August	-	33,592	-	1,134	3,628	3,018	-	-	41,372	6,680	15,452	2,744	24,876
Sep	-	125,366	-	3,897	1,527	18,726	-	9,360	158,876	27,434	62,348	2,865	92,647
Oct	-	460,597	-	403	5,266	8,986	-	22,000	497,252	86,995	222,875	3,361	313,230
Nov	-	247,300	-	1,720	550	2,500	-	-	252,070	45,039	113,758	1,190	159,987
Dec	-	55,000	-	-	-	-	-	-	55,000	9,900	25,300	-	35,200
Jan	-	16,483	-	1,259	3,520	2,760	-	-	24,022	3,547	7,582	2,742	13,870
Feb	-	-	-	2,633	3,996	4,000	-	50	10,679	845	25	3,714	4,584
Mar	-	68,772	-	2,016	2,117	6,890	-	-	79,795	13,826	31,635	2,278	47,739
April	-	26,073	-	2,004	275	15,851	-	-	44,203	8,022	11,994	1,167	21,182
May	-	70,854	-	550	1,540	20,000	-	50	92,994	16,959	32,618	1,199	50,776
June	-	74,561	-	774	770	-	-	9,900	86,005	14,411	39,248	849	54,508
Total	100,972	1,211,398	-	19,647	23,738	92,971	-	41,360	1,490,086	288,159	577,923	24,066	890,148

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2020-21)

(tonnes)

Months	Urea	DAP	NP	SOP	MOP	AS	SSP	MAP	Total Products	Nitrogen	Phosphate	Potash	Total Nutrients
July	-	111,008	-	4,069	6,231	500	-	52	121,860	20,092	51,090	5,773	76,954
August	-	83,953	-	2,058	8,220	7,500	-	-	101,731	16,687	38,618	5,961	61,266
Sep	-	179,637	-	4,040	5,193	21,829	-	52	210,751	36,924	82,659	5,136	124,719
Oct	-	100,479	-	2,016	3,553	520	-	-	106,568	18,195	46,220	3,140	67,556
Nov	-	153,700	-	432	1,464	18,765	-	52	174,413	31,612	70,728	1,094	103,434
Dec	-	128,717	-	2,021	2,200	-	-	275	133,213	23,197	59,347	2,331	84,874
Jan	-	61,156	-	1,907	1,942	6,500	-	-	71,505	12,373	28,132	2,119	42,624
Feb	-	850	-	1,264	1,008	-	-	-	3,122	153	391	1,237	1,781
Mar	-	81,433	-	3,737	2,987	-	-	9,717	97,874	15,630	42,318	3,661	61,608
April	-	52,820	-	7,364	7,562	26,535	-	-	94,281	15,080	24,297	8,219	47,596
May	-	93,422	-	3,634	7,706	9,466	-	264	114,492	18,830	43,106	6,441	68,377
June	-	215,349	-	3,173	5,545	-	-	196	224,263	38,782	99,159	4,913	142,854
Total	-	1,262,524	-	35,715	53,611	91,615	-	10,608	1,454,073	247,554	586,065	50,024	883,643

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2021-22)

(tonnes)

Months	Urea	DAP	NP	SOP	MOP	AS	SSP	MAP	Total Products	Nitrogen	Phosphate	Potash	Total Nutrients
July	-	167,432	-	12,692	6,662	150	-	104	187,040	30,180	77,071	10,343	117,594
August	-	81,777	-	5,213	2,035	3,982	-	9,000	102,007	16,456	42,117	3,828	62,401
Sep	-	122,929	-	4,221	6,911	6,843	-	-	140,904	23,564	56,547	6,257	86,369
Oct	-	274,276	-	2,248	7,339	5,158	-	7,000	296,021	51,153	129,667	5,527	186,347
Nov	-	30,736	-	5,974	17,976	-	-	8,800	63,486	6,412	18,539	13,773	38,724
Dec	-	-	-	1,722	523	-	-	-	2,245	-	-	1,175	1,175
Jan	-	54,863	-	1,075	-	1,500	-	-	57,438	10,190	25,237	538	35,965
Feb	50,298	15,725	-	632	14	-	-	-	66,669	25,968	7,234	324	33,525
Mar	49,900	18,700	-	182	1,500	964	-	-	71,246	26,522	8,602	991	36,115
April	-	60,075	-	3,161	-	1,470	-	-	64,706	11,122	27,635	1,581	40,337
May	-	43,976	-	2,400	-	482	-	-	46,858	8,017	20,229	1,200	29,446
June	-	23,042	-	2,252	-	942	-	-	26,236	4,345	10,599	1,126	16,071
Total	100,198	893,531	-	41,772	42,960	21,491	-	24,904	1,124,856	213,930	423,476	46,662	684,068

Continued.....

Table 2.9 Month-wise Fertilizer Imports during 2012-13 to 2022-23

(2022-23)

(tonnes)

Months	Urea	DAP	NP	SOP	MOP	AS	TSP	MAP	Total Products	Nitrogen	Phosphate	Potash	Total Nutrients
July	-	32,593	-	1,898	-	908	-	-	35,399	6,057	14,993	949	21,999
August	-	407	-	573	-	49	-	-	1,029	84	187	287	557
Sep	102,614	25,346	-	2,798	-	-	-	-	130,758	51,765	11,659	1,399	64,823
Oct	102,157	27,500	-	8,990	-	960	-	300	139,907	52,174	12,800	4,495	69,469
Nov	-	239,053	-	-	-	1,061	-	-	240,114	43,252	109,964	-	153,217
Dec	194,800	20	-	450	-	-	-	-	195,270	89,612	9	225	89,846
Jan	-	7,615	-	2	-	500	-	-	8,117	1,476	3,503	1	4,980
Feb	-	-	-	-	-	1,012	-	-	1,012	213	-	-	213
Mar	-	27,600	-	-	-	2,040	300	-	29,940	5,396	12,834	-	18,230
April	-	-	-	661	576	3,045	-	-	4,282	639	-	676	1,316
May	-	34,103	-	-	-	1,018	-	624	35,745	6,415	15,999	-	22,414
June	-	49,539	-	504	-	1,021	-	-	51,064	9,131	22,788	252	32,171
Total	399,571	443,776	-	15,876	576	11,614	300	924	872,637	266,214	204,737	8,284	479,234

Table 2.10 Total Fertilizer Availability of both Domestic and Imported Fertilizers (Opening Balance + Domestic Production + Imported Supply) by Products

('000 tonnes)

Year	Urea	CAN	AS	SSP	DAP	NP	TSP	SOP	NPK's	MOP	MAP	Total
Kharif Season												
2012	3379.3	284.7	0	85.9	774.6	283.6	0	18.4	43.7	8.3	3.8	4882.4
2013	3039.0	276.0	2.9	81.6	929.6	218.1	0	12.7	39.3	7.8	0.2	4607.3
2014	2957.3	287.9	3.5	85.6	1023.7	246.7	0	6.2	47.4	21.9	0.2	4680.3
2015	3191.1	455.9	9.6	85.8	937.5	416.2	0	14.2	39.4	22.8	0.2	5172.8
2016	4287.3	611.4	14.3	65.5	1179.6	464.8	0	13.1	57.4	19.4	0.2	6712.9
2017	4457.2	677.9	19.0	64.2	1385.4	455.9	0	31.3	50.6	32.5	0.2	7174.1
2018	3015.0	393.8	13.4	55.2	1634.1	257.4	0	31.9	48.8	27.1	0.2	5476.8
2019	3501.2	268.0	55.6	38.3	1375.7	373.9	0	40.6	65.0	20.7	28.8	5767.8
2020	3694.8	425.8	81.2	46.4	1455.2	553.4	0	36.3	50.8	31.6	30.7	6406.2
2021	3404.5	478.9	49.9	72.6	1235.4	732.1	0	43.4	46.3	40.7	12.0	6115.9
2022	3459.2	434.9	13.1	49.1	912.7	796.9	0	34.1	45.5	14.8	5.0	5765.2
Rabi Season												
2012-13	3084.0	272.0	0.5	112.4	905.6	278.2	0	17.3	43.6	6.6	2.5	4722.6
2013-14	3470.9	268.7	2.0	94.2	1165.1	274.9	0	6.7	47.7	14.5	0.2	5344.9
2014-15	3259.3	280.5	4.9	98.0	1280.3	259.9	0	8.4	54.1	24.3	0.2	5270.0
2015-16	3636.5	539.1	8.0	100.1	1726.5	532.3	0	14.9	66.6	13.5	0.2	6637.8
2016-17	4424.1	701.1	13.2	83.0	1685.3	480.3	0	21.4	55.4	26.5	0.2	7490.5
2017-18	3443.1	537.2	10.6	72.7	1599.2	342.0	0	35.1	53.3	30.0	0.2	6123.5
2018-19	3143.8	292.0	36.7	73.1	1764.1	304.7	0	36.4	63.8	25.7	23.1	5763.5
2019-20	3478.3	302.8	46.1	38.6	1577.5	358.0	0	37.2	50.5	22.7	33.9	5945.5
2020-21	3490.2	474.7	56.6	68.6	1171.1	642.0	0	26.3	44.2	24.4	10.2	6008.3
2021-22	3525.8	454.7	23.1	70.5	1194.6	761.8	0	33.5	48.7	43.0	18.7	6174.2
2022-23	3518.4	436.2	10.4	55.8	988.6	854.7	0.3	35.0	34.7	6.4	1.7	5842.2
Fiscal Year												
2012-13	5380.5	425.0	0.7	144.5	1582.5	444.0	0	24.9	61.5	9.9	3.0	8076.6
2013-14	6247.1	519.1	3.2	137.5	1858.9	484.3	0	11.9	33.8	25.3	0.2	9321.3
2014-15	6201.0	580.4	8.3	134.0	2024.9	586.3	0	10.9	83.0	43.7	0.2	9672.6
2015-16	6235.6	743.6	15.4	140.9	2211.0	711.5	0	17.9	87.0	17.3	0.2	10180.4
2016-17	7587.5	1036.7	19.5	114.2	2643.7	808.6	0	32.9	90.6	38.8	0.2	12372.7
2017-18	6460.8	790.5	20.9	108.1	2859.1	583.9	0	56.3	83.8	48.1	0.2	11011.7
2018-19	6143.8	573.4	61.4	111.1	2701.8	521.0	0	68.6	103.6	41.6	27.9	10354.2
2019-20	6455.2	594.0	99.3	70.9	2452.5	726.9	0	53.1	85.6	34.3	51.9	10623.6
2020-21	6714.1	884.7	118.7	112.4	2525.9	1085.5	0	59.2	100.2	60.6	35.1	11696.4
2021-22	6958.0	848.8	35.1	124.1	2143.3	1215.7	0	63.9	97.9	61.0	25.2	11573.0
2022-23	6688.3	849.7	16.9	93.0	1416.5	1170.8	0.3	49.4	51.4	12.3	2.9	10351.5

Table 2.11 Total Fertilizer Availability of both Domestic and Imported Fertilizers (Opening Balance+Domestic Production+Imported Supply) by Nutrient

('000 Nutrient tonnes)

Year	N	P ₂ O ₅	K ₂ O	Total Nutrients
Kharif Season				
2012	1832.17	437.82	19.49	2289.49
2013	1684.16	493.71	16.04	2193.92
2014	1674.47	546.23	22.36	2243.06
2015	1850.06	545.31	25.20	2420.58
2016	2451.48	673.58	25.75	3150.81
2017	2581.23	765.66	41.86	3388.75
2018	1849.89	841.07	38.75	2729.71
2019	2029.89	753.68	42.26	2825.83
2020	2210.82	817.43	45.94	3074.19
2021	2092.33	753.15	54.35	2899.83
2022	2049.83	599.12	33.92	2682.87
Rabi Season				
2012-13	1713.99	504.26	18.12	2236.37
2013-14	1945.76	626.68	15.81	2588.24
2014-15	1862.90	675.53	25.72	2564.15
2015-16	2252.01	951.31	24.86	3228.19
2016-17	2634.00	917.47	34.14	3585.61
2017-18	2097.64	849.40	42.89	2989.92
2018-19	1925.17	929.67	43.12	2897.96
2019-20	2057.44	845.15	41.51	2944.09
2020-21	2105.03	712.47	36.16	2853.66
2021-22	2137.21	743.97	51.69	2932.87
2022-23	2104.11	652.69	27.43	2784.23
Fiscal Year				
2012-13	2974.86	862.82	26.83	3864.52
2013-14	3455.51	999.72	32.03	4487.26
2014-15	3506.11	1100.78	44.21	4651.11
2015-16	3632.35	1224.60	31.92	4888.87
2016-17	4428.72	1443.43	53.22	5925.37
2017-18	3832.79	1490.77	69.80	5393.36
2018-19	3608.85	1428.97	75.73	5113.55
2019-20	3761.62	1352.62	63.41	5177.64
2020-21	4047.20	1454.17	83.74	5585.11
2021-22	4100.86	1301.21	86.20	5488.27
2022-23	3821.08	924.60	40.98	4786.66

**Table 2.12 (a) Fertilizer Nutrients Supply/Demand Balance in Pakistan
during 2023-24 to 2027-28**

('000 tonnes)

Year	Capacity			Demand			Surplus / Deficit		
	N	P	K	N	P	K	N	P	K
2023-24	3490	622	23	3892	1023	46	-402	-401	-23
2024-25	3490	622	33	3777	1167	60	-287	-545	-27
2025-26	3490	622	33	3871	1225	63	-381	-603	-30
2026-27	3490	622	33	3968	1286	66	-478	-664	-33
2027-28	3490	622	33	4067	1351	70	-577	-729	-37

Note: The figures for offtake during 2023-24 are estimates while from 2024-25 to 2027-28 are projections.

**Table 2.12 (b) Fertilizer Products Supply/Demand Balance in Pakistan
during 2023-24 to 2027-28**

('000 tonnes)

Year	Capacity		Demand		Surplus / Deficit	
	Urea	DAP	Urea	DAP	Urea	DAP
2023-24	6347	675	6579	1614	-232	-939
2024-25	6347	675	6806	1973	-459	-1298
2025-26	6347	675	6874	2072	-527	-1397
2026-27	6347	675	6943	2175	-596	-1500
2027-28	6347	675	7013	2284	-666	-1609

Note: The figures for offtake during 2023-24 are estimates while from 2024-25 to 2027-28 are projections.

Table 2.13 Fertilizer Exports

('000 tonnes)

Year	Urea	CAN	Total N
Kharif Season			
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	421	19	199
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022	0	0	0
Rabi Season			
2012-13	0	0	0
2013-14	0	0	0
2014-15	0	0	0
2015-16	0	0	0
2016-17	31	2	15
2017-18	183	0	84
2018-19	0	0	0
2019-20	0	0	0
2020-21	0	0	0
2021-22	0	0	0
2022-23	0	0	0
Fiscal Year			
2012-13	0	0	0
2013-14	0	0	0
2014-15	0	0	0
2015-16	0	0	0
2016-17	115	21	58
2017-18	520	0	239
2018-19	0	0	0
2019-20	0	0	0
2020-21	0	0	0
2021-22	0	0	0
2022-23	0	0	0

Fertilizer Offtake

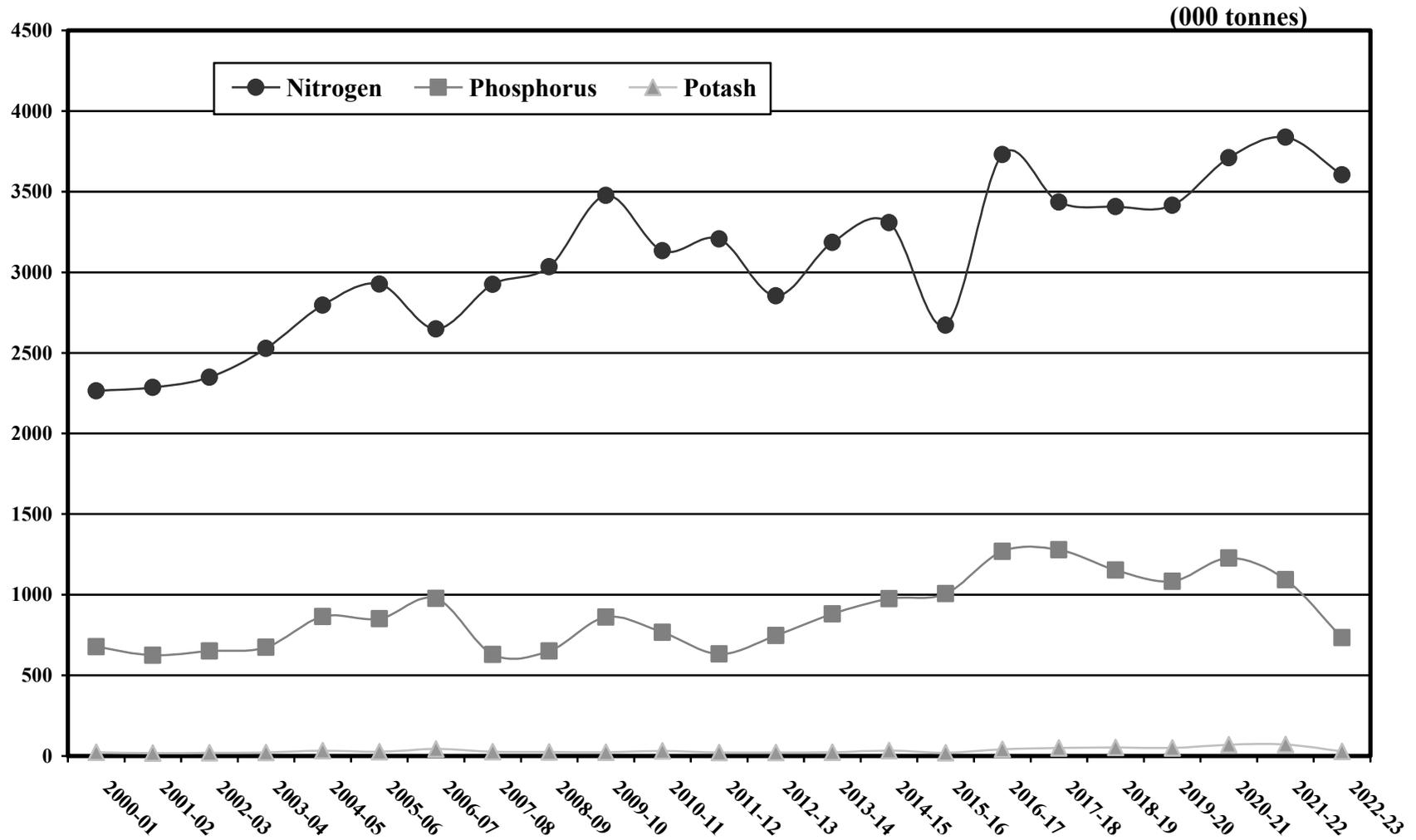


Fig 4. Fertilizer Offtake in Pakistan (Nutrient)

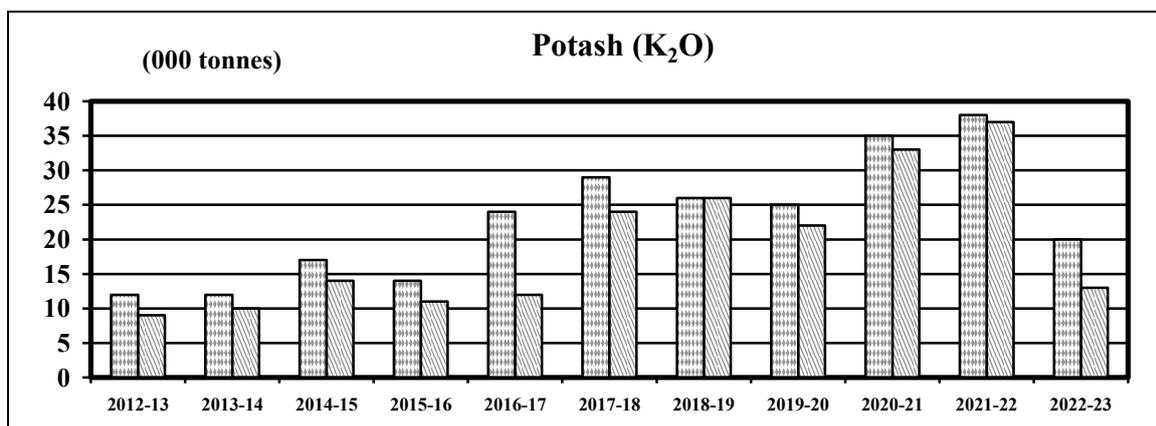
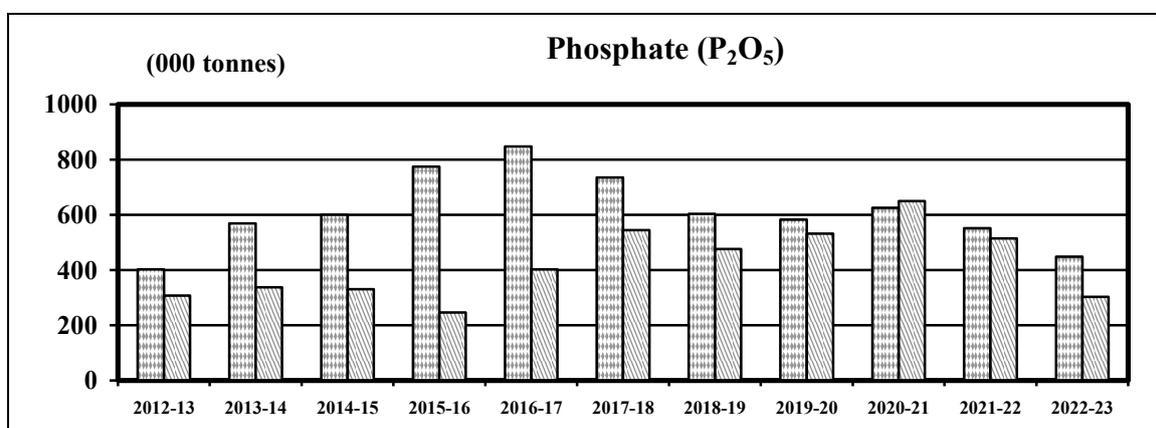
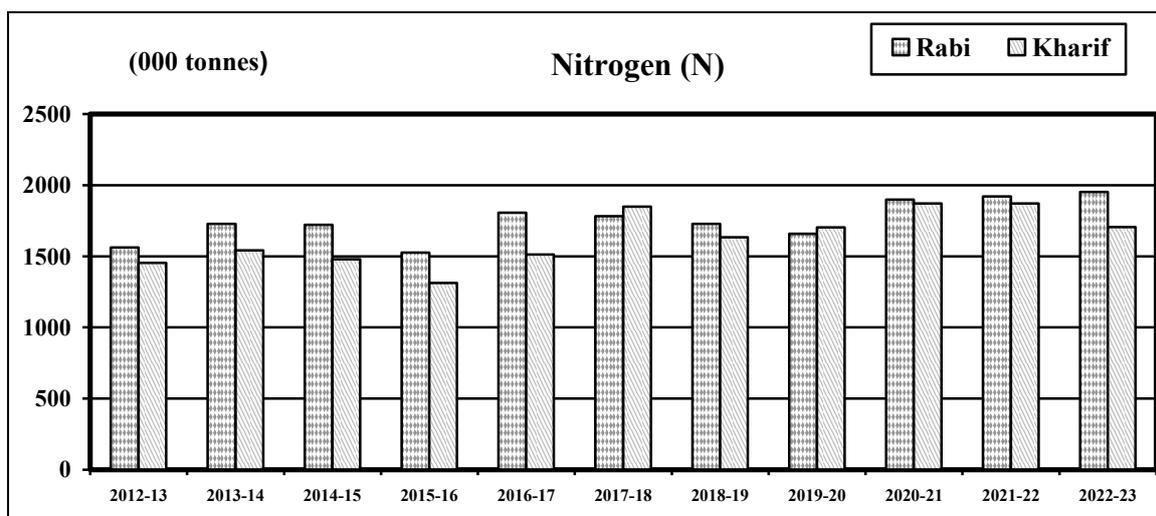


Fig. 5 Seasonal Trend of Nutrient Offtake

Table 3.1 Historical Data on Fertilizer Offtake by Nutrients

('000 nutrient tonnes)

Fiscal Year	Nitrogen	Phosphate	Potash	NPK
1980-81	842.93	226.90	9.63	1079.46
1981-82	830.55	225.19	21.74	1077.48
1982-83	952.66	265.26	25.65	1243.57
1983-84	914.30	259.80	28.48	1202.58
1984-85	934.85	293.91	24.68	1253.44
1985-86	1128.14	349.78	33.21	1511.13
1986-87	1332.50	408.87	42.51	1783.88
1987-88	1281.65	393.45	45.12	1720.22
1988-89	1324.83	390.61	24.53	1739.97
1989-90	1467.87	382.45	40.07	1890.39
1990-91	1471.64	388.50	32.76	1892.90
1991-92	1462.62	398.01	23.30	1883.93
1992-93	1635.36	488.20	24.06	2147.63
1993-94	1659.35	464.26	23.17	2146.78
1994-95	1738.10	428.41	16.55	2183.06
1995-96	1990.85	494.45	29.67	2514.97
1996-97	1985.08	419.47	8.43	2412.98
1997-98	2075.10	550.92	20.03	2646.05
1998-99	2096.98	465.00	21.28	2583.26
1999-00	2217.77	597.16	18.50	2833.42
2000-01	2264.23	675.76	23.06	2963.05
2001-02	2285.30	624.54	18.75	2928.60
2002-03	2349.11	650.16	20.49	3019.76
2003-04	2526.73	673.46	21.79	3221.98
2004-05	2796.42	865.11	32.51	3694.04
2005-06	2926.62	850.53	27.04	3804.19
2006-07	2649.73	978.76	43.11	3671.61
2007-08	2924.61	629.70	26.92	3581.22
2008-09	3034.91	651.16	25.25	3711.33
2009-10	3476.29	860.44	23.76	4360.49
2010-11	3133.50	766.99	32.27	3932.76
2011-12	3206.52	633.19	21.24	3860.95
2012-13	2853.45	746.94	20.81	3621.20
2013-14	3184.53	880.89	23.67	4089.09
2014-15	3308.04	974.99	32.86	4315.89
2015-16	2671.90	1007.33	20.05	3699.28
2016-17	3729.78	1268.90	41.44	5040.12
2017-18	3434.82	1278.61	49.93	4763.36
2018-19	3407.68	1153.34	53.37	4614.39
2019-20	3414.66	1083.72	50.19	4548.57
2020-21	3710.75	1228.07	69.28	5008.09
2021-22	3838.06	1092.54	70.87	5001.47
2022-23	3603.88	733.65	28.76	4366.29

Source: National Fertilizer Development Centre

Table 3.2 Fertilizer Offtake by Product, Province and Country

PUNJAB

('000 tonnes)

Year	Urea	CAN	AS	SSP	DAP	NP	TSP	SOP	NPKs	MOP	MAP	Total
Kharif Season												
2012	1763	194	0	36	382	148	0	5.5	12	3.3	0.9	2543
2013	1853	200	0.9	30	442	129	0	5.7	17	2.2	0	2680
2014	1771	200	0.6	23	422	167	0	0.5	16	11	0	2611
2015	1565	190	3	29	264	157	0	2	12	7	0	2228
2016	1693	195	6.4	20	454	220	0	4.2	20	7.1	0	2621
2017	2173	275	8.6	28	707	250	0	15	14	13	0	3484
2018	1871	258	6	33	657	160	0	17	16	14	0	3032
2019	2059	179	27	22	692	181	0	14	20	12	11	3217
2020	2143	267	34	34	795	248	0	25	29	15	19	3608
2021	2,165	319	27	44	677	281	0	25	25	23	6	3594
2022	2146	270	6	26	348	211	0	5.4	16	5.4	2.5	3037
Rabi Season												
2012-13	2,088	163	.2	50	503	191	0.01	7.5	17	2.9	2.3	3025
2013-14	2164	173	0	42	759	174	0	2.2	23	5.0	0	3342
2014-15	2064	174	1.8	55	857	176	0	1.8	24	12	0	3363
2015-16	1592	179	4.8	61	1074	276	0	4.6	28	3.3	0	3222
2016-17	1958	277	8.9	38	1220	268	0	12	18	14	0	3814
2017-18	2024	309	6.6	47	1039	212	0	20	14	15	0	3686
2018-19	2091	199	26	56	829	124	0	16	18	11	6.5	3376
2019-20	1897	200	24	33	753	175	0	16	15	12	9	3134
2020-21	2214	335	47	43	818	269	0	18	24	18	6	3791
2021-22	2350	323	10	53	682	280	0	18	23	17	10	3766
2022-23	2363	310	5.6	25	501	318	0.3	20	12	3	2	3561
Fiscal Year												
2012-13	3607	310	0.4	78	971	304	0.01	13	32	5.5	2.8	5323
2013-14	3854	405	1.1	68	1149	328	0	5.1	39	12	0	5861
2014-15	3972	374	4.7	83	1320	374	0	3.8	41	24	0	6194
2015-16	2949	292	8.3	83	1296	440	0	6.1	40	5.8	0	5119
2016-17	4233	582	15	63	1723	534	0	21	37	24	0	7231
2017-18	3908	541	15	78	1779	389	0	33	27	27	0	6796
2018-19	4021	437	42	84	1563	283	0	34	36	26	12	6538
2019-20	3992	387	55	61	1395	372	0	35	36	24	17	6375
2020-21	4335	672	85	81	1576	537	0	44	51	36	23	7440
2021-22	4565	584	22	92	1369	564	0	36	53	37	17	7339
2022-23	4425	621	10	52	820	607	0.3	28	20	5	2	6591

Continued.....

Table 3.2 Fertilizer Offtake by Product, Province and Country

SINDH

('000 tonnes)

Year	Urea	CAN	AS	SSP	DAP	NP	TSP	SOP	NPKs	MOP	MAP	Total
Kharif Season												
2012	477	54	0	0.1	94	54	0.01	0.7	3.9	0.3	0.4	684
2013	683	73	0.2	0.5	111	51	0	0.8	6	0.3	0	926
2014	680	64	0.1	0.1	111	47	0	0.4	8.7	1.5	0	912
2015	649	82	0.7	1.3	105	50	0	0.8	7.6	0.9	0	897
2016	780	55	0.8	4.6	177	74	0	0.3	7.4	0.6	0	1099
2017	847	97	3	0.1	204	85	0	2	12	1.9	0	1253
2018	811	71	2.2	4.5	187	56	0	2.6	97	1.2	0	1145
2019	735	41	4.5	6.3	206	85	0	1.1	11	0.6	5.8	1096
2020	740	84	6.1	0.2	269	105	0	2.1	12	1.2	9.5	1229
2021	775	106	4.8	5.4	158	94	0	3.4	12	1.4	2.4	1163
2022	746	110	1.6	2.7	117	73	0	0.5	5	4.2	0.9	1061
Rabi Season												
2012-13	432	44	0	2.4	100	68	0	1.3	6.1	0.3	0.01	654
2013-14	652	34	0	0.9	229	70	0	0.9	9	0.6	0	996
2014-15	720	36	0.2	1.3	201	56	0	0.7	9.7	2	0	1027
2015-16	688	33	0.3	1.3	303	74	0	1.1	14	0.9	0	1127
2016-17	705	71	0.8	4.5	301	91	0	2.5	12	1.2	0	1190
2017-18	704	63	0.7	4.7	279	82	0	4.5	9	1.1	0	1148
2018-19	719	50	4.4	5.2	261	56	0	4.3	11	1.2	2	1114
2019-20	706	49	4.3	0.1	239	77	0	3.4	12	0.9	4.4	1095
2020-21	743	67	4.5	0.2	225	95	0	5.1	16	2.4	2.2	1160
2021-22	755	128	5.1	3.6	194	111	0	2.6	13	14	3.6	1230
2022-23	815	127	1.0	0.7	157	103	0	2.8	5.8	2.5	0.5	1215
Fiscal Year												
2012-13	933	110	0	2.5	203	120	0	2.1	12	0.5	0.05	1382
2013-14	1334	103	0.3	1.3	342	121	0	1.5	16	1.6	0	1774
2014-15	1458	113	0.8	1.7	333	111	0	1.6	19	3.5	0	2041
2015-16	1271	88	0.9	1.7	415	134	0	1.5	20	1.2	0	1948
2016-17	1646	166	2.1	6.2	462	166	0	3.4	23	1.7	0	2475
2017-18	1504	129	3	6.1	495	150	0	6.3	19	3	0	2316
2018-19	1521	103	9	13	490	133	0	6.9	23	2.3	5.6	2306
2019-20	1491	112	9.1	2.0	422	155	0	4.8	22	1.5	9.7	2230
2020-21	1348	176	10.8	2.1	450	192	0	7.6	26	3.6	9.3	2226
2021-22	1630	235	8.0	8.6	391	213	0	5.2	24	18	6.1	2539
2022-23	1522	220	1.8	3.3	242	171	0	3.3	10	4.6	0.6	2179

Continued.....

Table 3.2 Fertilizer Offtake by Product, Province and Country

KP

('000 tonnes)

Year	Urea	CAN	AS	SSP	DAP	NP	TSP	SOP	NPKs	MOP	MAP	Total
Kharif Season												
2012	263	16	0	4.8	42	9.2	0	1.3	2	0.05	0.01	339
2013	204	0.09	0.1	4.1	43	6.4	0	0.2	0.9	0.2	0	259
2014	160	0.24	0.12	7.2	33	13	0	0.03	2	0.6	0	217
2015	138	0.1	0.7	4.4	25	9	0	0.3	0.8	0.8	0	180
2016	167	0.04	0.4	5.8	31	16	0	0.2	1.6	0.3	0	223
2017	131	0.12	0.5	4	33	11	0	0.5	1.8	0.5	0	183
2018	119	0.06	0.4	2.4	32	4.2	0	0.7	2.4	1.0	0	162
2019	132	0.27	2.3	1.2	35	13	0	0.7	3.1	0.5	0.01	188
2020	156	2.79	3.9	5.0	46	17	0	0.8	1.8	0.9	0	234
2021	141	1.8	1.4	0.7	29	7.6	0	0.7	1.6	0.4	0	184
2022	159	0	0.9	4.7	14	11	0	0	1.1	0.1	0	191
Rabi Season												
2012-13	209	7.90	0	3.7	54	9.6	0	0.4	3.2	0.1	0.2	288
2013-14	164	0.03	0	5.8	53	12	0	0.1	3.0	0.4	0	238
2014-15	158	0.24	0.1	8.3	56	12	0	0.1	4.6	0.5	0	239
2015-16	118	0.05	0.3	8	48	10	0	0.1	4.4	0.1	0	190
2016-17	137	0.01	0.5	9.3	57	19	0	0.5	4.4	0.9	0	228
2017-18	121	0.20	0.4	8	53	10	0	0.6	5.6	0.8	0	200
2018-19	132	0.24	1.3	3.8	38	7	0	0.5	8.0	1.0	0	192
2019-20	139	0.90	1.3	1.9	36	12	0	0.8	6.2	0.5	0	199
2020-21	164	1.48	1.3	3.5	39	14	0	1.5	7.6	0.7	0	233
2021-22	143	0.03	1.2	3.4	31	15	0	0.6	4.5	0.5	0	199
2022-23	172	0	0.8	6.4	29	23	0	1.1	3.8	0.5	0	236
Fiscal Year												
2012-13	410	10	0	6.2	99	14	0	1	5.5	0.12	0.22	546
2013-14	338	0.3	0.2	12	86	25	0	0.3	3.9	0.9	0	466
2014-15	313	0.4	0.7	16	97	24	0	0.4	6.6	1.5	0	460
2015-16	251	0.1	0.7	12	70	19	0	0.09	5.1	0.3	0	358
2016-17	323	0.1	0.9	15	84	34	0	1	7	1.2	0	466
2017-18	227	0.3	0.7	11	86	17	0	0.9	7.9	1.4	0	352
2018-19	250	0.5	2.8	4.6	75	15	0	1.1	10	1.9	0.01	361
2019-20	282	2.6	4.5	6.3	73	25	0	1.6	8.4	1.2	0.01	404
2020-21	326	3.6	4.0	5.5	79	29	0	2.3	9.3	1.5	0	460
2021-22	285	0.8	2.0	6.3	59	24	0	1.1	6.1	0.9	0	385
2022-23	330	0	2.5	9.3	43	36	0	1.1	4.4	0.1	0	426

Continued.....

Table 3.2 Fertilizer Offtake by Product, Province and Country

BALUCHISTAN

('000 tonnes)

Year	Urea	CAN	AS	SSP	DAP	NP	TSP	SOP	NPKs	MOP	MAP	Total
Kharif Season												
2012	187	0.9	0	0	28	1.9	0	0.42	0.8	0.10	0	218
2013	113	0	0.10	0	25	3.4	0	0.20	1.1	0.20	0	143
2014	105	0	0.24	0	20	3.2	0	0.05	0.9	0.50	0	130
2015	72	0	1.60	0.09	19	1.8	0	0.20	1.0	0.60	0	96
2016	64	2.1	0.50	0.13	36	12	0	0.09	1.5	0.31	0	116
2017	83	0.1	0.40	0.01	48	9.5	0	0.43	1.9	0.50	0	143
2018	86	0	0.22	0.26	25	7	0	0.44	2.4	0.63	0	122
2019	98	0	0.88	0.13	42	13	0	0.21	1.7	0.25	0.08	155
2020	149	0.1	2.90	0	52	14	0	0.66	2.4	0.53	1.54	223
2021	177	0	0.14	0	24	12	0	0.60	1.6	0.20	0.10	217
2022	86	0	0.06	0	11	23	0	0.13	1.1	0.06	0.04	121
Rabi Season												
2012-13	126	2.1	0	0	43	5.7	0	0.20	1.2	0.10	0.01	178
2013-14	103	0	0	0	30	2.7	0	0.12	1.9	0.30	0	139
2014-15	102	0	0.09	0	25	4.1	0	0.06	1.7	0.50	0	133
2015-16	37	0.8	0.08	0.02	21	4.5	0	0.05	2.8	0.13	0	66
2016-17	92	1.4	0.21	0.35	30	14	0	0.14	2.5	0.40	0	141
2017-18	96	0.03	0.17	0.22	33	7.7	0	0.51	2.7	0.43	0	141
2018-19	91	0.13	0.47	0.25	36	7.4	0	0.28	2.8	0.51	0.04	139
2019-20	130	0	0.6	0	51	13	0	0.27	3.1	0.29	0.11	199
2020-21	104	0.05	0.3	0	27	15	0	0.55	3.6	0.20	0.02	151
2021-22	72	0.02	0.07	0	20	16	0	0.20	2.9	0.10	0.03	110
2022-23	118	0	0.06	0	24	26	0	0.07	1.2	0.03	0.02	169
Fiscal Year												
2012-13	248	2.4	0	0	72	9.2	0	0.33	2.4	0.13	0.01	335
2013-14	221	0	0.3	0	46	5.4	0	0.24	2.6	0.80	0	277
2014-15	194	0	1.7	0	51	6.8	0	0.30	3	1.30	0	258
2015-16	87	2.2	0.6	0.14	43	12	0	0.10	3.6	0.40	0	149
2016-17	171	2.2	0.56	0.46	60	24	0	0.38	4.3	0.63	0	263
2017-18	185	0.03	0.45	0.27	80	16	0	0.90	4.3	0.88	0	288
2018-19	180	0.16	1.1	0.58	72	17	0	0.64	5	1.10	0.08	277
2019-20	251	0.03	3.2	0.01	93	26	0	0.77	5.1	0.74	0.35	381
2020-21	258	0.15	1.0	0	65	29	0	1.12	5.4	0.53	1.42	362
2021-22	212	0.02	0.12	0	44	37	0	0.70	4.8	0.30	0.10	300
2022-23	193	0	0.11	0	36	42	0	0.22	1.9	0.04	0.02	273

Continued....

Table 3.2 Fertilizer Offtake by Product, Province and Country

PAKISTAN

('000 tonnes)

Year	Urea	CAN	AS	SSP	DAP	NP	TSP	SOP	NPKs	MOP	MAP	Total
Kharif Season												
2012	2690	265	0	40	545	213	0.01	8	18	3.7	1.3	3784
2013	2853	273	1.4	34	620	189	0	6.9	25	2.8	0	4007
2014	2716	264	1.1	30	586	230	0	1	28	14	0	3870
2015	2424	272	6.2	34	413	217	0	3.5	21	9.4	0	3401
2016	2704	252	8.1	31	697	323	0	4.7	31	8.3	0	4058
2017	3234	372	13	32	993	356	0	18	30	16	0	5062
2018	2887	330	8.9	40	901	227	0	21	31	17	0	4462
2019	3024	221	36	30	974	291	0	16	36	13	17	4656
2020	3188	354	47	39	1162	384	0	28	45	18	30	5295
2021	3258	426	34	50	889	396	0	30	41	25	8	5157
2022	3136	380	8.8	33	491	318	0	6	23	10	4	4410
Rabi Season												
2012-13	2855	217	0.2	56	700	274	0.01	9.5	28	3.3	2.6	4145
2013-14	3084	207	0	48	1071	258	0	3.4	37	6.2	0	4714
2014-15	3044	210	2.2	64	1138	247	0	2.7	40	15	0	4762
2015-16	2435	214	5.5	82	1447	364	0	5.9	49	4.4	0	4605
2016-17	2892	350	10.3	52	1608	392	0	15	37	17	0	5372
2017-18	2944	372	7.8	60	1404	312	0	26	31	18	0	5175
2018-19	3033	249	32	65	1164	195	0	21	40	14	8.5	4821
2019-20	2872	250	31	35	1079	278	0	21	36	13	13	4628
2020-21	3225	403	53	47	1108	393	0	25	51	22	8.2	5335
2021-22	3320	450	17	60	927	422	0	22	44	31	14	5306
2022-23	3469	437	7.5	32	710	470	0.3	24	23	6	3.5	5181
Fiscal Year												
2012-13	5197	432	0.4	87	1345	446	0.01	16	52	6.2	3.1	7585
2013-14	5747	508	2	82	1623	478	0	7.1	61	15	0	8523
2014-15	5937	487	7.9	100	1801	516	0	6.1	69	30	0	8954
2015-16	4558	382	10	112	1823	605	0	7.8	69	7.7	0	7575
2016-17	6372	750	19	84	2329	759	0	26	70	28	0	10435
2017-18	5825	670	19	96	2440	572	0	41	58	32	0	9753
2018-19	5971	541	55	102	2200	450	0	43	75	31	17	9484
2019-20	6015	502	72	70	1984	578	0	42	71	27	27	9389
2020-21	6267	852	101	89	2170	786	0	55	92	41	34	10487
2021-22	6691	820	33	107	1863	838	0	43	88	56	23	10561
2022-23	6470	841	15	65	1141	856	0.3	33	36	10	2.4	9468

Table 3.3 Fertilizer Offtake by Nutrient**PAKISTAN**

('000 tonnes)

Year	Offtake of Domestic Fertilizer as % of Total				Total Offtake				N/P Ratios
	N	P ₂ O ₅	K ₂ O	N+P+K	N	P ₂ O ₅	K ₂ O	Total	
Kharif Season									
2012	83	69	33	81	1454	308	9	1771	4.7
2013	87	63	40	82	1541	338	10	1888	4.6
2014	88	61	36	83	1479	331	14	1823	4.5
2015	91	66	27	86	1312	246	11	1569	5.3
2016	94	47	42	84	1512	402	12	1926	3.8
2017	87	37	21	75	1849	544	24	2416	3.4
2018	93	39	19	80	1633	476	26	2135	3.4
2019	92	50	41	81	1703	532	22	2257	3.2
2020	92	47	35	80	1872	650	33	2555	2.9
2021	95	55	24	85	1871	514	37	2422	3.6
2022	95	65	43	90	1706	303	13	2022	5.6
Rabi Season									
2012-13	82	58	42	77	1562	402	12	1976	3.9
2013-14	76	47	58	69	1729	569	12	2310	3.0
2014-15	79	43	41	69	1722	600	17	2339	2.9
2015-16	87	43	57	72	1527	774	14	2315	2.0
2016-17	89	48	25	76	1807	847	24	2678	2.1
2017-18	91	46	21	77	1781	735	29	2545	2.4
2018-19	88	33	27	73	1727	604	26	2357	2.9
2019-20	91	40	28	77	1658	583	25	2266	2.8
2020-21	93	53	37	83	1898	625	35	2558	3.0
2021-22	95	54	32	85	1920	552	38	2510	3.5
2022-23	88	69	40	84	1952	448	20	2420	4.4
Fiscal Year									
2012-13	83	63	43	79	2853	747	21	3621	3.8
2013-14	83	53	46	76	3185	881	24	4089	3.6
2014-15	82	50	36	75	3309	975	33	4316	3.4
2015-16	90	47	60	78	2672	1007	20	3699	2.7
2016-17	92	48	29	80	3730	1269	41	5040	2.9
2017-18	89	40	20	75	3435	1279	50	4763	2.7
2018-19	90	38	26	76	3408	1153	53	4614	3.0
2019-20	92	46	34	80	3415	1084	50	4549	3.2
2020-21	93	51	33	82	3711	1228	69	5008	3.0
2021-22	95	57	30	86	3838	1093	71	5001	3.5
2022-23	91	67	45	87	3604	734	29	4366	4.9

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

2012-13

		(tonnes)												
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	IMPORTED	105,992	39,032	32,726	24,012	18,373	91,001	158,237	123,311	58,516	29,781	31,605	120,346	832,932
UREA	FFC	192,876	181,127	162,078	152,971	253,215	461,814	216,164	181,080	218,266	201,362	265,787	220,768	2,707,508
UREA	FatimaFert	9,150	9,030	6,200	621	3,282	7,848	-	-	20	8,980	3,600	9,493	58,224
UREA	PAK-ARAB	-	-	-	-	-	-	-	-	-	-	-	-	0
UREA	EFERT	67,402	78,302	50,252	41,396	27,019	277,229	122,276	84,250	92,192	49,773	122,607	151,427	1,164,125
UREA	Agri Tech Limited (PAFL)	92	329	2,667	8,470	6,791	8,895	6,223	453	7,435	16,844	31,149	23,625	112,974
UREA	Fatima Fertilizer Company	13,666	14,481	9,629	6,519	17,974	106,414	14,408	29,689	28,652	7,473	29,988	42,664	321,557
UREA	TOTAL	389,178	322,301	263,552	233,989	326,654	953,201	517,308	418,783	405,081	314,213	484,736	568,323	5,197,320
NP	Imported	0	0	685	4,730	3,729	-	-	-	-	-	-	-	9,144
NP	PAK-ARAB	1,656	628	273	3,844	14,276	4,584	-	-	-	-	-	-	25,261
NP	EFERT	2,726	2,686	967	6,132	9,263	4,795	2,222	965	5,603	5,454	8,800	5,869	55,482
NP	Fatima Fertilizer Company	35,039	23,463	15,865	43,296	50,462	40,347	25,910	19,304	34,412	5,197	31,354	31,893	356,542
NP	TOTAL	39,421	26,777	17,790	58,002	77,730	49,726	28,132	20,269	40,015	10,651	40,154	37,762	446,429
SSP	LCFL	122	252	237	13,885	1,200	1,639	570	-	-	0	1,241	1,703	20,849
SSP	Agri Tech Limited (PAFL)	8,645	3,221	2,210	8,387	12,606	2,367	591	2,269	2,570	120	1,186	4,054	48,225
SSP	Suraj Fertilizer	1,508	2,006	915	5,056	2,465	451	432	475	659	870	1,439	1,667	17,943
SSP	TOTAL	10,275	5,479	3,362	27,328	16,271	4,457	1,593	2,744	3,229	990	3,866	7,424	87,017
DAP	IMPORTED	51,459	36,627	19,650	126,561	137,469	48,687	20,882	11,784	14,005	19,459	26,401	74,170	587,154
DAP	FFC-SONA	49,694	16,868	188,451	57,602	111,022	77,701	32,461	11,382	50,700	32,623	53,754	75,515	757,773
DAP	TOTAL	101,153	53,495	208,101	184,163	248,491	126,388	53,343	23,166	64,705	52,082	80,155	149,685	1,344,927
CAN	PAK-ARAB	5,269	5,296	1,127	5,927	9,162	11,830	274	-	-	-	-	-	38,885
CAN	Fatima Fertilizer Company	15,294	30,807	15,877	12,273	23,835	67,244	23,680	32,909	29,636	35,358	62,150	44,133	393,196
CAN	TOTAL	20,563	36,103	17,004	18,200	32,997	79,074	23,954	32,909	29,636	35,358	62,150	44,133	432,081
TSP	IMPORTED	-	-	-	-	-	-	11	-	-	-	-	-	11
SOP	IMPORTED	443	1,243	1,695	2,403	1,120	2,616	317	1,602	1,381	477	768	2282	16,347
MAP	IMPORTED	55	159	282	1,618	630	217	3	-	110	-	-	-	3,074
MOP	IMPORTED	64	339	1,883	1,222	558	1,020	234	145	87	35	512	135	6,234
NPKs	EFERT	4,131	1,770	6,556	8,804	4,514	1,449	1,290	4,088	7,573	3,178	2,637	5,535	51,525
AS	IMPORTED	-	-	-	-	-	-	192	9	-	193	-	-	394
	GRAND TOTAL	565,284	447,666	520,225	535,729	708,965	1,218,149	626,377	503,715	551,817	417,177	674,978	815,278	7,585,360

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

2013-14

		(tonnes)												
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	IMPORTED	61,442	45,862	52,200	76,765	111,621	203,406	221,760	32,384	12,085	7,510	3,826	17,117	845,978
UREA	FFC	222,647	231,535	221,629	198,637	223,938	233,478	193,618	168,355	232,873	186,192	248,169	247,375	2,608,446
UREA	FatimaFert	13,027	992	70	-	4,405	20,184	-	-	-	-	-	160	38,838
UREA	PAK-ARAB	-	-	-	-	265	1,962	-	-	14	1,432	479	3,069	7,221
UREA	EFERT	117,675	162,023	164,067	172,738	163,356	157,680	174,307	161,347	114,908	59,772	138,191	194,307	1,780,371
UREA	Agri Tech Limited (PAFL)	24,835	38,048	31,179	2,467	11,944	24,730	4,109	39	285	-	205	4,465	142,307
UREA	Fatima Fertilizer Company	26,518	36,905	35,305	26,369	35,332	32,565	25,356	16,307	23,972	2,672	17,230	45,560	324,091
UREA	TOTAL	466,144	515,365	504,450	476,976	550,861	674,005	619,150	378,432	384,137	257,578	408,100	512,053	5,747,251
NP	Imported	-	15	397	1,922	706	933	65	1,007	223	191	7,068	612	13,139
NP	PAK-ARAB	-	-	12,046	15,210	20,269	849	-	-	19,169	19,046	6,797	-	93,386
NP	EFERT	1,340	1,381	1,411	802	4,609	4,963	2,404	3,233	1,716	2,093	7,624	2,520	34,096
NP	Fatima Fertilizer Company	26,460	30,945	26,709	25,606	36,295	37,021	28,995	29,439	22,706	5,918	35,250	32,271	337,615
NP	TOTAL	27,800	32,326	40,563	43,540	61,879	43,766	31,464	33,679	43,814	27,248	56,739	35,403	478,236
SSP	LCFL	0	2,162	1,880	1,446	9,520	1,310	151	210	1,500	-	-	-	18,178
SSP	Agri Tech Limited (PAFL)	3,238	5,764	6,383	6,841	9,652	4,141	2,170	3,184	1,257	1,640	3,797	4,377	52,443
SSP	Suraj Fertilizer	1,070	379	1,101	1,750	3,160	171	397	568	778	185	641	662	10,861
SSP	TOTAL	4,307	8,304	9,364	10,037	22,332	5,622	2,719	3,962	3,535	1,825	4,438	5,039	81,483
DAP	IMPORTED	41,097	34,461	77,658	177,814	259,012	108,218	14,616	70,211	20,061	25,866	44,888	19,011	892,912
DAP	FFC-SONA	40,224	49,853	95,155	119,706	147,131	64,298	12,360	24,833	53,007	18,536	63,551	41,425	730,079
DAP	TOTAL	81,321	84,314	172,813	297,520	406,143	172,516	26,976	95,044	73,068	44,402	108,439	60,436	1,622,991
CAN	PAK-ARAB	-	-	28,511	9,314	13,388	3,977	-	-	8,857	20,391	9,950	1,334	95,722
CAN	Fatima Fertilizer Company	32,145	34,474	36,644	24,900	19,722	61,157	19,036	27,907	18,241	14,189	45,069	78,528	412,012
CAN	TOTAL	32,145	34,474	65,155	34,214	33,110	65,134	19,036	27,907	27,098	34,580	55,019	79,862	507,734
TSP	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	0
SOP	IMPORTED	1,705	765	922	1,646	386	244	535	543	34	129	71	115	7,094
MAP	IMPORTED	2	-	-	-	-	-	-	-	-	-	-	-	2
MOP	IMPORTED	44	1,033	993	1,993	248	379	9	1,397	2,207	2,915	2,689	1,529	15,436
NPKs	EFERT	3,505	1,909	8,220	7,960	6,490	4,192	2,824	8,860	6,692	2,686	5,686	1,837	60,861
AS	IMPORTED	-	1,205	-	-	-	-	-	-	-	228	91	421	1,945
	GRAND TOTAL	616,973	679,695	802,480	873,886	1,081,449	965,858	702,712	549,824	540,585	371,591	641,272	696,695	8,523,034

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

2014-15

		(tonnes)												
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	IMPORTED	67,262	150,242	32,147	18,637	27,230	170,318	187,032	93,160	11,728	8,270	37,047	55,160	858,233
UREA	FFC	203,073	254,877	185,007	218,181	221,782	224,429	234,851	184,025	221,724	217,504	209,771	245,736	2,620,960
UREA	FatimaFert	8,395	6,935	1,080	460	7,528	17,375	-	-	-	-	-	6,130	47,903
UREA	PAK-ARAB	-	-	-	-	1,680	46	-	-	-	-	-	-	1,726
UREA	EFERT	155,455	168,265	154,965	144,990	169,332	183,809	167,185	147,590	166,429	120,743	150,845	181,500	1,911,108
UREA	Agri Tech Limited (PAFL)	3,192	10,107	8,952	2,089	2,098	11,569	1,179	300	70	1,915	1,715	3,736	46,922
UREA	Fatima Fertilizer Company	49,307	40,465	38,052	23,360	37,531	48,009	38,626	30,506	29,119	18,229	22,382	74,275	449,861
UREA	TOTAL	486,684	630,891	420,203	407,717	467,181	655,555	628,873	455,581	429,070	366,661	421,760	566,537	5,936,713
NP	Imported	499	7	76	181	71	-	-	86	-	-	-	-	920
NP	PAK-ARAB	-	-	-	14,626	12,000	672	-	-	-	-	35,215	29,239	91,752
NP	EFERT	2,591	5,742	1,185	3,578	8,855	9,977	2,434	3,256	4,349	6,128	9,538	8,873	66,506
NP	Fatima Fertilizer Company	28,998	36,975	34,927	18,227	34,091	34,447	35,779	27,636	36,538	28,391	32,201	8,106	356,316
NP	TOTAL	32,088	42,724	36,188	36,612	55,017	45,096	38,213	30,978	40,887	34,519	76,954	46,218	515,494
SSP	LCFL	262	103	600	1,800	1,270	2,425	850	400	535	1,350	-	-	9,595
SSP	Agri Tech Limited (PAFL)	1,566	6,603	7134	10,796	24,525	5,835	1,777	1,820	1,650	3,315	4,990	5,443	75,454
SSP	Suraj Fertilizer	659	535	1340	3,321	4,596	750	414	1,190	299	458	628	955	15,145
SSP	TOTAL	2,487	7,241	9,074	15,917	30,391	9,010	3,041	3,410	2,484	5,123	5,618	6,398	100,194
DAP	IMPORTED	75,591	54,434	55,029	195,976	301,412	149,610	44,125	34,878	19,250	36,664	52,192	45,205	1,064,366
DAP	FFC-SONA	71,315	66,939	49,656	127,866	107,777	71,331	27,925	28,724	28,621	32,880	57,353	66,428	736,815
DAP	TOTAL	146,906	121,373	104,685	323,842	409,189	220,941	72,050	63,602	47,871	69,544	109,545	111,633	1,801,181
CAN	PAK-ARAB	-	-	-	1,266	13,511	233	-	-	-	-	16,249	12,554	43,813
CAN	Fatima Fertilizer Company	33,476	36,502	24,244	8,910	23,945	80,683	19,766	44,642	16,898	24,153	51,212	78,528	442,959
CAN	TOTAL	33,476	36,502	24,244	10,176	37,456	80,916	19,766	44,642	16,898	24,153	67,461	91,082	486,772
SOP	IMPORTED	22	374	257	263	191	252	688	1,024	247	1,313	690	767	6,088
MOP	IMPORTED	1,858	1,273	3,638	1,874	3,262	3,855	1,461	1,209	2,821	1,421	2,645	4,448	29,765
NPKs	EFERT	4,293	5,062	8,237	11,312	5,721	5,420	2,184	5,227	10,280	3,412	4,416	3,780	69,344
AS	IMPORTED	59	300	-	193	574	528	382	566	-	928	1,177	3,195	7,902
	GRAND TOTAL	707,873	845,740	606,526	807,906	1,008,982	1,021,573	766,658	606,239	550,558	507,074	690,266	834,058	8,953,453

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

2015-16

		(tonnes)												
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	IMPORTED	25,149	16,888	49,114	6,346	14,633	15,910	12,104	1,533	549	173	30	-	142,429
UREA	FFC	237,659	235,310	78,341	110,326	349,279	373,220	159,771	165,029	67,358	131,325	144,302	428,086	2,480,006
UREA	FatimaFert	-	6,378	60	23,316	24,691	11,116	-	-	1,530	3,728	3,727	20,863	95,409
UREA	PAK-ARAB	-	-	-	-	-	-	263	243	76	-	31	34	647
UREA	EFERT	157,154	146,883	56,557	37,434	200,692	345,570	138,101	127,764	20,068	54,451	69,086	118,705	1,472,465
UREA	Agri Tech Limited (PAFL)	6,453	8,857	5,682	3,419	20,094	21,507	5,929	5,074	21,528	16,987	22,843	14,654	153,027
UREA	Fatima Fertilizer Company	21,063	14,604	3,259	16,249	13,634	71,351	30,271	15,377	3,186	6,348	10,604	8,043	213,989
UREA	TOTAL	447,478	428,920	193,013	197,090	623,023	838,674	346,439	315,020	114,295	213,012	250,623	590,385	4,557,972
NP	Imported	-	0	0	1,738	2,400	835	277	-	1,054	-	-	-	6,304
NP	PAK-ARAB	21,169	14,501	5,572	42,230	58,282	40,077	19,272	19,618	621	9,254	13,527	724	244,847
NP	EFERT	3,494	1,509	516	8,076	11,767	7,388	248	338	1,712	4,904	6,469	2,680	49,101
NP	Fatima Fertilizer Company	5,570	4,264	2,724	41,003	20,521	23,078	7,121	16,747	39,890	51,883	54,521	37,456	304,778
NP	TOTAL	30,233	20,274	8,812	93,047	92,970	71,378	26,918	36,703	43,277	66,041	74,517	40,860	605,030
SSP	EFERT	780	692	144	1,018	4,501	509	332	1,022	1,405	1,446	1,599	259	13,707
SSP	LCFL	450	520	365	294	6004	2,794	1994	1302	951	879	206.00	228	15,987
SSP	Agri Tech Limited (PAFL)	6,574	1,711	1,115	11,477	17,943	2,044	1,458	3,163	1,577	2,218	2,229	3,146	54,655
SSP	Suraj Fertilizer	484	-	4,417	1,930	12,710	661	400	607	368	474	283	15	22,349
SSP	Safi Chemicals	-	-	-	45	2,524	1,289	1,097	295	-	40	-	-	5,290
SSP	TOTAL	8,288	2,923	6,041	14,764	43,682	7,297	5,281	6,389	4,301	5,057	4,317	3,648	111,988
DAP	IMPORTED	33,907	10,061	3,532	312,713	381,303	80,740	64,597	46,404	58,952	70,046	62,706	25,511	1,150,472
DAP	FFC-SONA	47,952	23,715	3,271	223,261	156,148	51,619	11,937	24,938	33,951	34,787	43,586	17,381	672,546
DAP	TOTAL	81,859	33,776	6,803	535,974	537,451	132,359	76,534	71,342	92,903	104,833	106,292	42,892	1,823,018
CAN	PAK-ARAB	6,160	15,038	12,812	3,968	15,359	29,419	20,641	23,765	8,238	7,364	2,595	1,570	146,929
CAN	Fatima Fertilizer Company	24,479	26,696	3,654	8,687	13,947	29,823	20,603	28,665	10,470	21,017	33,084	13,701	234,826
CAN	TOTAL	30,639	41,734	16,466	12,655	29,306	59,242	41,244	52,430	18,708	28,381	35,679	15,271	381,755
SOP	IMPORTED	145	376	185	619	438	532	394	2,471	1,430	739	367	125	7,821
MOP	IMPORTED	693	85	47	525	850	214	416	1,213	1,204	1,294	636	473	7,650
NPKs	EFERT	2,269	1,597	5,546	18,124	5,947	4,649	1,694	5,298	8,054	3,097	2,821	1,120	60,216
NPKs	Safi Chemicals	-	-	-	2,518	1,005	-	724	348	577	1,700	1,833	0	8,705
AS	IMPORTED	30	635	182	310	591	993	546	2,318	707	1,879	1,213	1,009	10,413
	GRAND TOTAL	601,634	530,320	237,095	875,626	1,335,263	1,115,338	500,190	493,532	285,455	426,033	478,298	695,783	7,574,567

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

2016-17

		(tonnes)												
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	IMPORTED	-	85	808	2,566	5,770	6,491	15,222	7,779	3,307	2,121	24,186	48,728	117,063
UREA	FFC	397,203	285,503	128,793	224,705	422,537	316,175	155,388	122,166	136,540	120,055	275,736	473,489	3,058,290
UREA	FatimaFert	34,374	31,502	25,510	20,258	37,737	75,723	40,659	14,298	1,238	7,724	51,480	70,164	410,667
UREA	PAK-ARAB	24	3,647	6,286	6,804	11,675	11,241	2,753	2,406	18	1,850	3,093	30,589	80,386
UREA	EFERT	272,066	150,201	72,693	63,279	215,384	351,416	107,214	98,493	63,601	92,071	139,078	318,364	1,943,860
UREA	Agri Tech Limited (PAFL)	44,906	31,198	14,752	21,084	35,434	26,370	206	-	-	320	5,160	36,383	215,813
UREA	Fatima Fertilizer Company	29,302	71,565	49,014	21,477	35,582	110,136	84,823	11,975	2,127	25,724	22,169	81,931	545,825
UREA	TOTAL	777,875	573,701	297,856	360,173	764,119	897,552	406,265	257,117	206,831	249,865	520,902	1,059,648	6,371,904
NP	Imported	-	0	-	-	-	-	-	-	-	-	-	-	0
NP	PAK-ARAB	2,466	17,053	8,627	15824	44,328	42,320	3,509	13,130	8,164	24,202	17,732	77,461	274,816
NP	EFERT	5,894	3,485	1,825	3,734	12,038	8,301	1,985	4,107	5,455	8,992	6,099	5,044	66,959
NP	Fatima Fertilizer Company	65,801	22,906	13,120	28,557	56,544	40,835	42,563	23,978	36,337	24,591	24,025	37,659	416,916
NP	TOTAL	74,161	43,444	23,572	48,115	112,910	91,456	48,057	41,215	49,956	57,785	47,856	120,164	758,691
SSP	EFERT	1233	347	314	1,476	3,110	1,091	240	258	472	63	20	26	8,650
SSP	LCFL	262	-	168	293	153	-	58	165	-	-	-	-	1,099
SSP	Agri Tech Limited (PAFL)	7,739	1,551	4,664	10,523	21,754	3,623	860	2,122	1,664	1,979	2,458	7,930	66,867
SSP	Suraj Fertilizer	742	273	408	1,316	1,682	168	185	208	487	410	416	1,045	7,340
SSP	TOTAL	9,976	2,171	5,554	13,608	26,699	4,882	1,343	2,753	2,623	2,452	2,894	9,001	83,956
DAP	IMPORTED	131,567	85,885	83,997	283,532	421,173	107,427	27,315	62,853	49,350	34,711	53,754	99,379	1,440,943
DAP	FFC-SONA	67,692	48,538	25,147	217,553	210,262	54,850	33,796	34,783	104,701	60,986	16,962	12,375	887,645
DAP	TOTAL	199,259	134,423	109,144	501,085	631,435	162,277	61,111	97,636	154,051	95,697	70,716	111,754	2,328,588
CAN	PAK-ARAB	4,665	27,509	13,267	3,952	16,710	40,816	12,018	13,825	10,239	12,597	13,783	43,736	213,117
CAN	Fatima Fertilizer Company	27,136	53,856	46,399	24,282	19,925	80,227	60,385	52,393	14,839	19,281	51,012	86,737	536,472
CAN	TOTAL	31,801	81,365	59,666	28,234	36,635	121,043	72,403	66,218	25,078	31,878	64,795	130,473	749,589
TSP	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	-
SOP	IMPORTED	482	672	2,358	1,192	2,390	835	2,157	4,803	3,857	2,589	2568	1556	25,459
MOP	IMPORTED	1,432	782	3,673	4,475	2,567	534	2,670	3,865	2,414	1,443	2,768	1,141	27,764
NPKs	EFERT	4,523	4,075	9,988	8,289	4,835	4,468	1,530	6,484	9,005	5,384	3,379	2,859	64,819
NPKs	Safi Chemicals	170	682	847	755	115	-	-	395	939	957	658	-	5,518
AS	IMPORTED	1,310	1,358	1,322	820	2,864	1,664	1,006	1,557	2,432	735	2,968	452	18,488
	GRAND TOTAL	1,100,989	842,673	513,980	966,746	1,584,569	1,284,711	596,542	482,043	457,186	448,785	719,504	1,437,048	10,434,776

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

2017-18

		(tonnes)												
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	IMPORTED	46,338	64,791	30,383	6,743	9,226	1,337	-	-	-	0	0	-	158,818
UREA	FFC	179,671	454,749	76,608	235,566	355,129	435,037	236,674	183,377	240,368	232,039	317,811	271,506	3,218,535
UREA	FatimaFert	5,115	7,040	-	1,383	8,257	5,376	-	-	-	-	-	-	27,171
UREA	PAK-ARAB	-	227	223	20	315	1,619	1,187	1,520	90	262	368	458	6,289
UREA	EFERT	74,134	274,802	65,392	125,268	194,760	185,364	262,052	145,345	89,833	115,036	136,842	245,232	1,914,060
UREA	Agri Tech Limited (PAFL)	13,969	32,848	6,988	2,617	2,044	4,459	3,239	1,774	-	-	-	-	67,938
UREA	Fatima Fertilizer Company	19,775	50,401	219	3,789	31,940	82,493	36,064	37,998	11,802	28,122	38,787	90,913	432,303
UREA	TOTAL	339,002	884,858	179,813	375,386	601,671	715,685	539,216	370,014	342,093	375,459	493,808	608,109	5,825,114
NP	Imported	-	0	0	-	-	-	-	-	-	-	-	-	-
NP	PAK-ARAB	4,060	24,386	7,405	17,650	4,590	6,590	3,889	1,118	1,522	373	5,824	300	77,707
NP	EFERT	9,616	3,703	3,499	3,703	4,519	9,652	2,901	1,928	6,066	5,699	6,964	3,918	62,168
NP	Fatima Fertilizer Company	34,881	24,312	17,914	63,155	47,862	35,698	43,905	33,831	23,430	53,746	32,276	21,177	432,187
NP	TOTAL	48,557	52,401	28,818	84,508	56,971	51,940	50,695	36,877	31,018	59,818	45,064	25,395	572,062
SSP	Imported	43	11	22	1,990	1,911	285	238	550	1,888	573	1,147	784	9,442
SSP	LCFL	-	-	25	200	342	-	-	-	-	-	-	-	567
SSP	Agri Tech Limited (PAFL)	8,292	2,550	3,810	13,347	13,973	2,100	1,958	3,024	2,683	3,185	3,803	4,606	63,331
SSP	Suraj Fertilizer	892	280	2,038	4,178	6,561	1,012	1,570	1,163	1,103	1,097	1,758	857	22,509
SSP	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-
SSP	TOTAL	9,227	2,841	5,895	19,715	22,787	3,397	3,766	4,737	5,674	4,855	6,708	6,247	95,849
DAP	IMPORTED	226,311	56,936	269,210	241,361	308,211	84,277	61,196	81,518	80,292	48,669	54,977	151,221	1,664,179
DAP	FFC-SONA	56,805	20,831	84,416	145,734	193,585	66,199	31,013	40,913	69,864	20,131	7,536	38,677	775,704
DAP	TOTAL	283,116	77,767	353,626	387,095	501,796	150,476	92,209	122,431	150,156	68,800	62,513	189,898	2,439,883
CAN	PAK-ARAB	6,619	50	17,641	15,086	23,640	23,388	2,896	4,779	9,413	5,386	9,083	18,822	136,803
CAN	Fatima Fertilizer Company	47,617	56,394	16,072	18,065	37,678	78,141	74,089	65,343	19,562	48,148	48,639	23,813	533,561
CAN	TOTAL	54,236	56,444	33,713	33,151	61,318	101,529	76,985	70,122	28,975	53,534	57,722	42,635	670,364
SOP	IMPORTED	2,080	2,111	6,823	6,776	6,092	3,592	3,209	2,985	2,864	1,032	1,677	1,497	40,738
MOP	IMPORTED	2,077	1,872	6,694	4,439	4,074	1,714	2,964	1,419	3,075	1,243	1,514	1,117	32,202
NPKs	EFERT	7,601	5,979	3,091	9,597	2,307	278	2,898	8,517	7,704	5,010	3,472	1,394	57,848
NPKs	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	-
AS	IMPORTED	199	6,776	1,384	743	1,254	1,362	1,903	1,751	796	408	1,416	879	18,871
GRAND TOTAL		746,095	1,091,049	619,857	921,410	1,258,270	1,029,973	773,845	618,853	572,355	570,159	673,894	877,171	9,752,931

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

2018-19

		(tonnes)												
PRODUCT	SOURCE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN.	TOTAL
UREA	IMPORTED	-	-	-	-	-	23,664	70,683	10,779	-	-	-	-	105,126
UREA	FFC	263,258	224,607	296,453	248,674	248,169	325,693	198,559	180,315	204,784	116,925	350,298	346,189	3,003,924
UREA	FatimaFert	-	-	-	14,420	42,425	50,072	28,303	16,460	16,995	10,141	35,780	66,609	281,205
UREA	PAK-ARAB	458	-	10	22	60	216	-	-	-	-	-	-	766
UREA	EFERT	172,008	165,064	168,395	143,326	139,400	211,836	160,671	130,669	147,119	141,292	141,161	175,648	1,896,589
UREA	Agri Tech Limited (PAFL)	60	-	3,350	20,247	32,825	39,491	25,010	14,056	27,068	9,396	29,617	28,928	230,048
UREA	Fatima Fertilizer	60,850	41,025	14,209	38,382	34,044	59,918	80,426	35,918	12,495	14,671	35,669	25,203	452,810
UREA	TOTAL	496,634	430,696	482,417	465,071	496,923	710,890	563,652	388,197	408,461	292,425	592,525	642,577	5,970,468
NP	Imported	-	-	-	-	3,560	4,340	309	1,032	285	225	60	25	9,837
NP	PAK-ARAB	13	-	-	-	-	8	-	-	-	0	-	300	321
NP	EFERT	7,140	349	189	4,833	4,397	10,282	4,846	1,661	2,691	3,091	9,775	6,827	56,081
NP	Fatima Fertilizer	49,018	32,817	7,062	42,171	23,346	15,109	48,800	13,274	14,237	61,404	58,007	18,294	383,539
NP	TOTAL	56,171	33,166	7,251	47,004	31,303	29,739	53,955	15,967	17,213	64,720	67,842	25,446	449,778
SSP	Imported	4312	1,084	1,163	3,458	1,652	745	801	369	2,334	1,360	1,773	3,722	22,773
SSP	Agri Tech Limited (PAFL)	4,656	1,382	6,090	15,091	15,855	4,416	2,560	2,140	2,182	1,714	90	1,991	58,167
SSP	Suraj Fertilizer	863	290	2,446	5,499	4,875	987	966	347	520	783	1,278	1,603	20,457
SSP	Safi Chemicals	-	-	-	-	-	-	-	133	474	-	-	-	607
SSP	TOTAL	9,831	2,756	9,699	24,048	22,382	6,148	4,327	2,989	5,510	3,857	3,141	7,316	102,004
DAP	IMPORTED	180631	62,003	125,754	417,977	177,991	111,747	63,371	37,030	50,230	60,656	135,903	96,377	1,519,670
DAP	FFC-SONA	121,159	17,064	73,191	103,272	86,595	77,298	11,250	11,503	15,245	25,514	77,121	61,366	680,578
DAP	TOTAL	301,790	79,067	198,945	521,249	264,586	189,045	74,621	48,533	65,475	86,170	213,024	157,743	2,200,248
CAN	PAK-ARAB	27,887	13,526	6,542	4,064	1,972	4,725	766	1,690	1,414	2,673	250	34	65,543
CAN	Fatima Fertilizer	71,372	44,385	11,907	30,896	21,290	40,003	77,497	44,369	20,529	46,024	45,301	21,682	475,255
CAN	TOTAL	99,259	57,911	18,449	34,960	23,262	44,728	78,263	46,059	21,943	48,697	45,551	21,716	540,798
SOP	Domestic	-	-	-	-	-	-	-	-	-	417	473	5	895
SOP	IMPORTED	4,987	3,008	8,839	4,109	2,324	5,821	2,142	2,849	3,271	1,850	1,136	1,349	41,686
SOP	TOTAL	4,987	3,008	8,839	4,109	2,324	5,821	2,142	2,849	3,271	2,267	1,609	1,354	42,581
MAP	IMPORTED	-	-	-	-	-	-	4,334	2,808	1,362	865	6,210	1,858	17,437
MOP	IMPORTED	4,439	2,133	6,360	3,635	2,740	1,864	2,205	1,956	1,490	2,022	653	1,762	31,259
NPKs	EFERT	5,811	4,603	10,193	12,320	4,998	1,397	3,851	6,577	11,064	5,376	4,094	4,259	74,543
AS	IMPORTED	752	3,239	2,125	4,965	4,652	6,199	7,310	4,120	4,330	5,759	5,696	5,920	55,067
	GRAND TOTAL	979,674	616,579	744,278	1,117,361	853,171	995,831	794,660	520,056	540,119	512,158	940,345	869,951	9,484,182

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

(2019-20)

														(tonnes)
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	IMPORTED	1,185	22,213	44,356	8,586	13,981	10,662	-	-	-	-	-	-	100,983
UREA	FFC	207,328	277,108	212,066	54,889	156,003	665,503	73,787	332,465	255,574	136,412	132,180	605,759	3,109,074
UREA	FatimaFert	16,000	57,895	19,250	650	37,775	97,636	22,602	917	-	-	-	-	252,725
UREA	PAK-ARAB	-	-	-	-	-	-	-	772	102	220	52	4,769	5,915
UREA	EFERT	174,883	186,449	94,006	41,594	127,289	464,621	74,709	80,324	17,840	83,059	102,627	510,809	1,958,210
UREA	Agri Tech Limited (PAFL)	23,600	41,208	21,130	11,778	33,721	54,812	4,903	4,690	3,206	920	1,596	215	201,779
UREA	Fatima Fertilizer Company	42,500	40,552	14,498	3,862	11,960	52,125	85,746	41,279	25,778	21,737	3,179	43,373	386,589
UREA	TOTAL	465,496	625,425	405,306	121,359	380,729	1,345,359	261,747	460,447	302,500	242,348	239,634	1,164,925	6,015,275
NP	Imported	121	30.00	427.00	46	1,033	1,574	223	43	-	31	15	82	3,625
NP	PAK-ARAB	-	-	-	-	-	-	769	14,306	11,101	37,964	14,996	43,293	122,429
NP	EFERT	8,494	5,977	6,480	748	4,808	8,075	478	1,003	958	4,513	2,266	4,397	48,197
NP	Fatima Fertilizer Company	64,584	35,063	11,991	45,999	40,092	62,967	30,980	31,117	21,133	37,821	13,857	8,375	403,979
NP	TOTAL	73,199	41,070	18,898	46,793	45,933	72,616	32,450	46,469	33,192	80,329	31,134	56,147	578,230
SSP	Imported	3606	99	197	112	70	2	-	-	-	-	-	-	4,086
SSP	Agri Tech Limited (PAFL)	0	1,500	8,453	14,217	7,070	-	1,571	3,740	1,380	4,533	3,645	9,451	55,560
SSP	Suraj Fertilizer	90	596	952	2,417	2,165	565	573	337	130	293	16	-	8,134
SSP	Safi Chemicals	-	-	55	151	690	-	-	101	-	50	-	621	1,668
SSP	TOTAL	3,696	2,195	9,657	16,897	9,995	567	2,144	4,178	1,510	4,876	3,661	10,072	69,448
DAP	IMPORTED	102,420	58,604	103,347	221,440	268,328	145,587	25,333	41,248	36,125	84,894	37,982	121,193	1,246,501
DAP	FFC-SONA	99,613	46,691	106,524	49,477	135,891	47,725	18,391	46,314	43,095	65,827	22,875	54,756	737,179
DAP	TOTAL	202,033	105,295	209,871	270,917	404,219	193,312	43,724	87,562	79,220	150,721	60,857	175,949	1,983,680
CAN	PAK-ARAB	-	-	13	37	0	8	5,152	22,822	9,607	18,670	7,022	31,337	94,668
CAN	Fatima Fertilizer Company	51,032	42,388	11,315	23,284	34,451	47,278	36,461	46,568	24,396	41,080	13,149	36,198	407,600
CAN	TOTAL	51,032	42,388	11,328	23,321	34,451	47,286	41,613	69,390	34,003	59,750	20,171	67,535	502,268
SOP	Domestic	674	327	2,876	-	1,198	20	87	637	280	800	1,360	1,020	9,279
SOP	IMPORTED	1,425	1,364	3,836	3,519	2,608	6,241	883	2,922	2,416	2,651	1,694	3127	32,686
SOP	TOTAL	2,099	1,691	6,712	3,519	3,806	6,261	970	3,559	2,696	3,451	3,054	4,147	41,965
MAP	IMPORTED	3,027	1,847	3,198	1,924	4,805	2,491	396	1,926	1,756	3,348	1,097	1,582	27,397
MOP	IMPORTED	2,166	2,608	4,158	3,528	1,817	1,624	880	3,888	1,608	1,353	1,110	2,682	27,422
NPKs	EFERT	4,945	6,266	10,692	6,063	5,227	3,392	1,344	12,006	7,440	5,901	2,511	5,563	71,350
NPKs	Safi Chemicals	-	-	-	22	-	-	-	-	-	-	-	-	22
AS	IMPORTED	7,698	5,990	3,664	5,277	4,985	7,062	3,026	5,588	4,680	6,275	3,337	14,645	72,227
	GRAND TOTAL	815,391	834,775	683,484	499,620	895,967	1,679,970	388,294	695,013	468,605	558,352	366,566	1,503,247	9,389,284

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

(2020-21)

		(tonnes)												
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	IMPORTED	-	-	-	-	-	-	-	-	-	-	-	-	0
UREA	FFC	143,235	340,282	212,962	191,232	249,423	398,137	221,235	203,542	219,697	163,501	241,203	300,869	2,885,318
UREA	FatimaFert	-	-	-	-	-	-	-	-	-	-	-	-	0
UREA	PAK-ARAB	2,778	2,791	65	-	15	-	-	-	-	311	3	5,594	11,557
UREA	EFERT	333,810	161,818	122,157	157,676	183,925	228,814	347,978	160,093	94,076	109,810	199,904	255,928	2,355,989
UREA	Agri Tech Limited (PAFL)	65	18,045	12,840	13,586	25,510	53,721	2,645	712	1,975	10,119	12,537	28,891	180,646
UREA	Fatima Fertilizer Company	94,997	50,354	44,791	50,641	74,211	199,952	76,681	41,856	27,298	25,503	47,841	98,956	833,081
UREA	TOTAL	574,885	573,290	392,815	413,135	533,084	880,624	648,539	406,203	343,046	309,245	501,488	690,238	6,266,590
NP	Imported	-	-	112	-	67	-	-	-	-	-	-	-	179
NP	PAK-ARAB	26,301	19,796	2,066	1,821	2,046	1,698	74	4	-	11,855	10,819	11,294	87,773
NP	EFERT	3,611	8,909	8,040	7,528	9,067	10,935	6,765	2,423	2,955	1,927	61	6,122	68,343
NP	Fatima Fertilizer Company	58,208	45,445	43,503	48,997	75,492	58,775	86,935	68,357	9,143	83,610	27,604	24,109	630,178
NP	TOTAL	88,120	74,150	53,721	58,346	86,672	71,408	93,774	70,784	12,098	97,392	38,484	41,525	786,474
SSP	Agri Tech Limited (PAFL)	10,370	3,555	3,895	8,926	7,458	1,406	3,548	3,945	2,553	1,310	5,553	7,015	59,534
SSP	Suraj Fertilizer	-	-	2,872	3,667	2,772	463	4,328	5,216	2,239	1,641	3,032	1,966	28,196
SSP	Safi Chemicals	-	5	150	277	154	-	-	-	-	-	200	600	1,386
SSP	TOTAL	10,370	3,560	6,917	12,870	10,384	1,869	7,876	9,161	4,792	2,951	8,785	9,581	89,116
DAP	IMPORTED	146,339	186,252	133,429	99,424	198,708	127,252	66,651	51,755	81,377	24,256	104,378	45,107	1,264,928
DAP	FFC-SONA	104,633	108,760	95,050	129,950	158,092	78,531	16,870	37,385	62,383	21,913	68,855	23,073	905,495
DAP	TOTAL	250,972	295,012	228,479	229,374	356,800	205,783	83,521	89,140	143,760	46,169	173,233	68,180	2,170,423
CAN	PAK-ARAB	31,675	29,514	2,280	1,061	3,206	447	271	62	35	12,204	28,947	41,474	151,175
CAN	Fatima Fertilizer Company	54,489	59,225	29,211	32,416	44,216	74,707	108,604	82,046	55,518	57,849	51,115	51,010	700,406
CAN	TOTAL	86,164	88,739	31,491	33,477	47,422	75,154	108,875	82,108	55,553	70,052	80,062	92,484	851,581
SOP	Domestic	823	267	1,941	1,382	1,150	961	1,752	938	970	995	770	920	12,869
SOP	IMPORTED	3,358	3,316	7,725	4,334	3,413	3,036	2,231	1,787	3,121	4,188	2,546	3385	42,439
SOP	Total	4,181	3,583	9,666	5,716	4,563	3,997	3,983	2,725	4,091	5,183	3,316	4,305	55,308
MAP	IMPORTED	3,483	19,680	893	113	58	43	1	130	7,897	953	708	182	34,140
MOP	IMPORTED	2,528	2,960	7,108	5,633	3,180	2,123	3,383	4,022	3,164	3,063	1,699	2,254	41,115
NPKs	EFERT	5,457	6,596	18,871	10,315	3,694	2,978	6,483	11,064	16,480	2,281	3,683	3,684	91,586
NPKs	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	0
AS	IMPORTED	9,222	5,542	7,984	4,797	8,685	15,477	14,512	4,811	5,014	10,254	6,542	7,696	100,537
	GRAND TOTAL	1,035,382	1,073,111	757,946	773,775	1,054,541	1,259,456	970,947	680,148	595,895	547,542	818,000	920,128	10,486,869

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

(2021-22)

														(tonnes)
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	Imported	-	-	-	-	-	-	-	-	-	-	265	14,149	14,414
UREA	FFC	286,501	316,522	249,355	247,649	264,263	263,909	258,297	251,632	237,990	215,626	216,778	354,921	3,163,443
UREA	PAK-ARAB	4,137	6,608	14,576	5,965	5,223	10,477	10,528	9,674	10,926	6,543	4,676	10,971	100,304
UREA	EFERT	239,691	202,766	134,126	161,488	200,963	189,435	208,732	169,755	170,565	157,176	151,031	240,304	2,226,032
UREA	Agri Tech Limited (PAFL)	17,416	37,759	10,754	25,760	33,770	47,275	30,560	30,295	26,585	21,079	16,976	29,348	327,576
UREA	Fatima Fertilizer Company	73,986	84,859	78,339	73,027	69,816	87,636	89,677	65,487	62,672	58,528	27,794	87,277	859,097
UREA	TOTAL	621,731	648,513	487,149	513,890	574,034	598,732	597,794	526,843	508,738	458,952	417,521	736,970	6,690,865
NP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
NP	PAK-ARAB	26,891	31,056	20,116	32,518	22,719	15,199	9,581	31,873	12,959	25,488	32,628	24,925	285,953
NP	EFERT	2,972	4,631	1,560	5,855	7,378	2,627	11,306	4,009	2,435	5,042	7,739	5,738	61,292
NP	Fatima Fertilizer Company	40,384	50,740	39,937	81,297	57,895	47,368	27,523	28,948	20,638	41,403	28,719	25,631	490,482
NP	TOTAL	70,247	86,427	61,614	119,670	87,992	65,194	48,409	64,830	36,032	71,933	69,086	56,294	837,727
SSP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	Agritech Limited (PAFL)	8,218	7,731	5,451	16,333	12,531	5,965	2,013	2,004	2,348	3,573	4,886	5,722	76,774
SSP	Suraj Fertilizer	2,305	1,724	2,364	10,225	4,231	422	17	1,131	759	625	1,423	1,471	26,699
SSP	Safi Chemicals	400	500	400	650	800	400	190	80	70	80	120	40	3,730
SSP	TOTAL	10,923	9,955	8,215	27,208	17,562	6,787	2,220	3,215	3,177	4,278	6,429	7,232	107,202
DAP	Imported	100,601	93,501	122,708	224,693	139,320	39,245	50,822	40,520	41,933	59,766	39,459	39,174	991,742
DAP	FFC-SONA	92,817	93,031	98,424	117,594	80,551	77,300	62,001	14,841	37,708	35,465	54,924	106,326	870,982
DAP	TOTAL	193,418	186,532	221,132	342,287	219,871	116,545	112,823	55,361	79,641	95,231	94,383	145,500	1,862,724
CAN	PAK-ARAB	27,105	29,995	13,309	39,861	37,644	37,414	29,413	28,339	29,311	30,248	27,228	27,828	357,694
CAN	Fatima Fertilizer Company	44,363	49,503	19,424	66,495	14,713	39,527	46,599	41,598	39,396	27,155	24,163	49,326	462,260
CAN	TOTAL	71,467	79,499	32,733	106,356	52,356	76,941	76,012	69,937	68,706	57,402	51,391	77,154	819,953
TSP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
SOP	Pacific	243	-	835	1,078	765	1,957	1,618	665	747	589	558	870	9,924
SOP	Imported	5,398	6,611	4,334	5,450	3,282	2,298	1,739	1,608	572	284	587	461	32,623
SOP	TOTAL	5,641	6,611	5,169	6,528	4,047	4,255	3,357	2,273	1,318	873	1,144	1,330	42,547
MAP	Imported	128	1,137	5,141	7,725	1,548	197	2,814	804	597	465	2,202	380	23,136
MOP	Imported	5,008	9,452	3,549	7,095	7,368	4,370	5,603	2,575	4,152	2,703	2,192	2,306	56,373
NPKs	EFERT	6,581	9,897	14,393	13,946	6,127	1,883	5,681	8,417	7,791	3,700	4,514	5,197	88,127
NPKs	Safi Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	0
AS	Imported	2,726	3,092	3,342	2,447	2,964	3,259	4,815	886	2,163	860	2,722	3,291	32,568
	GRAND TOTAL	987,870	1,041,115	842,435	1,147,153	973,869	878,163	859,528	735,140	712,315	696,396	651,584	1,035,654	10,561,222

Continued...

Table 3.4 Fertilizer Offtake by Product and Month from 2012-13 to 2022-23

(2022-23)

														(tonnes)
PRODUCT	SOURCE	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	TOTAL
UREA	Imported	74,748	11,024	-	-	34,325	147,879	141,967	48,040	22,688	4,114	239	-	485,024
UREA	FFC	170,379	219,268	236,981	233,472	272,801	277,352	221,315	227,848	269,716	171,134	242,285	295,722	2,838,273
UREA	FatimaFert	-	-	-	-	-	-	2,140	-	-	20,303	34,096	34,571	91,110
UREA	PAK-ARAB	14,318	10,785	9,661	6,131	13,369	9,829	2,896	-	1,220	7,340	6,793	8,881	91,223
UREA	EFERT	86,545	174,504	163,502	97,115	95,649	220,501	215,414	186,674	148,526	157,061	117,051	209,498	1,872,040
UREA	Agri Tech Limited (PAFL)	31,372	43,581	28,597	23,582	38,569	30,890	2,630	803	1,945	23,378	26,675	20,317	272,339
UREA	Fatima Fertilizer Company	85,446	93,187	69,181	69,343	128,353	146,754	44,914	39,397	45,135	24,967	31,948	41,358	819,983
UREA	TOTAL	462,808	552,349	507,922	429,643	583,066	833,205	631,276	502,762	489,230	408,297	459,087	610,347	6,469,992
NP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
NP	PAK-ARAB	29,471	11,101	15,138	18,624	34,579	61,825	23,294	35,446	10,014	22,095	36,433	64,543	362,563
NP	EFERT	3,170	1,536	595	1,447	6,237	12,157	8,154	5,219	5,303	1,528	5,254	2,090	52,690
NP	Fatima Fertilizer Company	37,569	5,310	16,955	18,392	49,907	70,558	32,637	54,754	21,638	24,787	41,166	66,851	440,524
NP	TOTAL	70,210	17,947	32,688	38,463	90,723	144,540	64,085	95,419	36,955	48,410	82,853	133,485	855,777
SSP	Imported	-	-	-	-	-	-	-	-	-	-	-	-	0
SSP	Agri Tech Limited (PAFL)	4,113	2,601	5,969	5,639	7,939	7,332	3,843	4,813	1,010	1,299	5,755	9,281	59,594
SSP	Suraj Fertilizer	1,265	379	1,003	1,188	199	3	255	-	50	76	206	391	5,015
SSP	Safi Chemicals	30	20	30	20	30	-	-	-	-	-	-	-	130
SSP	TOTAL	5,408	3,000	7,002	6,847	8,168	7,335	4,098	4,813	1,060	1,375	5,961	9,672	64,739
DAP	Imported	27,980	14,452	43,770	38,332	101,322	45,599	42,030	46,845	28,356	23,102	26,837	77,994	516,619
DAP	FFC-SONA	39,137	11,553	18,864	33,128	135,083	111,920	53,816	50,762	22,882	27,662	39,113	80,133	624,053
DAP	TOTAL	67,117	26,005	62,634	71,460	236,405	157,519	95,846	97,607	51,238	50,764	65,950	158,127	1,140,672
CAN	PAK-ARAB	28,227	30,672	12,135	15,453	24,028	80,333	23,040	-	9,754	32,855	33,770	30,938	321,205
CAN	Fatima Fertilizer Company	48,228	45,972	29,184	41,245	49,242	62,974	43,569	41,264	45,852	29,093	43,022	40,026	519,671
CAN	TOTAL	76,455	76,644	41,319	56,698	73,270	143,307	66,609	41,264	55,606	61,948	76,792	70,964	840,876
SOP	Pacific	-	325	939	910	366	438	1,969	2,080	2,005	1,509	1,788	437	12,766
SOP	Imported	182	217	1,069	798	490	106	6,464	6,052	2,127	618	821	893	19,837
SOP	TOTAL	182	542	2,008	1,708	856	544	8,433	8,132	4,132	2,127	2,609	1,330	32,603
MAP	Imported	189	120	153	261	577	111	511	116	98	-	260	51	2,447
MOP	Imported	1,248	7	1,288	235	28	209	1,910	775	2,776	895	562	9	9,942
NPKs	EFERT	3,890	2,400	2,963	3,261	699	157	3,639	10,868	4,674	2,015	571	779	35,916
AS	Imported	645	623	678	996	798	751	1,197	2,470	1,295	2,156	2,006	1,243	14,858
	GRAND TOTAL	688,152	679,637	658,655	609,572	994,590	1,287,678	877,604	764,226	647,364	577,987	696,651	986,007	9,468,122

Table 3.5 Crop-wise Fertilizer Use

('000 nutrient tonnes)

Year	Wheat	Rice	Maize	Cotton	Sugarcane	Others	Total
1990-91	889.71	189.3	75.72	378.6	208.23	151.44	1,893
1991-92	885.48	188.4	75.36	376.8	207.24	150.72	1,884
1992-93	1,009.38	214.76	85.9	429.52	236.24	171.81	2,148
1993-94	1,009.09	214.2	85.88	429.4	236.17	171.76	2,147
1994-95	1,026.05	218.31	87.32	436.62	240.14	174.64	2,183
1995-96	1,182.00	251.5	100.6	503	276.7	201.2	2,515
1996-97	1,076.00	253	104	500	196	284	2,413
1997-98	1,186.00	279	114	551	215	314	2,659
1998-99	1,171.65	138.97	57.87	596.67	274.06	343.83	2,583
1999-00	1,285.05	152.42	63.47	654.42	300.58	377.07	2,833
2000-01	1,344.02	159.41	66.37	684.45	314.37	394.38	2,963
2001-02	1,328.59	157.58	65.61	676.6	310.77	389.85	2,929
2002-03	1,369.87	162.48	67.65	697.62	320.42	401.96	3,020
2003-04	1,461.50	173.34	72.17	744.28	341.85	428.85	3,222
2004-05	1,847.00	221.64	55.41	923.5	295.52	184.7	3,694
2005-06	1,902.10	228.25	57.06	951.05	304.43	361.4	3,804
2006-07	1,835.80	220.29	55.07	917.9	293.72	348.8	3,672
2007-08	1,790.50	214.86	53.72	895.25	286.48	340.19	3,581
2008-09	1,855.50	222.7	55.7	927.7	296.9	352.5	3,711
2009-10	2,180.0	261.6	65.4	1,090.0	348.8	414.2	4,360
2010-11	1,966.50	236.00	58.99	983.25	314.64	373.63	3,933
2011-12	1,930.48	231.66	57.91	965.24	308.88	366.79	3,861
2012-13	1,810.60	217.27	54.32	905.30	289.70	344.01	3,621
2013-14	2,044.55	245.35	61.34	1,022.27	327.13	388.46	4,089
2014-15	2,157.95	258.95	64.74	1,078.97	345.27	410.01	4,316
2015-16	1,849.64	221.96	55.49	924.82	295.94	351.43	3,699
2016-17	2,520.06	302.41	75.60	1,260.03	403.21	478.81	5,040
2017-18	2,381.68	285.80	71.45	1,190.84	381.07	452.52	4,763
2018-19	2,307.20	276.86	69.22	1,153.60	369.15	438.37	4,614
2019-20	2,274.29	272.91	68.23	1,137.14	363.89	432.11	4,549
2020-21	2504.05	300.49	75.12	1252.02	400.65	475.77	5,008
2021-22	2500.73	300.09	75.02	1250.37	400.12	475.14	5,001
2022-23	2183.15	261.98	65.49	1091.57	349.30	414.80	4,366

Source: National Fertilizer Development Centre, Islamabad.

Note:

1. Assumed for 1980-81 to 1982-83 Wheat 48%, Rice 12%, Maize 7%, Cotton 16%, Sugarcane 9% and others 8%, as adopted in the 5th Five Year Plan.
2. Assumed for 1983-84 to 1987-88 Wheat 50%, Rice 10%, Maize 7%, Cotton 15%, Sugarcane 8% and others 10%, as adopted for the 6th Five Year Plan.
3. Assumed for 1988-89 and onwards Wheat 47%, Rice 10%, Maize 4%, Cotton 20%, Sugarcane 11%, others 8%, (Based on Fertilizer Use Survey 1986-87 conducted by NFDC).
4. Assumed for 1996/97 and 1997/98, Wheat= 44.6%, Rice= 10.5%, Maize= 4.3%, Cotton= 20.7%, Sugarcane= 8.1% and Others= 11.8%.
5. Assumed for 1998-99 to 2003-04, Wheat 45.36%, Maize 2.24%, Cotton 23.10%, Sugarcane 10, others 13.31% (Based on Fertilizer Use Survey 1999-00 NFDC).
6. Assumed for 2004-05 and onward, Wheat 50.0%, Maize 1.5%, Rice 6.0%, Cotton 25.0%, Sugarcane 8.0%, others 9.5% (Based on Fertilizer Use Survey Jan, 2005. NFDC)

Table 3.6 Fertilizer use rate (Kg/ha)

Year	N	P₂O₅	K₂O	N+P₂O₅+K₂O
Kharif Season				
2012	140	30	1	171
2013	148	33	1	182
2014	139	31	1	171
2015	123	23	1	147
2016	140	37	1	178
2017	174	51	2	228
2018	151	44	2	198
2019	158	49	2	209
2020	168	58	3	230
2021	168	46	3	217
2022	154	27	1	183
Rabi Season				
2012-13	129	33	1	163
2013-14	142	47	1	190
2014-15	138	48	1	187
2015-16	122	62	1	184
2016-17	142	67	2	211
2017-18	143	59	2	204
2018-19	136	48	2	186
2019-20	131	46	2	179
2020-21	145	48	3	196
2021-22	147	42	3	192
2022-23	150	35	2	186
Fiscal Year				
2012-13	122	32	1	155
2013-14	140	39	1	180
2014-15	145	43	1	190
2015-16	118	44	1	163
2016-17	165	56	2	222
2017-18	148	55	2	206
2018-19	145	49	2	197
2019-20	146	46	2	194
2020-21	154	51	3	207
2021-22	159	45	3	207
2022-23	150	31	1	182

Table 3.7 Fertilizer Nutrients Ratios in Pakistan

Year	In Relation to N			Percent of Total Offtake		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
1990-91	1	0.26	0.02	77.7	20.5	1.7
1991-92	1	0.27	0.02	77.6	21.1	1.2
1992-93	1	0.30	0.02	76.1	22.7	1.1
1993-94	1	0.28	0.01	77.3	21.6	1.1
1994-95	1	0.25	0.01	79.6	19.6	0.8
1995-96	1	0.25	0.01	79.2	19.6	1.2
1996-97	1	0.21	0.01	82.3	17.4	0.3
1997-98	1	0.26	0.01	78.5	20.7	0.8
1998-99	1	0.22	0.01	81.2	18	0.8
1999-00	1	0.27	0.01	78.3	21.1	0.7
2000-01	1	0.30	0.01	76.4	22.8	0.8
2001-02	1	0.27	0.00	78.3	21.4	0.3
2002-03	1	0.28	0.01	77.8	21.5	0.7
2003-04	1	0.27	0.01	78.4	20.9	0.7
2004-05	1	0.31	0.01	75.7	23.4	0.9
2005-06	1	0.29	0.01	76.9	22.4	0.7
2006-07	1	0.37	0.01	72.1	26.6	1.2
2007-08	1	0.22	0.01	81.7	17.6	0.8
2008-09	1	0.21	0.01	81.8	17.5	0.7
2009-10	1	0.25	0.01	79.7	19.7	0.5
2010-11	1	0.24	0.01	79.7	19.5	0.8
2011-12	1	0.20	0.01	83.0	16.3	0.7
2012-13	1	0.26	0.01	78.8	20.6	0.6
2013-14	1	0.28	0.01	77.9	21.5	0.6
2014-15	1	0.29	0.01	76.7	22.6	0.8
2015-16	1	0.38	0.01	72.2	27.2	0.5
2016-17	1	0.34	0.01	74	25.2	0.8
2017-18	1	0.37	0.02	72.1	26.8	1.1
2018-19	1	0.34	0.02	73.9	25.0	1.2
2019-20	1	0.32	0.02	75.1	23.8	1.1
2020-21	1	0.33	0.02	74.1	24.5	1.4
2021-22	1	0.28	0.02	76.7	21.8	1.4
2022-23	1	0.20	0.01	82.5	16.8	0.7

Table 3.8 District and Product-wise Fertilizer Offtake during 2012-13

													(tonnes)
Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Nankana	43,406	2,059	1,730	11,951	-	-	545	58	-	-	371	32	60,152
Chiniot	39,827	4,115	4,758	15,562	179	-	590	154	-	-	1,130	10	66,325
Attock	10,084	145	157	1,351	7	-	-	-	-	-	72	-	11,816
Rawalpindi	36,908	1,624	2,223	4,644	-	-	-	-	-	-	1,014	19	46,433
Islamabad	57	-	-	-	-	-	-	-	-	-	-	-	57
Jhelum	16,768	-	33	4,454	411	-	-	5	-	-	825	18	22,514
Chakwal	8,974	135	140	369	-	-	-	-	-	-	-	-	9,618
Sargodha	77,082	6,931	11,840	13,214	5	-	2,520	176	-	-	570	10	112,348
Khushab	30,177	277	96	5,846	85	-	200	22	-	-	1,549	16	38,268
Mianwali	34,046	1,446	116	14,228	10	-	25	83	-	-	1,389	17	51,360
Bhakkar	40,299	6,358	2,263	13,462	258	-	-	99	-	-	349	14	63,102
Faisalabad	138,376	3,888	6,233	27,736	75	-	3,691	122	-	-	936	17	181,074
Toba Tek Singh	79,701	6,903	12,558	18,153	3	-	1,100	290	-	-	238	3	118,949
Jhang	160,792	5,066	16,502	23,383	68	-	1,400	180	-	-	1,342	18	208,751
Gujrat	19,025	36	2,421	4,195	250	-	85	30	-	-	589	77	26,708
Sialkot	52,298	821	1,808	8,020	-	-	85	35	-	-	52	5	63,124
Gujranwala	249,787	9,837	11,404	31,046	78	-	11,262	246	-	-	1,467	95	315,222
Narowal	156,864	1,933	5,569	24,633	-	-	10,800	89	-	-	320	20	200,227
Mandi	120,499	3,439	9,532	19,365	73	-	4,999	243	-	-	1,591	38	159,779
Hafizabad	80,140	362	812	20,857	45	-	1,119	255	-	-	1,327	9	104,926
Sheikhupura	141,763	622	1,275	20,733	-	-	655	439	-	-	86	11	165,583
Lahore	107,722	1,566	3,175	14,902	167	-	1,273	90	-	-	594	13	129,502
Kasur	135,633	5,796	1,766	27,837	39	-	450	435	-	-	1,003	11	172,970
Okara	241,571	9,421	5,764	31,876	-	-	2,273	318	-	-	868	25	292,116
Sahiwal	103,577	3,582	7,577	25,452	12	-	1,041	311	-	-	616	13	142,181
Multan	164,416	44,124	56,610	35,082	68	-	4,360	625	-	-	2,238	23	307,546
Khanewal	119,452	10,441	15,597	37,695	67	-	2,050	510	-	-	1,271	13	187,097
Vehari	138,900	13,723	23,151	55,189	-	-	1,867	486	-	-	281	8	233,604
Pakpattan	129,478	3,976	7,824	30,079	92	-	382	303	-	-	556	8	172,699
Lodran	131,517	15,508	14,988	31,275	15	-	662	445	-	-	1,216	20	195,646
Muzaffar Garh	112,974	28,066	5,871	35,705	99	-	1,843	327	-	-	1,130	17	186,031
Layyah	69,945	19,013	4,785	17,855	107	-	665	141	-	-	711	36	113,258
Dera Ghazi	114,203	7,756	19,352	29,308	34	-	47	134	-	-	1,366	14	172,214
Rajapur	61,401	9,289	1,010	10,822	-	-	667	94	-	-	1,397	11	84,691
Bahawalpur	139,581	19,900	8,997	40,350	379	-	703	345	-	-	1,118	29	211,401
Rahim Yar	153,986	43,429	19,991	54,930	98	-	1,964	588	-	-	1,899	12	276,897
Bahawalnagar	145,694	18,124	8,808	32,849	84	-	315	362	-	-	770	25	207,030
New	-	-	7,090	176,124	-	11	18,654	4,945	5,448	394	-	-	212,666
Punjab	3,606,921	309,711	303,826	970,533	2,806	11	78,292	12,985	5,448	394	32,251	707	5,323,885

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies: 1. NFML, 2. FFC, 3. EFERT, 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2012-13

Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Tando Allah Yar	28,752	-	546	3,725	-	-	-	171	-	-	522	17	33,733
Kashmore	22,772	333	5,023	5,980	0	0	0	0	0	0	740	27	34,875
Qamber Shahdad Kot	32,760	1,668	260	8,315	-	-	-	15	-	-	171	65	43,254
Tando Muhammad khan	13,368	-	101	2,066	-	-	-	12	-	-	12	6	15,565
Matiari	29,909	2,127	3,613	6,657	5	-	6	17	-	-	967	26	43,327
Jamshoro	6,401	30	1,463	7,423	-	-	-	-	-	-	437	16	15,770
Malir	1,940	-	4,621	2,564	-	-	-	-	-	-	592	11	9,728
Khairpur	48,747	1,940	4,670	9,882	-	-	-	143	-	-	783	40	66,205
Jacobabad	23,515	28	2,627	8,965	-	-	210	6	-	-	237	60	35,648
Sukkur	33,903	3,981	3,078	6,463	-	-	636	96	-	-	-	9	48,166
Shikarpur	13,724	96	663	2,828	-	-	-	-	-	-	50	3	17,364
Nawabshah	80,487	13,216	8,745	13,178	-	-	175	113	-	-	481	11	116,406
Noshero Feroze	87,014	7,548	8,888	14,319	5	-	422	47	-	-	554	5	118,802
Ghotki	74,024	5,622	5,153	16,440	-	-	-	52	-	-	572	34	101,897
Larkana	20,306	515	6,610	3,905	-	-	-	-	-	-	1,088	32	32,456
Sanghar	110,100	20,676	13,828	13,532	3	-	561	99	-	-	487	49	159,335
Tharparker	-	-	-	-	-	-	-	-	-	-	-	-	-
Dadu	35,952	2,024	1,531	7,717	-	-	-	-	-	-	291	21	47,536
Hyderabad	28,344	12,666	10,460	4,861	-	-	187	44	-	-	614	12	57,188
Badin	70,162	6,120	6,312	9,155	-	-	128	60	-	-	869	69	92,875
Mirpurkhas	84,358	23,800	21,912	10,744	1	-	152	251	-	-	654	6	141,878
Umerkot	23,373	2,182	2,333	1,100	-	-	-	30	-	-	284	-	29,302
Thatta	17,931	4,394	1,962	3,169	22	-	30	13	-	-	256	1	27,778
Karachi	44,852	856	4,510	10,361	10	-	-	-	-	-	786	41	61,416
New distributors	-	-	733	29,619	-	-	-	894	543	-	-	-	31,789
Sindh	932,694	109,822	119,642	202,968	46	-	2,507	2,063	543	-	11,447	561	1,382,293

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies: 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2012-13

Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
	KP												
Shangla	2,871	60	438	55	-	-	-	-	-	-	-	-	3,424
Hangu	25	-	-	23	-	-	-	-	-	-	-	-	48
Peshawar	69,703	342	1,105	6,479	-	-	55	20	-	-	8	-	77,712
Charsadda	18,786	65	130	10,020	-	-	-	-	-	-	65	-	29,066
Nowshera	10,257	110	110	526	-	-	-	10	-	-	8	-	11,021
Mardan	99,785	3,263	2,649	8,470	-	-	4,670	-	-	-	1,219	-	120,056
Swabi	12,282	521	296	976	-	-	115	-	-	-	-	-	14,190
Kohat	8,732	-	229	959	-	-	-	-	-	-	140	-	10,060
Karak	133	-	-	35	-	-	-	-	-	-	-	-	168
Mansehra	24,203	844	1,681	2,192	-	-	-	-	-	-	780	0.5	29,700
Abbotabad	3,194	35	172	608	-	-	-	-	-	-	-	-	4,009
Kohistan	165	-	-	7	-	-	-	-	-	-	-	-	172
Haripur	9,597	435	768	798	-	-	710	-	-	-	-	-	12,308
Battagram	1,420	175	250	41	-	-	-	-	-	-	-	5.0	1,891
Malakand	11,531	55	605	1,691	-	-	-	3	-	-	30	-	13,915
Swat	58,626	573	1,023	13,461	-	-	667	-	-	-	442	-	74,791
Dir	4,644	274	175	2,334	-	-	-	-	-	-	117	-	7,544
Buner	7,031	411	604	1,611	30	-	-	-	-	-	145	-	9,831
Chitral	9	-	-	-	-	-	-	-	-	-	-	-	9
Dera Ismail Khan	33,554	2,721	2,071	11,552	-	-	-	75	-	-	1,346	1.0	51,321
Tank	185	-	-	25	-	-	-	-	-	-	-	-	210
Bannu	16,802	200	1,403	16,338	173	-	-	-	-	-	593	5.6	35,515
Lakki Marwat	3,655	-	-	953	-	-	-	-	-	-	-	-	4,608
Mohmand Agency	6,596	-	-	129	14	-	-	-	-	-	562	-	7,301
Khyber Agency	872	-	54	5	-	-	-	-	-	-	-	-	931
Kurram Agency	1,621	5	-	25	-	-	-	-	-	-	4	-	1,655
Orakzai Agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Bajour Agency	3,376	70	33	746	-	-	-	-	-	-	-	-	4,225
North Waziristan	-	-	-	-	-	-	-	-	-	-	-	-	-
South Waziristan	280	-	-	-	-	-	-	-	-	-	-	-	280
New distributors	-	-	-	19,016	-	-	-	858	116	-	-	-	19,990
KP	409,936	10,159	13,796	99,075	217	-	6,217	966	116	-	5,458	12	545,952

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2012-13

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Harni	1,512	28	741	580	-	-	-	-	-	-	-	-	2,861
Awaran	2,039	-	-	210	-	-	-	-	-	-	-	-	2,249
Chaman	-	-	-	-	-	-	-	-	-	-	-	-	-
Quetta	55,187	1,146	295	5,620	-	-	-	32	-	-	224	20	62,525
Pishin	40,769	-	61	5,244	-	-	-	100	-	-	335	-	46,509
Chagai	12,843	50	80	21,957	-	-	-	-	-	-	63	-	34,993
Kachhi (Bolan)	360	-	-	102	-	-	-	-	-	-	-	-	462
Mastung	1,675	-	-	98	-	-	-	-	-	-	-	-	1,773
Loralai	2,169	-	41	61	-	-	-	-	-	-	128	-	2,399
Zhob	1,335	-	60	50	-	-	-	-	-	-	-	-	1,445
Qila Saifullah	3,205	-	760	160	-	-	-	-	-	-	232	-	4,357
Qila Abdullah	4,702	-	137	2,814	-	-	-	-	-	-	202	-	7,855
Sibi	4,718	40	198	811	-	-	-	-	-	-	-	-	5,767
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Bugti	-	-	-	-	-	-	-	-	-	-	-	-	-
Ziarat	45	-	-	-	-	-	-	-	-	-	-	-	45
Nasirabad	4,296	-	59	775	-	-	-	-	-	-	123	-	5,253
Kalat	13,416	-	35	1,608	-	-	-	-	-	-	121	-	15,179
Jafarabad	22,240	-	133	4,030	-	-	-	-	-	-	85	1	26,490
Jhal Magsi	460	-	-	122	-	-	-	-	-	-	-	-	582
Barkhan	90	-	-	10	-	-	-	-	-	-	-	-	100
Khuzdar	13,616	-	1,486	5,490	-	-	-	-	-	-	55	2	20,649
Kharan	15,484	-	-	4,545	6	-	-	-	-	-	505	6	20,546
Lasbela	29,684	1,041	3,369	3,795	-	-	-	-	-	-	298	8	38,196
Panjgur	-	-	-	-	-	-	-	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Kech (Turbat)	15,118	8	320	-	-	-	-	-	-	-	-	-	15,446
Nushki	2,807	-	-	193	-	-	-	-	-	-	-	-	3,000
New distributors	-	-	1,321	14,072	-	-	-	201	127	-	-	-	15,721
Balochistan	247,770	2,388	9,167	72,347	6	-	-	333	127	-	2,371	37	334,546
Pakistan Total	5,197,321	432,080	446,431	1,344,922	3,076	11	87,016	16,347	6,234	394	51,527	1,317	7,586,676

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available
 2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2013-14

													(tonnes)
Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
	PUNJAB												
Nankana	46,005	14,286	6,452	9,712	-	-	455	3	-	-	177	25	77,115
Chiniot	60,177	3,973	4,956	17,656	-	-	-	-	45	-	1,842	28	88,677
Attock	13,728	533	2,102	1,813	-	-	-	-	-	-	117	-	18,293
Rawalpindi	30,058	5,062	2,455	4,526	-	-	280	-	50	-	53	-	42,484
Islamabad	910	-	-	-	-	-	-	-	-	-	-	-	910
Jhelum	8,238	1,696	42	858	-	-	-	-	-	-	63	8	10,905
Chakwal	3,556	967	228	683	-	-	-	-	10	-	-	-	5,444
Sargodha	60,976	8,682	13,329	14,596	-	-	1,772	98	60	-	743	17	100,273
Khushab	15,229	2,488	2,210	2,230	-	-	20	7	-	-	284	14	22,482
Mianwali	25,222	278	135	16,121	-	-	35	11	60	-	656	17	42,534
Bhakkar	53,684	11,678	3,487	15,565	-	-	-	77	60	-	1,480	33	86,064
Faisalabad	137,656	8,264	7,783	32,841	-	-	7,299	121	161	-	2,206	85	196,416
Toba Tek Singh	93,265	6,939	9,022	26,540	-	-	472	131	60	-	1,901	39	138,369
Jhang	157,677	12,457	18,402	33,519	-	-	1,515	64	135	-	2,044	68	225,881
Gujrat	18,050	1,384	1,574	3,428	-	-	455	-	-	-	217	26	25,134
Sialkot	42,201	1,669	1,647	8,988	-	-	181	27	10	-	291	21	55,035
Gujranwala	230,326	16,211	17,830	45,821	-	-	9,426	75	48	-	1,384	99	321,221
Narowal	91,492	7,000	12,531	21,644	-	-	6,100	33	51	-	686	26	139,563
Mandi Bahauddin	94,141	10,885	12,342	19,679	-	-	4,752	13	61	-	2,435	61	144,368
Hafizabad	95,564	1,093	431	14,934	-	-	1,723	15	13	-	182	46	114,000
Sheikhupura	146,652	2,814	5,589	25,495	-	-	307	21	15	-	582	38	181,513
Lahore	74,309	3,990	1,984	20,928	-	-	1,197	46	30	-	598	33	103,115
Kasur	125,773	7,563	3,952	44,293	-	-	90	183	204	-	885	37	182,981
Okara	237,193	10,274	4,935	48,674	-	-	2,321	118	232	-	2,313	93	306,152
Sahiwal	109,932	7,805	9,171	31,646	-	-	869	48	188	-	642	8	160,308
Multan	262,978	50,023	47,727	62,942	-	-	4,320	110	157	-	2,004	31	430,292
Khanewal	140,359	11,802	15,763	41,928	-	-	1,823	206	155	-	1,923	23	213,982
Vehari	176,555	19,200	22,442	57,267	-	-	3,954	209	237	-	2,536	28	282,428
Pakpattan	104,982	8,657	9,143	23,219	-	-	1,704	80	240	-	2,437	44	150,506
Lodran	162,179	22,761	13,444	35,264	-	-	1,479	125	181	-	256	16	235,705
Muzaffar Garh	116,622	27,450	8,631	39,934	-	-	-	155	120	-	886	24	193,822
Layyah	97,738	17,741	6,356	21,308	-	-	860	61	60	-	1,708	111	145,943
Dera Ghazi Khan	136,182	17,036	14,470	40,352	-	-	81	60	110	-	369	26	208,687
Rajanpur	102,298	9,345	3,845	21,070	-	-	226	64	60	-	720	12	137,640
Bahawalpur	170,150	22,106	8,593	39,040	-	-	426	76	142	-	1,408	21	241,961
Rahim Yar Khan	243,382	32,018	21,721	61,838	-	-	1,008	130	180	-	1,669	56	362,003
Bahawalnagar	168,458	18,646	7,460	38,143	2	-	498	-	180	-	1,131	64	234,582
New distributors	-	-	5,424	204,655	-	-	12,700	2,738	8,808	1,099	-	-	235,424
Punjab	3,853,894	404,776	327,608	1,149,150	2	-	68,348	5,105	12,123	1,099	38,828	1,278	5,862,211

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2013-14

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Tando Allah Yar	32,191	-	2,720	4,802	-	-	124	143	-	-	2,185	37	42,202
Kashmore	40,144	951	620	8,247	-	-	-	-	-	-	296	21	50,279
Qamber Shahdad Kot	46,861	108	201	7,733	-	-	-	75	-	-	114	135	55,227
Tando Muhammad Khan	26,010	-	358	2,138	-	-	129	18	5	-	101	11	28,770
Matiari	34,545	4,533	4,556	7,029	-	-	57	42	-	-	805	14	51,581
Jamshoro	9,772	190	346	1,687	-	-	-	-	-	-	164	11	12,170
Malir	2,991	-	73	253	-	-	-	-	-	-	285	12	3,614
Khairpur	94,936	4,081	7,177	13,612	-	-	-	71	5	-	606	64	120,552
Jacobabad	33,984	99	1,840	5,194	-	-	15	1	-	-	297	9	41,439
Sukkur	44,570	6,488	3,017	9,073	-	-	-	120	-	-	107	9	63,384
Shikarpur	26,664	506	1,900	2,438	-	-	-	3	-	-	32	36	31,579
Nawabshah	99,629	16,745	4,788	17,714	-	-	119	-	3	-	1,183	22	140,203
Noshero Feroz	119,402	7,274	8,114	28,589	-	-	60	29	-	-	1,385	57	164,910
Ghotki	147,109	3,422	3,115	27,422	-	-	-	119	40	-	131	35	181,393
Larkana	33,716	4,050	1,308	5,699	-	-	-	58	-	-	193	100	45,124
Sanghar	139,298	12,806	15,630	18,465	-	-	-	152	5	-	976	17	187,349
Tharparkar	-	-	-	-	-	-	-	-	-	-	-	-	-
Dadu	57,313	4,285	1,930	12,634	-	-	-	3	-	-	289	69	76,523
Hyderabad	41,942	14,677	12,237	11,652	-	-	10	18	2	-	986	14	81,538
Badin	91,939	4,781	5,732	11,473	-	-	-	87	25	-	1,810	116	115,963
Mirpurkhas	96,641	12,431	27,545	15,186	-	-	740	101	18	-	2,021	96	154,779
Umerkot	15,665	1,423	4,766	2,350	-	-	-	5	-	-	168	-	24,377
Thatta	20,812	3,096	2,285	3,452	-	-	65	-	-	-	1,062	10	30,782
Karachi	77,492	753	8,351	58,960	-	-	-	-	-	-	387	32	145,975
New distributors	-	-	1,952	66,047	-	-	-	413	1,539	315	-	-	70,266
Sindh	1,333,626	102,699	120,561	341,849	-	-	1,319	1,458	1,642	315	15,853	927	1,919,979

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2013-14

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
	KP												
Shangla	1,447	-	734	343	-	-	-	-	-	-	-	-	2,524
Hangu	115	-	-	48	-	-	-	-	-	-	-	-	163
Peshawar	50,197	-	1,946	9,069	-	-	205	11	15	-	15	-	61,458
Charsadda	16,115	259	1,170	3,792	-	-	110	30	34	-	10	-	21,520
Nowshera	7,272	-	418	1,239	-	-	-	-	-	-	-	-	8,929
Mardan	89,748	-	6,782	12,570	-	-	7,404	44	60	-	517	0	117,125
Swabi	13,645	-	412	1,516	-	-	25	-	10	-	-	-	15,608
Kohat	11,054	-	281	1,262	-	-	-	18	-	-	-	-	12,615
Karak	1,420	-	13	141	-	-	-	-	-	-	-	-	1,574
Mansehra	16,028	-	1,056	3,961	-	-	325	-	-	-	705	3	22,077
Abbotabad	3,168	-	385	224	-	-	-	30	30	-	-	-	3,837
Kohistan	600	-	-	90	-	-	-	-	-	-	-	-	690
Haripur	8,268	-	1,320	1,357	-	-	800	-	-	-	-	-	11,745
Battagram	405	-	-	81	-	-	-	-	-	-	-	-	486
Malakand	6,100	-	181	1,512	-	-	-	12	-	-	-	-	7,805
Swat	43,257	-	1,592	10,344	-	-	2,948	-	-	-	752	-	58,893
Dir	647	-	99	3,648	-	-	-	-	-	-	451	-	4,845
Buner	4,866	-	824	1,719	-	-	-	-	-	-	628	3	8,040
Chitral	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Ismail Khan	41,435	-	1,938	1,612	-	-	-	-	-	-	423	-	45,408
Tank	355	-	-	2,314	-	-	-	-	-	-	-	-	2,669
Bannu	7,609	-	438	8,223	-	-	-	-	-	-	275	70	16,615
Lakki Marwat	5,827	-	-	966	-	-	-	-	-	-	-	-	6,793
Mohmand	2,331	-	190	125	-	-	-	-	-	-	113	-	2,759
Khyber	1,250	-	220	130	-	-	-	-	-	-	-	-	1,600
Kurram	1,958	-	30	55	-	-	-	-	-	-	-	-	2,043
Orakzai	-	-	-	-	-	-	-	-	-	-	-	-	-
Bajour	3,245	-	-	472	-	-	-	-	-	-	-	-	3,717
New distributors	-	-	4,670	11,243	-	-	-	104	711	203	-	-	16,931
KP	338,361	259	24,699	86,003	-	-	11,817	295	900	203	3,889	76	466,502

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2013-14

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Harnai	10,647	-	2,566	669	-	-	-	-	-	-	-	-	13,882
Awaran	2,050	-	-	175	-	-	-	-	-	-	-	-	2,225
Chaman	-	-	-	-	-	-	-	-	-	-	-	-	-
Kech (Turbat)	2,753	-	100	177	-	-	-	-	-	-	-	-	3,030
Quetta	66,321	-	602	7,898	-	-	-	48	-	-	867	1	75,737
Pishin	30,048	-	150	3,345	-	-	-	30	-	-	785	5	34,363
Chaghi	8,252	-	-	785	-	-	-	-	-	-	-	-	9,037
Kachhi (Bolan)	570	-	-	198	-	-	-	-	-	-	-	-	768
Mastung	1,965	-	-	189	-	-	-	3	-	-	-	-	2,157
Loralai	630	-	91	70	-	-	-	-	-	-	58	-	849
Zhob	1,061	-	-	45	-	-	-	-	-	-	3	-	1,109
Qila Saifullah	7,985	-	60	445	-	-	-	-	-	-	9	-	8,499
Qila Abdullah	2,945	-	-	398	-	-	-	1	-	-	144	-	3,488
Sibi	8,951	-	50	1,875	-	-	-	-	-	-	-	-	10,876
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Bugti	-	-	-	-	-	-	-	-	-	-	-	-	-
Ziarat	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	7,622	-	178	1,724	-	-	-	-	-	-	14	-	9,538
Kalat	7,770	-	-	499	-	-	-	-	-	-	79	-	8,348
Jafarabad	24,937	-	225	5,701	-	-	-	33	-	-	191	2	31,089
Jhal Magsi	507	-	-	381	-	-	-	-	-	-	-	-	888
Barkhan	580	-	-	95	-	-	-	-	-	-	-	-	675
Khuzdar	9,006	-	190	2,005	-	-	-	-	-	-	162	-	11,363
Kharan	7,582	-	-	856	-	-	-	-	-	-	23	7	8,468
Lasbela	14,024	-	63	1,355	-	-	-	-	-	-	227	-	15,669
Panjour	-	-	-	-	-	-	-	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Nushki	5,166	-	-	535	-	-	-	-	-	-	-	-	5,701
New distributors	-	-	1,093	16,569	-	-	-	122	771	328	-	-	18,883
Balochistan	221,371	-	5,368	45,989	-	-	-	237	771	328	2,562	15	276,641
Pakistan	5,747,253	507,734	478,236	1,622,991	2	-	81,484	7,095	15,436	1,945	60,862	2,296	8,525,334

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2014-15

Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Nankana	47,676	2,280	1,853	10,834	-	-	195	1	92	-	341	35	63,307
Chiniot	56,689	3,707	1,703	16,688	-	-	71	23	301	-	2,013	7	81,201
Attock	7,225	1,714	249	1,014	-	-	-	-	-	-	-	-	10,202
Rawalpindi	27,858	5,000	3,869	5,234	-	-	590	-	51	-	84	-	42,686
Islamabad	400	-	-	-	-	-	-	-	-	-	-	-	400
Jhelum	1,741	-	1	441	-	-	-	0	10	-	-	-	2,193
Chakwal	1,615	280	961	468	-	-	-	-	-	-	-	-	3,324
Sargodha	81,291	5,003	11,354	14,255	-	-	2,650	39	300	-	1,313	50	116,256
Khushab	11,181	19	119	1,720	-	-	-	30	24	-	94	1	13,188
Mianwali	20,738	1,905	409	9,894	-	-	1,476	-	106	-	1,163	15	35,706
Bhakkar	59,406	6,923	3,143	14,253	-	-	-	-	234	-	699	29	84,686
Faisalabad	142,853	5,705	7,847	37,527	-	-	2,361	61	641	-	1,367	24	198,386
Toba Tek Singh	106,463	8,158	11,334	28,453	-	-	954	30	506	-	2,296	35	158,229
Jhang	164,081	8,054	18,341	36,103	-	-	1,364	36	383	-	1,967	46	230,375
Gujrat	21,571	618	1,171	5,717	-	-	530	8	66	-	30	-	29,710
Sialkot	50,528	1,084	3,006	17,310	-	-	183	1	231	-	315	13	72,671
Gujranwala	186,134	11,840	14,389	60,709	-	-	10,949	7	537	-	1,609	282	286,456
Narowal	60,453	3,586	6,886	19,733	-	-	15,614	8	504	-	622	28	107,434
Mandi Bahauddin	96,338	7,456	11,204	23,621	-	-	10,827	33	287	-	1,941	43	151,750
Hafizabad	53,779	1,554	238	16,059	-	-	1,051	16	295	-	210	23	73,224
Sheikhupura	97,879	1,611	2,609	32,454	-	-	60	2	712	-	584	43	135,954
Lahore	56,370	3,148	3,692	16,736	-	-	369	1	289	-	1,366	24	81,995
Kasur	123,353	7,844	2,959	46,284	-	-	20	89	1,038	-	794	11	182,392
Okara	280,399	5,092	5,897	54,727	-	-	2,644	13	1,022	-	2,223	56	352,073
Sahiwal	131,384	6,911	15,255	36,254	-	-	234	23	759	-	804	14	191,638
Multan	247,208	45,072	61,553	83,791	-	-	2,896	253	897	-	1,657	22	443,348
Khanewal	168,015	10,003	26,642	45,263	-	-	2,260	54	784	-	2,111	23	255,155
Vehari	201,213	11,088	30,169	64,363	-	-	3,965	82	921	-	3,457	25	315,283
Pakpattan	113,436	5,862	13,899	28,883	-	-	220	45	608	-	3,227	43	166,223
Lodran	161,877	19,259	17,118	37,974	-	-	206	56	679	-	442	1	237,612
Muzaffar Garh	130,470	35,068	8,973	40,823	-	-	270	53	731	-	638	17	217,043
Layyah	110,400	23,486	7,224	26,600	-	-	450	24	308	-	1,305	39	169,836
Dera Ghazi Khan	135,846	11,119	19,526	46,804	-	-	4	-	386	-	346	9	214,040
Rajanpur	122,380	12,966	4,250	23,868	-	-	99	6	295	-	648	19	164,531
Bahawalpur	210,308	23,762	13,329	51,797	-	-	60	63	944	-	1,600	14	301,877
Rahim Yar Khan	300,692	57,137	32,040	87,159	-	-	1,530	230	1,117	-	2,580	50	482,534
Bahawalnagar	182,201	19,219	9,855	43,931	-	-	60	31	844	-	881	44	257,066
New distributors	-	-	920	231,963	-	-	18,736	2,500	6,658	4,661	-	-	265,438
Punjab	3,971,448	373,533	373,987	1,319,706	-	-	82,898	3,818	23,560	4,661	40,727	1,085	6,195,423

Continued....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2014-15

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Tando Allah Yar	38,769	-	4,216	6,472	-	-	225	74	172	-	2,448	18	52,394
Kashmore	54,516	488	203	8,936	-	-	-	-	-	-	130	10	64,283
Qamber Shahdad Kot	47,953	420	585	10,331	-	-	-	-	58	-	209	143	59,699
Tando Muhammad Khan	27,895	-	1,002	4,397	-	-	-	33	64	-	136	23	33,550
Matiali	49,908	3,737	2,854	9,331	-	-	25	3	118	-	1,338	10	67,324
Jamshoro	14,495	10	447	1,918	-	-	-	-	28	-	11	-	16,909
Malir	1,469	-	18	84	-	-	-	-	-	-	110	-	1,681
Khairpur	77,627	880	3,031	14,505	-	-	-	30	208	-	332	11	96,624
Jacobabad	33,424	358	487	5,097	-	-	-	-	47	-	79	36	39,528
Sukkur	72,491	4,457	2,537	15,055	-	-	20	59	196	-	61	5	94,881
Shikarpur	34,673	257	284	3,064	-	-	-	2	7	-	87	52	38,426
Nawabshah	121,388	12,094	7,210	25,642	-	-	20	101	199	-	2,074	24	168,752
Noshero Feroz	133,894	5,187	9,419	30,585	-	-	158	-	158	-	2,482	40	181,923
Ghotki	174,697	9,553	7,217	30,864	-	-	-	48	284	-	746	42	223,451
Larkana	33,653	302	739	6,935	-	-	-	-	2	-	120	119	41,870
Sanghar	145,390	16,321	13,930	24,890	-	-	-	69	274	-	1,744	38	202,656
Tharparkar	-	-	-	-	-	-	-	-	-	-	-	-	-
Dadu	45,252	385	1,257	9,540	-	-	-	-	73	-	293	76	56,876
Hyderabad	36,005	17,175	9,933	8,002	-	-	504	6	102	-	1,280	11	73,018
Badin	85,417	5,349	6,291	19,165	-	-	35	-	183	-	1,435	50	117,925
Mirpurkhas	122,705	25,363	27,803	20,597	-	-	163	126	281	-	2,094	26	199,158
Umerkot	14,612	3,929	3,944	2,049	-	-	-	5	49	-	137	-	24,725
Thatta	28,745	6,250	1,946	4,105	-	-	-	-	77	-	1,420	9	42,552
Karachi	62,977	350	5,665	50,040	-	-	-	-	10	-	302	2	119,346
New distributors	-	-	-	21,226	-	-	501	993	904	841	-	-	24,465
Sindh	1,457,955	112,865	111,018	332,830	-	-	1,651	1,549	3,494	841	19,068	745	2,042,016

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2014-15

Districts	UREA	CAN	NP	DAP									(tonnes)	
					MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL	
					KP									
Shangla	3,079	-	2,028	513	-	-	-	-	-	-	-	-	-	5,620
Hangu	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	46,825	134	4,276	10,265	-	-	170	15	27	-	35	-	-	61,747
Charsadda	17,853	-	1,312	4,131	-	-	30	64	80	-	90	-	-	23,560
Nowshera	9,262	-	730	2,326	-	-	-	15	54	-	-	-	-	12,387
Mardan	92,831	200	5,928	18,649	-	-	12,050	110	257	-	1,132	1	-	131,158
Swabi	10,689	-	656	1,454	-	-	30	7	2	-	466	-	-	13,304
Kohat	1,093	-	105	119	-	-	-	-	-	-	30	-	-	1,347
Karak	8,085	-	-	2,237	-	-	-	-	47	-	-	-	-	10,369
Mansehra	16,215	-	1,596	6,000	-	-	370	-	55	-	493	4	-	24,733
Abbotabad	4,927	40	891	1,291	-	-	-	-	-	-	-	-	-	7,149
Kohistan	155	-	-	8	-	-	-	-	-	-	-	-	-	163
Haripur	4,877	-	895	855	-	-	1,355	-	5	-	-	-	-	7,987
Battagram	711	-	16	58	-	-	-	-	-	-	-	-	-	785
Malakand	6,471	-	157	1,484	-	-	-	7	3	-	-	-	-	8,122
Swat	28,403	-	1,483	9,403	-	-	990	-	110	-	859	7	-	41,255
Dir	4,699	-	387	4,754	-	-	-	-	22	-	162	3	-	10,027
Buner	7,498	-	1,282	2,573	-	-	-	8	-	-	885	4	-	12,250
Dera Ismail Khan	33,547	-	1,318	8,008	-	-	500	-	181	-	1,060	3	-	44,617
Tank	595	-	-	91	-	-	-	-	-	-	-	-	-	686
Bannu	5,088	-	295	8,523	-	-	-	-	2	-	1,230	180	-	15,318
Lakki Marwat	5,365	-	-	1,101	-	-	-	-	9	-	-	-	-	6,475
Mohmand	1,309	-	93	618	-	-	-	1	-	-	160	1	-	2,182
Khyber	730	-	228	237	-	-	-	-	-	-	-	-	-	1,195
Kurram	1,125	-	-	323	-	-	-	-	2	-	-	-	-	1,450
Orakzai	5	-	-	-	-	-	-	-	-	-	-	-	-	5
Bajour	1,395	-	-	360	-	-	-	-	16	-	-	-	-	1,771
North Waziristan	135	-	-	-	-	-	-	-	-	-	-	-	-	135
South Waziristan	365	-	-	-	-	-	-	-	-	-	-	-	-	365
New distributors	-	-	-	12,023	-	-	150	203	575	743	-	-	-	13,694
KP	313,331	374	23,676	97,404	-	-	15,645	430	1,447	743	6,602	203	-	459,855

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2014-15

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Harnai	7,676	-	4,391	845	-	-	-	-	-	-	-	-	12,912
Awaran	600	-	-	91	-	-	-	-	-	-	-	-	691
Chaman	-	-	-	-	-	-	-	-	-	-	-	-	-
Kech (Turbat)	1,650	-	-	158	-	-	-	-	42	-	-	-	1,850
Quetta	37,175	-	953	7,217	-	-	-	15	45	-	627	2	46,033
Pishin	24,258	-	75	4,731	-	-	-	9	115	-	913	-	30,100
Chaghi	13,095	-	250	2,048	-	-	-	15	15	-	-	-	15,423
Mastung	1,770	-	-	410	-	-	-	1	4	-	-	-	2,185
Loralai	13,220	-	3	1,685	-	-	-	6	56	-	31	-	15,001
Zhob	605	-	-	114	-	-	-	-	5	-	11	-	735
Qila Saifullah	2,610	-	30	363	-	-	-	-	17	-	40	-	3,060
Qila Abdullah	2,976	-	-	211	-	-	-	-	-	-	98	-	3,285
Sibi	7,541	-	50	1,678	-	-	-	13	31	-	-	-	9,313
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Bugti	-	-	-	-	-	-	-	-	-	-	-	-	-
Ziarat	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	4,978	-	40	1,163	-	-	-	5	20	-	-	-	6,206
Kachhi (Bolan)	5,190	-	-	367	-	-	-	-	2	-	-	-	5,559
Kalat	10,242	-	-	1,409	-	-	-	10	36	-	133	-	11,830
Jafarabad	23,577	-	384	6,702	-	-	-	14	40	-	269	3	30,989
Jhal magsi	930	-	-	218	-	-	-	-	4	-	-	-	1,152
Barkhan	229	-	-	110	-	-	-	-	3	-	-	-	342
Khuzdar	11,719	-	-	5,461	-	-	-	-	20	-	205	-	17,405
Kharan	2,360	-	1	497	-	-	-	-	5	-	-	-	2,863
Lasbela	18,870	-	628	2,790	-	-	-	-	-	-	620	2	22,910
Nushki	2,585	-	-	461	-	-	-	-	13	-	-	-	3,059
New distributors	-	-	-	12,503	-	-	-	203	791	1,657	-	-	15,154
Balochistan	193,854	-	6,813	51,242	-	-	-	291	1,264	1,657	2,947	7	258,075
Pakistan	5,936,713	486,772	515,494	1,801,182	-	-	100,194	6,088	29,765	7,902	69,344	2,040	8,955,494

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2015-16

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
	PUNJAB												
Nankana	35,352	1,687	2,098	7,179	-	-	423	11	5	-	106	13	46,874
Chiniot	50,172	1,940	5,241	14,731	-	-	30	107	34	-	1,787	33	74,075
Attock	5,060	778	140	660	-	-	-	-	-	-	-	-	6,638
Rawalpindi	20,889	3,504	3,059	2,370	-	-	1,050	9	13	-	-	1	30,895
Jhelum	1,024	-	77	600	-	-	-	1	-	-	-	-	1,702
Chakwal	1,316	95	200	261	-	-	-	0	-	-	-	-	1,872
Sargodha	59,022	1,511	14,512	13,938	-	-	1,904	94	57	-	1,148	18	92,204
Khushab	10,831	36	307	2,028	-	-	5	-	2	-	25	-	13,234
Mianwali	23,837	37	859	7,883	-	-	32	-	51	-	1,027	143	33,869
Bhakkar	39,942	3,901	1,581	12,828	-	-	29	-	68	-	1,081	-	59,429
Faisalabad	113,628	3,134	9,525	28,046	-	-	3,792	117	71	-	789	22	159,123
Toba Tek Singh	81,907	3,851	17,667	26,736	-	-	288	179	10	-	1,466	29	132,132
Jhang	103,662	6,163	21,727	31,492	-	-	1,398	107	118	-	283	61	165,011
Gujrat	9,769	64	466	2,369	-	-	213	1	9	-	-	-	12,890
Sialkot	25,113	397	1,986	6,508	-	-	148	11	45	-	73	8	34,288
Gujranwala	131,596	3,660	8,803	23,899	-	-	5,269	25	64	-	1,507	116	174,939
Narowal	123,216	1,730	4,036	12,568	-	-	12,312	21	65	-	490	12	154,449
Mandi Bahauddin	75,294	5,511	7,894	12,238	-	-	8,147	91	20	-	1,430	16	110,641
Hafizabad	51,257	197	392	14,728	-	-	1,211	30	67	-	50	6	67,938
Shekhupura	86,368	754	1,011	22,228	-	-	298	63	154	-	295	22	111,193
Lahore	45,471	1,234	2,259	10,942	-	-	546	26	43	-	1,350	12	61,882
Kasur	112,081	3,590	3,989	32,185	-	-	64	112	165	-	317	6	152,509
Okara	145,128	3,303	4,344	40,363	-	-	1,422	41	112	-	2,836	27	197,575
Sahiwal	81,323	2,677	15,529	32,252	-	-	712	105	183	-	690	4	133,474
Multan	117,342	126,887	145,975	65,225	-	-	672	245	82	-	1,624	35	458,087
Khanewal	102,182	3,425	22,467	36,330	-	-	1,610	133	156	-	1,268	12	167,583
Vehari	137,856	3,027	23,632	71,534	-	-	8,693	220	160	-	2,504	17	247,642
Pakpattan	81,211	2,000	12,300	21,325	-	-	887	77	63	-	2,194	28	120,085
Lodran	91,207	8,627	16,255	43,018	-	-	1,285	77	57	-	311	-	160,836
Muzaffar Garh	116,428	20,311	9,222	43,109	-	-	191	301	100	-	606	2	190,270
Layyah	81,069	7,347	4,536	24,993	-	-	61	60	54	-	1,342	14	119,476
Dera Ghazi Khan	116,378	6,835	12,018	37,719	-	-	207	23	5	-	231	3	173,419
Rajanpur	94,122	1,422	2,141	26,661	-	-	344	33	6	-	469	13	125,211
Bahawalpur	159,357	11,628	11,340	58,512	-	-	1,067	231	198	-	1,431	18	243,782
Rahim Yar Khan	290,653	42,813	39,799	102,185	-	-	1,793	593	421	-	2,220	34	480,511
Bahawalnagar	127,526	7,467	7,668	40,626	-	-	1,161	54	83	-	550	36	185,171
New distributors	-	-	5,043	365,314	-	-	25,740	2,930	3,021	8,312	8,783	-	419,143
Punjab	2,948,589	291,543	440,098	1,295,583	-	-	83,000	6,128	5,758	8,312	40,283	761	5,120,055

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2015-16

													(tonnes)
Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Tando Allah Yar	38,674	-	4,429	6,511	-	-	1,122	91	43	-	3,010	10	53,890
Kashmore	38,418	1,205	617	12,586	-	-	252	4	10	-	93	12	53,197
Qamber Shahdad Kot	46,962	16	174	10,402	-	-	142	13	-	-	16	111	57,836
Tando Muhammad Khan	22,089	-	15	4,220	-	-	204	7	26	-	209	12	26,782
Matiari	36,329	3,646	3,799	12,903	-	-	342	63	46	-	1,225	12	58,365
Jamshoro	9,409	2,011	36	2,188	-	-	23	20	-	-	-	-	13,687
Malir	575	-	5	19	-	-	3	-	-	-	30	-	632
Khairpur	48,339	490	1,160	18,225	-	-	123	35	69	-	86	-	68,527
Jacobabad	23,094	5,052	3,672	7,577	-	-	368	11	4	-	21	30	39,829
Sukkur	68,356	4,169	6,167	28,883	-	-	1,161	25	2	-	273	4	109,041
Shikarpur	18,148	33	655	6,063	-	-	210	6	4	-	96	24	25,239
Nawabshah	110,413	10,407	6,249	32,838	-	-	273	28	130	-	2,344	25	162,707
Noshero Feroz	145,637	11,697	8,842	50,710	-	-	1,673	76	49	-	2,559	29	221,272
Ghotki	144,824	2,197	5,606	41,807	-	-	161	45	74	-	357	7	195,078
Larkana	28,590	84	143	7,220	-	-	164	2	2	-	96	57	36,358
Sanghar	125,804	7,450	14,947	28,923	-	-	1,594	94	120	-	1,665	23	180,620
Tharparkar	3,001	-	-	-	-	-	-	-	-	-	-	-	3,001
Dadu	45,138	529	682	12,405	-	-	155	1	1	-	408	63	59,382
Hyderabad	49,426	12,761	16,002	9,978	-	-	2,674	49	18	-	1,154	18	92,080
Badin	82,076	5,802	8,438	17,430	-	-	570	38	61	-	2,019	47	116,481
Mirpurkhas	93,846	18,616	45,525	18,546	-	-	3,538	126	97	-	2,663	27	182,984
Umerkot	12,641	455	2,462	2,503	-	-	105	23	74	-	147	-	18,410
Thatta	21,138	996	1,630	2,309	-	-	534	-	55	-	1,104	15	27,781
Karachi	58,338	237	1,867	39,232	-	-	15	-	17	-	256	2	99,964
New distributors	-	-	744	41,147	-	-	1,377	755	297	882	-	-	45,202
Sindh	1,271,265	87,853	133,866	414,625	-	-	16,783	1,510	1,198	882	19,831	528	1,948,341

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2015-16

Districts	(tonnes)												TOTAL
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	
	KP												
Shangla	1,921	-	3,650	73	-	-	-	-	-	-	-	-	5,644
Hangu	38	-	-	60	-	-	-	-	-	-	-	-	98
Peshawar	32,635	-	1,430	4,675	-	-	75	-	-	-	-	-	38,815
Charsadda	16,112	88	1,003	2,265	-	-	-	10	-	-	11	-	19,489
Nowshera	4,823	-	270	654	-	-	-	-	-	-	1	-	5,748
Mardan	58,890	-	4,672	8,675	-	-	7,839	-	-	-	980	-	81,056
Swabi	9,387	-	110	1,654	-	-	-	-	-	-	1,565	5	12,721
Kohat	2,288	-	145	1,255	-	-	-	-	-	-	-	-	3,688
Karak	3,708	-	-	105	-	-	-	-	-	-	-	-	3,813
Mansehra	13,252	-	1,006	2,254	-	-	-	-	-	-	992	-	17,504
Abbotabad	2,615	-	1,520	529	-	-	-	-	-	-	-	-	4,664
Kohistan	20	-	-	5	-	-	-	-	-	-	-	-	25
Haripur	2,005	-	138	447	-	-	885	-	-	-	-	-	3,475
Battagram	261	-	380	8	-	-	-	-	-	-	-	-	649
Malakand	6,414	-	359	571	-	-	-	-	-	-	-	-	7,344
Swat	43,634	-	905	2,758	-	-	3,027	-	-	-	-	-	50,324
Dir	9,228	-	68	1,908	-	-	-	-	-	-	-	-	11,204
Buner	1,528	-	104	158	-	-	-	-	-	-	852	3	2,645
Chitral	-	-	144	-	-	-	-	-	-	-	-	-	144
Dera Ismail Khan	28,695	40	1,890	8,553	-	-	79	7	40	-	618	1	39,923
Tank	235	-	-	166	-	-	-	-	-	-	-	-	401
Bannu	4,835	-	151	1,162	-	-	-	-	-	-	65	46	6,259
Lakki Marwat	3,887	-	-	967	-	-	-	-	-	-	-	-	4,854
Mohmand	428	-	198	80	-	-	-	-	-	-	-	-	706
Khyber	625	-	35	38	-	-	-	-	-	-	-	-	698
Kurram	720	-	-	45	-	-	-	-	-	-	-	-	765
Orakzai	-	-	-	-	-	-	-	-	-	-	-	-	-
Bajour	2,938	-	-	574	-	-	-	-	-	-	-	-	3,512
North Waziristan	-	-	5	53	-	-	-	-	-	-	-	-	58
New distributors	-	-	1,012	29,889	-	-	163	68	270	668	107	-	32,177
KP	251,122	128	19,195	69,581	-	-	12,068	85	310	668	5,191	55	358,403

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2015-16

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Harnai	510	-	530	580	-	-	-	-	-	-	-	-	1,620
Awaran	465	-	-	30	-	-	-	-	-	-	-	-	495
Chaman	-	-	-	-	-	-	-	-	-	-	-	-	-
Kech (Turbat)	-	-	-	-	-	-	-	-	-	-	-	-	-
Quetta	6,052	-	4,058	3,117	-	-	-	33	1	-	392	-	13,653
Pishin	8,373	-	1,574	1,383	-	-	13	31	68	-	1,200	6	12,648
Chaghi	1,497	-	627	1,470	-	-	8	-	-	-	-	-	3,602
Mastung	400	-	-	53	-	-	-	-	-	-	-	-	453
Loralai	3,522	-	-	1,310	-	-	-	-	-	-	15	-	4,847
Zhob	247	-	-	60	-	-	-	-	-	-	2	-	309
Qila Saifullah	433	-	-	35	-	-	-	1	8	-	20	1	498
Qila Abdullah	150	-	10	-	-	-	-	-	-	-	45	-	205
Sibi	2,399	-	60	840	-	-	-	-	-	-	-	-	3,299
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Bugti	-	-	-	-	-	-	-	-	-	-	-	-	-
Ziarat	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	5,291	-	190	2,821	-	-	-	-	-	-	-	-	8,302
Kachhi (Bolan)	451	-	-	303	-	-	-	-	-	-	-	-	754
Kalat	2,336	-	58	601	-	-	-	-	1	-	111	-	3,107
Jafarabad	28,598	-	158	11,679	-	-	86	0	3	-	15	3	40,542
Jhal Magsi	2,383	-	-	693	-	-	-	2	-	-	-	-	3,078
Barkhan	169	-	-	31	-	-	-	-	-	-	-	-	200
Khuzdar	7,316	23	398	1,286	-	-	-	-	15	-	528	-	9,566
Kharan	844	-	5	91	-	-	-	-	2	-	-	-	942
Lasbela	14,882	2,208	3,441	614	-	-	15	-	-	-	1,288	5	22,453
Panjour	-	-	-	-	-	-	-	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Nushki	678	-	104	421	-	-	-	-	-	-	-	-	1,203
New distributors	-	-	656	15,812	-	-	15	31	287	553	-	-	17,354
Balochistan	86,996	2,231	11,874	43,230	-	-	137	98	384	553	3,616	15	149,134
Pakistan	4,557,972	381,755	605,033	1,823,019	-	-	111,988	7,820	7,650	10,415	68,921	1,359	7,575,932

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL

Table 3.8 District and Product-wise Fertilizer Offtake during 2016-17

Districts	UREA	CAN	NP	DAP	(tonnes)								TOTAL	
					MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC		
PUNJAB														
Attock	10,921	1,171	940	1,733	-	-	-	-	-	-	-	-	-	14,765
Bahawalpur	225,376	40,199	30,076	93,802	-	-	353	198	294	-	1,526	6	391,831	
Bhakkar	39,995	7,323	2,491	20,000	-	-	10	-	19	-	1,034	15	70,886	
Bahawalnagar	176,829	24,159	25,575	60,214	-	-	251	329	185	-	688	45	288,273	
Chakwal	2,215	10	20	865	-	-	-	-	-	-	-	-	3,110	
Chiniot	65,797	5,225	4,329	30,759	-	-	21	303	205	-	1,754	11	108,404	
Dera Ghazi Khan	170,540	32,627	11,521	45,520	-	-	60	72	4	-	174	3	260,521	
Faisalabad	133,005	9,593	13,965	45,482	-	-	1,871	394	94	-	1,043	7	205,454	
Gujranwala	195,036	6,516	12,821	49,760	-	-	4,957	50	44	-	972	85	270,239	
Gujrat	28,790	43	499	5,959	-	-	20	11	50	-	260	2	35,634	
Hafizabad	77,081	711	2,135	24,009	-	-	2,621	73	176	-	227	24	107,056	
Jhang	126,372	10,008	26,007	49,456	-	-	2,604	276	161	-	546	22	215,451	
Jhelum	2,850	-	-	847	-	-	-	2	-	-	-	-	3,699	
Kasur	169,932	8,036	5,072	48,045	-	-	31	227	85	-	228	2	231,658	
Khanewal	141,746	13,289	36,321	57,684	-	-	113	186	203	-	650	5	250,197	
Khushab	14,422	38	646	5,439	-	-	-	34	8	-	191	11	20,789	
Lahore	64,618	2,178	4,191	17,207	-	-	98	32	49	-	1,026	10	89,409	
Layyah	102,192	25,507	12,414	31,393	-	-	15	20	149	-	1,110	8	172,808	
Lodran	160,316	18,336	26,113	53,195	-	-	2,344	82	132	-	535	6	261,058	
Mandibahauddin	132,012	1,865	5,659	23,690	-	-	7,553	63	31	-	1,391	13	172,277	
Muzaffar Garh	138,989	44,598	12,150	48,108	-	-	15	368	84	-	420	22	244,754	
Mianwali	26,017	15	3,339	9,896	-	-	15	-	28	-	1,516	-	40,826	
Multan	215,557	145,735	92,473	67,970	-	-	2,753	285	284	-	2,310	11	527,377	
Nankana	32,075	3,431	3,549	12,640	-	-	135	26	18	-	207	8	52,090	
Narowal	281,827	1,374	6,225	34,773	-	-	8,288	65	145	-	10	1	332,707	
Okara	139,280	17,901	8,778	60,526	-	-	6,287	178	739	-	3,261	41	236,991	
Pakpattan	127,952	6,413	16,362	43,116	-	-	1,955	257	119	-	1,820	37	198,030	
Rahim Yar Khan	309,977	50,539	36,227	102,604	-	-	369	472	669	-	2,749	56	503,663	
Rajanpur	146,306	15,142	3,764	36,652	-	-	321	114	14	-	390	10	202,712	
Rawalpindi	32,069	23,207	4,875	4,826	-	-	1,417	6	-	-	10	-	66,410	
Sahiwal	190,857	10,286	28,205	48,781	-	-	-	244	184	-	859	11	279,427	
Sargodha	67,221	8,036	23,633	22,512	-	-	1,991	471	89	-	1,037	28	125,019	
Sheikhupura	161,464	1,725	3,980	40,373	-	-	27	176	130	-	140	2	208,016	
Sialkot	36,294	561	2,147	7,871	-	-	2	33	82	-	347	9	47,345	
Toba Tek Singh	80,819	12,306	20,225	29,643	-	-	65	497	37	-	1,944	28	145,563	
Vehari	205,779	34,056	47,132	81,930	-	-	8,875	271	148	-	1,952	31	380,174	
New distributors	-	-	-	405,577	-	-	7,165	14,919	19,544	14,880	4,446	-	466,531	
Punjab	4,232,527	582,155	533,859	1,722,856	-	-	62,601	20,732	24,202	14,880	36,773	570	7,231,155	

Continued.....

Source:

Respective Marketing Agencies

Note:

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Table 3.8 District and Product-wise Fertilizer Offtake during 2016-17

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Badin	95,426	4,841	4,698	49,711	-	-	400	29	87	-	2,177	26	157,394
Dadu	57,665	778	1,607	14,019	-	-	237	30	19	-	375	92	74,820
Ghotki	109,395	6,936	7,382	34,879	-	-	134	99	13	-	352	26	159,216
Hyderabad	52,116	23,826	22,497	9,870	-	-	426	75	8	-	1,007	1	109,826
Jacobabad	29,364	1,525	3,506	8,103	-	-	259	6	-	-	93	38	42,891
Jamshoro	14,589	50	149	2,391	-	-	13	-	5	-	5	2	17,204
Karachi	54,410	373	1,318	16,490	-	-	20	-	-	-	152	-	72,764
Kashmore	84,169	88	839	15,216	-	-	195	23	-	-	240	14	100,784
Khairpur	91,376	2,274	2,025	19,259	-	-	28	48	8	-	97	3	115,117
Larkana	45,917	87	396	8,171	-	-	168	6	5	-	115	140	55,003
Malir	745	-	3	311	-	-	-	6	-	-	63	-	1,128
Mirpurkhas	134,013	42,225	51,791	25,098	-	-	1,548	289	1	-	2,975	11	257,951
Matiali	70,916	9,009	8,613	34,312	-	-	44	170	-	-	2,014	12	125,090
Noshero Feroz	157,652	12,641	17,382	47,554	-	-	1,048	178	40	-	1,456	15	237,965
Shaheed Benazir Abad	148,865	21,481	7,783	34,914	-	-	368	235	461	-	2,425	22	216,554
Sanghar	163,338	28,579	23,990	29,535	-	-	695	329	113	-	2,886	27	249,492
Qambar Shahdad Kot	57,560	25	181	5,824	-	-	72	4	-	-	70	228	63,963
Shikarpur	39,591	337	118	5,934	-	-	16	6	26	-	37	15	46,079
Sukkur	103,218	3,538	2,449	22,612	-	-	156	37	26	-	93	8	132,137
Tando Allah Yar	43,359	-	2,982	9,300	-	-	346	300	43	-	3,782	17	60,128
Tharparkar	-	-	-	-	-	-	-	-	-	-	-	-	-
Thatta	41,096	5,988	4,262	5,163	-	-	13	256	9	-	1,098	5	57,890
Tando Muhammad Khan	36,758	-	186	8,158	-	-	26	13	22	-	271	6	45,440
Umerkot	14,163	572	2,195	2,919	-	-	30	13	30	-	34	-	19,955
New distributors	-	-	-	52,335	-	-	-	1,249	829	2,142	783	-	57,338
Sindh	1,645,698	165,171	166,350	462,077	-	-	6,241	3,396	1,744	2,142	22,600	708	2,476,128

Continued....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2016-17

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
	KP												
Abbotabad	2,404	36	60	838	-	-	750	-	-	-	-	-	4,088
Bajaur agency	4,518	-	-	2,056	-	-	-	-	-	-	-	-	6,574
Bannu	6,118	-	76	2,148	-	-	-	-	-	-	2	15	8,359
Battagram	392	-	-	4	-	-	-	-	-	-	-	-	396
Buner	1,518	-	145	103	-	-	-	3	10	-	1,007	2	2,788
Charsadda	40,287	-	1,627	5,772	-	-	5	7	10	-	101	-	47,808
Chitral	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Ismail Khan	34,137	-	2,017	12,909	-	-	21	154	119	-	800	-	50,157
Dir	12,728	-	580	2,708	-	-	-	-	-	-	-	-	16,015
Hangu	35	-	-	25	-	-	-	-	-	-	-	-	60
Haripur	2,452	34	698	1,230	-	-	992	-	-	-	-	-	5,406
Karak	30	-	-	30	-	-	-	-	-	-	-	-	60
Khyber agency	1,303	-	299	3	-	-	-	-	-	-	-	-	1,605
Kohat	4,977	-	163	1,538	-	-	-	-	-	-	-	-	6,678
Kohistan	63	-	-	2	-	-	-	-	-	-	-	-	65
Kurram agency	593	-	-	-	-	-	-	-	-	-	-	-	593
Lakki Marwat	4,744	-	-	1,648	-	-	-	-	-	-	-	-	6,392
Malakand	4,577	-	672	1,275	-	-	-	2	-	-	-	-	6,525
Mansehra	15,139	-	1,504	2,366	-	-	15	2	1	-	882	-	19,909
Mardan	53,756	-	3,329	10,258	-	-	4,417	204	116	-	2,186	-	74,265
Mohmand agency	827	-	65	165	-	-	-	-	-	-	-	-	1,057
North Waziristan	-	-	-	-	-	-	-	-	-	-	-	-	-
Nowshera	6,033	-	378	789	-	-	-	0	-	-	-	-	7,200
Orakzai agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	29,696	-	1,970	8,817	-	-	99	2	-	-	-	-	40,584
Shangla	16,142	-	10,800	1,587	-	-	-	-	-	-	-	-	28,529
Swabi	17,732	-	331	1,441	-	-	-	-	10	-	1,554	2	21,070
Swat	62,409	-	9,442	8,419	-	-	8,359	5	-	-	-	-	88,634
Tank	511	-	-	362	-	-	-	-	-	-	-	-	873
New distributors	-	-	-	17,490	-	-	-	575	923	910	98	-	19,996
KP	323,121	70	34,154	83,982	-	-	14,658	953	1,189	910	6,630	19	465,686

Continued....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2016-17

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	1,638	-	-	120	-	-	-	-	-	-	-	-	1,758
Barkhan	483	-	-	72	-	-	-	-	-	-	-	-	555
Kachhi (Bolan)	1,135	-	-	225	-	-	-	-	-	-	-	-	1,360
Chaghi	988	-	-	317	-	-	-	-	-	-	3	-	1,308
Dera Bugti	-	-	-	-	-	-	-	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Harnai	1,790	-	48	18	-	-	-	-	-	-	-	-	1,856
Jafarabad	53,471	-	674	15,354	-	-	71	2	4	-	204	-	69,780
Jhal Magsi	8,947	-	-	2,087	-	-	-	-	-	-	-	-	11,034
Kalat	4,933	-	1,636	688	-	-	-	-	8	-	143	-	7,408
Kech (Turbat)	-	-	-	-	-	-	-	-	-	-	-	-	-
Kharan	2,799	-	60	194	-	-	-	-	-	-	-	-	3,053
Khuzdar	30,607	-	288	2,430	-	-	-	-	1	-	611	-	33,937
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	27,139	2,193	4,846	1,672	-	-	271	-	-	-	1,197	7	37,325
Loralai	3,940	-	273	1,273	-	-	5	2	-	-	10	-	5,503
Mastung	313	-	-	3	-	-	-	-	-	-	-	-	316
Nasirabad	9,703	-	403	3,869	-	-	-	-	-	-	104	-	14,079
Nushki	567	-	13	33	-	-	-	-	-	-	-	-	613
Panjkur	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	7,727	-	5,559	685	-	-	29	64	169	-	1,742	10	15,984
Qila Saifullah	1,778	-	850	127	-	-	15	6	9	-	-	-	2,785
Qila Abdullah	-	-	160	-	-	-	-	-	-	-	-	-	160
Quetta	8,014	-	8,724	640	-	-	36	3	62	-	320	1	17,799
Sibi	4,376	-	255	1,900	-	-	-	-	5	-	-	-	6,536
Zhob	210	-	-	56	-	-	-	-	-	-	-	-	266
Ziarat	-	-	-	1	-	-	-	-	-	-	-	-	1
New distributors	-	-	-	27,889	-	-	29	303	370	561	-	-	29,152
Balochistan	170,558	2,193	23,788	59,653	-	-	456	379	628	561	4,334	18	262,567
Pakistan	6,371,904	749,590	758,691	2,328,589	-	-	83,957	25,460	27,762	18,493	70,337	1,315	10,436,097

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake During 2017-18

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Attock	10,319	1,614	810	3,281	-	-	10	-	-	-	-	-	16,034
Bahawalpur	231,590	34,987	19,767	92,012	-	-	257	475	436	-	1,115	19	380,658
Bhakkar	40,605	7,092	3,570	13,338	-	-	-	18	71	-	340	-	65,035
Bahawalnagar	162,367	30,178	12,684	66,165	-	-	107	471	302	-	498	53	272,824
Chakwal	3,078	20	60	1,909	-	-	-	-	-	-	-	-	5,067
Chiniot	71,721	5,198	4,415	29,532	-	-	16	363	321	-	734	41	112,342
Dera Ghazi Khan	161,837	12,171	10,894	60,101	-	-	103	66	96	-	90	9	245,366
Faisalabad	129,153	8,667	11,232	50,970	-	-	468	317	66	-	410	19	201,301
Gujranwala	168,888	7,869	12,040	63,149	-	-	1,819	166	264	-	623	56	254,873
Gujrat	22,735	323	1,930	6,573	-	-	11	136	71	-	280	26	32,085
Hafizabad	83,687	589	1,213	33,865	-	-	2,092	150	250	-	586	43	122,473
Jhang	129,354	9,324	19,591	49,900	-	-	2,642	352	138	-	644	44	211,988
Jhelum	1,270	2,862	-	399	-	-	-	3	44	-	160	-	4,737
Kasur	125,946	10,641	8,960	47,026	-	-	24	384	239	-	341	14	193,575
Khanewal	175,144	21,624	24,165	72,932	-	-	51	764	300	-	947	41	295,967
Khushab	11,717	137	1,075	4,194	-	-	-	37	3	-	5	-	17,167
Lahore	52,987	4,649	4,117	18,699	-	-	289	126	173	-	669	29	81,738
Layyah	106,216	28,610	7,318	32,175	-	-	234	71	331	-	406	4	175,366
Lodran	156,727	19,986	16,323	55,314	-	-	5,472	201	169	-	341	2	254,534
Mandibahauddin	95,797	1,499	6,316	28,292	-	-	13,526	108	294	-	1,150	48	147,030
Muzaffar Garh	150,784	53,945	15,949	56,048	-	-	41	712	88	-	520	21	278,109
Mianwali	26,083	5,182	687	8,457	-	-	5	49	50	-	269	-	40,782
Multan	189,594	114,123	65,608	86,146	-	-	1,382	638	237	-	2,041	59	459,828
Nankana	49,696	2,843	3,285	15,419	-	-	2	51	8	-	21	4	71,329
Narowal	83,553	981	1,738	22,976	-	-	10,182	76	88	-	67	5	119,666
Okara	197,957	12,596	8,273	58,284	-	-	4,038	1,103	1,240	-	1,725	36	285,251
Pakpattan	140,004	7,848	12,380	46,145	-	-	1,881	803	364	-	1,596	38	211,060
Rahim Yar Khan	331,186	37,682	20,586	113,727	-	-	599	917	1,283	-	4,559	106	510,645
Rajanpur	130,647	13,508	7,734	39,274	-	-	206	172	90	-	116	2	191,747
Rawalpindi	20,488	15,584	2,208	6,002	-	-	21	-	-	-	7	-	44,310
Sahiwal	143,690	5,872	13,925	60,539	-	-	10	595	323	-	1,085	25	226,064
Sargodha	72,743	8,661	19,040	23,238	-	-	1,046	696	104	-	2,992	103	128,624
Sheikhupura	120,335	1,708	2,940	50,204	-	-	15	105	83	-	80	29	175,498
Sialkot	37,956	317	1,475	15,079	-	-	75	211	249	-	252	13	55,627
Toba Tek Singh	88,619	8,796	11,471	35,553	-	-	145	383	329	-	1,377	42	146,715
Vehari	183,942	43,076	35,117	89,039	-	-	8,795	948	583	-	845	59	362,403
New distributors	-	-	-	323,070	-	-	22,411	20,934	18,192	14,718	-	-	399,325
Punjab	3,908,414	540,761	388,896	1,779,026	-	-	77,973	32,596	26,877	14,718	26,891	990	6,797,142

Continued.....

Source: Respective Marketing Agencies

- Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available
 2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2017-18

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Badin	94,092	4,631	6,476	57,975	-	-	166	356	14	-	1,105	96	164,910
Dadu	64,695	150	1,837	25,174	-	-	157	-	3	-	34	180	92,230
Ghotki	123,727	6,986	7,953	38,881	-	-	97	191	8	-	72	2	177,917
Hyderabad	52,118	16,824	17,923	13,583	-	-	148	142	17	-	714	5	101,474
Jacobabad	34,398	2,073	2,903	10,749	-	-	343	129	30	-	207	178	51,010
Jamshoro	16,553	38	180	5,210	-	-	-	-	-	-	143	-	22,123
Karachi	58,549	45	4,439	15,146	-	-	-	145	-	-	189	-	78,512
Kashmore	62,472	142	659	24,824	-	-	245	-	0	-	23	52	88,417
Khairpur	69,505	1,049	1,792	23,334	-	-	71	77	-	-	130	2	95,959
Larkana	52,388	132	1,141	13,443	-	-	50	4	-	-	303	144	67,605
Malir	841	-	-	39	-	-	-	2	-	-	116	-	998
Mirpurkhas	110,094	22,502	39,592	23,342	-	-	1,613	698	124	-	1,881	35	199,881
Matiali	54,578	6,294	7,669	22,332	-	-	316	399	12	-	1,958	22	93,579
Noshero Feroz	187,124	20,463	20,039	57,303	-	-	608	504	95	-	1,329	43	287,508
Shaheed Benazir Abad	116,827	17,633	6,523	30,078	-	-	476	350	343	-	2,238	30	174,498
Sanghar	164,769	18,883	17,246	46,493	-	-	539	634	197	-	2,675	56	251,492
Qambar Shahdad Kot	55,558	65	330	13,052	-	-	164	12	12	-	480	186	69,857
Shikarpur	21,842	43	744	5,429	-	-	86	4	30	-	64	49	28,290
Sukkur	70,599	3,344	2,929	17,752	-	-	29	24	18	-	28	1	94,724
Tando Allah Yar	28,557	-	3,495	8,531	-	-	659	376	62	-	4,073	51	45,804
Tharparkar	-	-	-	-	-	-	-	-	-	-	-	-	-
Thatta	23,453	6,969	3,187	4,982	-	-	319	179	20	-	661	12	39,781
Tando Muhammad Khan	31,927	-	1,011	6,403	-	-	80	91	4	-	283	5	39,804
Umerkot	9,542	1,052	2,155	2,090	-	-	5	83	-	-	-	-	14,925
New distributors	-	-	-	29,120	-	-	-	1,942	2,041	2,991	-	-	36,094
Sindh	1,504,205	129,316	150,221	495,263	-	-	6,171	6,341	3,030	2,991	18,706	1,149	2,317,392

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2017-18

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
KP													
Abbotabad	1,406	-	-	432	-	-	10	-	-	-	-	-	1,848
Bajaur agency	5,014	-	-	3,193	-	-	-	5	-	-	-	-	8,212
Bannu	6,150	-	5	2,173	-	-	-	-	-	-	-	22	8,350
Battagram	129	-	-	3	-	-	-	-	-	-	-	-	132
Buner	1,829	-	63	398	-	-	55	57	70	-	601	7	3,080
Charsadda	15,372	-	1,459	3,760	-	-	64	2	10	-	90	-	20,757
Chitral	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Ismail Khan	27,123	-	1,467	11,775	-	-	-	57	154	-	257	-	40,833
Dir	8,175	-	133	2,506	-	-	-	-	-	-	-	-	10,814
F.R.Peshawar	-	-	-	515	-	-	-	-	-	-	-	-	515
Hangu	16	-	-	15	-	-	-	-	-	-	-	-	31
Haripur	1,592	-	-	935	-	-	562	-	-	-	-	-	3,089
Karak	30	-	-	45	-	-	-	-	-	-	-	-	75
Khyber agency	558	-	180	-	-	-	-	-	-	-	-	-	738
Kohat	4,475	-	3	1,652	-	-	-	-	-	-	-	-	6,130
Kurram agency	1,045	-	-	95	-	-	-	-	-	-	-	-	1,140
Lakki Marwat	4,070	-	-	1,339	-	-	-	-	-	-	-	-	5,409
Malakand	5,981	-	1,682	2,854	-	-	-	3	3	-	121	-	10,643
Mansehra	14,193	-	325	4,027	-	-	-	13	22	-	623	1	19,204
Mardan	43,511	106	821	14,604	-	-	2,873	87	24	-	4,510	20	66,556
Mohmand agency	565	-	-	222	-	-	-	-	-	-	-	-	787
North Waziristan	-	-	-	-	-	-	-	-	-	-	-	-	-
Nowshera	4,920	-	95	1,844	-	-	-	-	-	-	-	-	6,859
Orakzai agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	35,600	150	683	10,625	-	-	45	56	-	-	65	-	47,223
Shangla	2,463	-	7,220	274	-	-	-	-	-	-	-	-	9,957
Swabi	16,903	-	184	1,406	-	-	180	79	634	-	1,651	8	21,044
Swat	25,470	-	2,358	12,117	-	-	7,566	7	-	-	-	-	47,518
Tank	515	-	-	344	-	-	-	-	-	-	-	-	859
New distributors	-	-	-	8,512	-	-	83	539	511	716	-	-	10,361
KP	227,103	256	16,678	85,666	-	-	11,439	904	1,427	716	7,918	58	352,163

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2017-18

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	7,402	-	150	195	-	-	-	-	-	-	-	-	7,747
Barkhan	428	-	-	102	-	-	-	-	-	-	-	-	530
Kachhi (Bolan)	636	-	-	429	-	-	-	-	-	-	-	-	1,065
Chaghi	977	-	-	182	-	-	-	-	2	-	-	-	1,161
Dera Bugti	-	-	-	-	-	-	-	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Harnai	773	-	-	89	-	-	-	-	3	-	-	-	865
Jafarabad	44,739	15	130	34,170	-	-	-	-	34	-	-	-	79,088
Jhal Magsi	12,613	-	-	4,661	-	-	-	50	-	-	-	-	17,324
Kalat	2,754	-	265	630	-	-	-	3	2	-	240	-	3,894
Kech (Turbat)	167	-	-	-	-	-	-	-	-	-	100	-	267
Kharan	9,621	-	-	1,127	-	-	-	15	-	-	-	-	10,763
Khuzdar	21,501	-	1,348	2,508	-	-	15	-	120	-	508	5	26,005
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	39,914	-	284	3,858	-	-	53	260	18	-	699	46	45,132
Loralai	2,105	-	25	669	-	-	5	-	3	-	51	-	2,858
Mastung	225	-	-	25	-	-	-	-	-	-	-	-	250
Nasirabad	13,850	15	141	7,261	-	-	-	103	-	-	71	186	21,627
Nushki	315	-	32	10	-	-	-	-	-	-	-	-	357
Panjkur	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	8,156	-	4,235	2,624	-	-	72	203	190	-	1,647	8	17,135
Qila Saifullah	1,420	-	660	93	-	-	-	9	6	-	50	-	2,238
Qila Abdullah	930	-	-	-	-	-	-	-	-	-	99	-	1,029
Quetta	9,645	-	8,241	1,997	-	-	121	63	64	-	868	21	21,020
Sibi	6,785	-	215	2,875	-	-	-	-	-	-	-	-	9,875
Zhob	210	-	-	25	-	-	-	-	-	-	-	-	235
Ziarat	-	-	-	16,390	-	-	-	194	429	446	-	-	17,459
New distributors	-	-	-	-	-	-	-	-	-	-	-	-	-
Balochistan	185,165	30	15,725	79,920	-	-	266	900	869	446	4,333	266	287,921
Pakistan Total	5,825,114	670,363	572,062	2,439,880	-	-	95,848	40,742	32,202	18,871	57,848	2,463	9,755,392

Continued.....

Source:

Respective Marketing Agencies

Note:

1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2018-19

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Attock	10,059	7,793	2,011	3,398	-	-	5	-	29	-	59	-	23,353
Bahawalpur	245,323	24,080	17,030	96,754	1,135	-	478	871	849	1,067	1,126	22	388,734
Bhakkar	37,796	7,822	2,485	15,600	20	-	-	74	73	-	1,058	-	64,928
Bahawalnagar	196,747	23,635	12,973	61,363	357	-	295	1,191	403	754	931	21	298,670
Chakwal	2,247	1,203	180	1,491	-	-	10	-	-	-	-	-	5,131
Chiniot	66,095	1,474	3,400	24,313	79	-	249	832	940	337	1,422	11	99,152
Dera Ghazi Khan	131,554	14,451	6,631	48,475	375	-	142	152	47	120	129	11	202,086
Faisalabad	123,158	5,298	5,947	39,689	425	-	687	700	901	448	1,719	5	178,976
Gujranwala	200,712	15,377	7,909	70,354	350	-	2,597	854	1,108	527	498	28	300,314
Gujrat	14,676	782	720	7,255	-	-	17	35	29	683	135	-	24,332
Hafizabad	90,273	963	2,866	27,597	270	-	2,281	297	385	196	910	71	126,108
Jhang	134,249	5,175	12,031	40,967	481	-	365	760	231	191	643	-	195,093
Jhelum	767	925	-	721	-	-	-	6	-	-	-	-	2,419
Kasur	114,830	8,397	5,439	42,604	120	-	506	1,051	556	445	430	10	174,388
Khanewal	164,866	14,615	15,884	72,078	531	-	703	1,567	630	677	1,954	67	273,573
Khushab	7,480	53	475	2,904	8	-	-	37	13	8	21	-	10,999
Lahore	59,353	2,379	2,892	24,625	276	-	120	406	301	312	1,141	37	91,842
Layyah	94,003	11,670	5,305	28,862	565	-	267	558	860	287	1,204	5	143,587
Lodran	201,276	21,238	13,075	52,063	317	-	7,719	633	217	429	952	11	297,930
Mandi Bahauddin	107,462	3,096	4,014	26,466	250	-	13,256	299	228	81	1,347	1	156,499
Muzaffar Garh	157,302	38,096	9,706	53,176	794	-	194	925	408	385	770	33	261,790
Mianwali	22,220	1,231	1,592	8,687	-	-	30	60	196	176	480	3	34,675
Multan	195,443	91,455	48,596	86,985	353	-	2,003	1,562	728	766	2,749	52	430,692
Nankana	48,763	2,428	2,043	15,376	320	-	50	143	59	94	57	-	69,334
Narowal	127,093	1,180	2,979	22,169	11	-	19,034	345	146	105	844	12	173,917
Okara	185,536	14,717	10,415	56,187	634	-	3,726	1,800	1,417	1,131	2,086	25	277,673
Pakpattan	114,361	17,696	10,080	51,968	422	-	318	458	487	432	2,010	41	198,272
Rahim Yar Khan	339,705	19,531	16,708	128,264	1,068	-	1,289	2,288	923	1,193	3,010	138	514,117
Rajapur	118,897	9,766	5,024	35,616	632	-	526	281	149	280	249	1	171,421
Rawalpindi	30,760	3,153	1,220	6,334	-	-	946	-	44	5	-	-	42,462
Sahiwal	135,152	14,482	8,471	52,493	106	-	3	653	434	59	1,048	-	212,900
Sargodha	62,667	6,202	10,360	20,860	397	-	788	631	128	412	2,798	18	105,260
Sheikhupura	108,992	4,409	3,584	44,046	319	-	69	1,198	164	85	67	10	162,944
Sialkot	40,971	533	1,171	15,598	61	-	333	145	485	298	755	32	60,380
Toba Tek Singh	90,995	7,819	8,151	34,524	356	-	193	931	295	191	1,885	12	145,351
Vehari	239,099	34,314	16,559	84,239	724	-	3,792	1,485	1,372	727	1,491	57	383,858
New distributors	-	-	5,502	158,859	-	-	20,940	10,741	10,792	29,142	-	-	235,976
Punjab	4,020,883	437,437	283,424	1,562,961	11,756	-	83,930	33,968	26,024	42,043	35,978	734	6,539,138

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake have been shown for new distributors, because district-wise data is not available.

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2018-19

Districts	(tonnes)												TOTAL
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	
SINDH													
Badin	95,777	2,879	6,060	40,381	204	-	836	376	36	360	2,038	27	148,974
Dadu	61,304	1,260	1,567	17,811	135	-	126	4	2	3	59	161	82,431
Ghotki	132,809	3,930	6,138	49,302	664	-	430	342	193	453	335	9	194,605
Hyderabad	52,827	13,545	17,045	18,403	45	-	398	253	3	150	822	12	103,503
Jacobabad	31,385	2,068	641	11,266	80	-	828	140	-	196	363	147	47,113
Jamshoro	14,780	-	553	4,343	51	-	-	5	-	-	2	-	19,734
Karachi	40,910	874	1,747	23,102	360	-	-	142	120	-	249	-	67,504
Kashmore	73,845	555	1,145	21,979	210	-	1,304	45	30	373	49	22	99,557
Khairpur	61,857	2,603	1,695	16,063	415	-	126	145	96	36	472	1	83,509
Larkana	42,546	14	291	17,678	207	-	39	31	-	32	79	63	60,979
Malir	778	-	-	3	4	-	-	-	-	-	11	-	796
Mirpurkhas	119,413	19,720	42,899	25,160	322	-	1,916	764	27	1,012	3,008	47	214,287
Matiali	55,542	5,510	7,033	17,609	137	-	531	459	23	264	2,055	28	89,189
Noshero Feroz	158,984	21,003	9,698	68,418	1,495	-	1,110	418	107	416	2,911	41	264,601
Shaheed Benazir Abad	133,914	10,084	5,699	32,489	225	-	1,038	892	138	488	1,885	28	186,880
Sanghar	189,005	9,872	15,407	34,992	352	-	916	640	266	632	2,776	44	254,902
Qambar Shahdad Kot	41,487	523	330	14,544	146	-	504	115	16	110	465	291	58,531
Shikarpur	23,916	603	441	6,053	35	-	1,173	35	-	270	114	8	32,647
Sujawal	2,828	-	-	305	-	-	-	-	-	-	-	-	3,133
Sukkur	79,874	3,216	2,570	22,507	80	-	64	175	64	149	40	18	108,757
Tando Allah Yar	42,151	-	1,499	13,390	308	-	897	912	1	818	4,024	27	64,026
Tharparkar	-	-	-	-	-	-	-	-	-	-	-	-	-
Thatta	22,883	3,579	3,032	4,544	86	-	125	252	7	390	1,143	14	36,055
Tando Muhammad Khan	32,744	-	32	4,398	10	-	172	35	2	40	193	2	37,628
Umerkot	8,613	829	2,144	1,434	25	-	217	98	12	114	272	-	13,757
New distributors	-	-	5,579	23,889	-	-	123	633	1,119	2,801	-	-	34,144
Sindh	1,520,171	102,665	133,243	490,062	5,596	-	12,873	6,910	2,260	9,107	23,365	990	2,307,242

Continued.....

Source: Respective Marketing Agencies.

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available.

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2018-19

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	3,723	-	-	74	-	-	-	-	-	-	-	-	3,797
Barkhan	510	-	-	119	-	-	-	-	3	-	-	-	632
Kachhi (Bolan)	597	-	-	248	-	-	-	-	-	-	-	-	845
Chaghi	1,716	-	-	304	-	-	-	10	-	-	-	-	2,030
Dera Bugti	-	-	-	-	-	-	-	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Harnai	1,306	-	30	218	-	-	-	-	12	-	-	-	1,566
Jafarabad	37,011	30	567	11,001	77	-	131	22	-	-	188	-	49,026
Jhal Magsi	9,411	-	-	2,878	-	-	-	38	19	-	-	-	12,346
Kalat	1,457	-	109	289	-	-	-	8	-	10	320	-	2,193
Kech (Turbat)	-	-	-	-	-	-	-	-	-	-	-	-	-
Kharan	9,703	-	210	3,100	-	-	-	28	30	-	-	-	13,071
Khuzdar	30,673	-	1,016	4,360	-	-	20	24	143	20	1,038	-	37,293
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	40,990	125	2,355	7,242	-	-	30	184	25	36	984	62	52,033
Loralai	494	-	10	151	-	-	10	1	-	23	29	-	718
Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	13,723	-	2,173	4,497	-	-	15	3	-	-	9	-	20,420
Nushki	312	-	-	29	-	-	-	-	-	-	-	-	341
Panjkur	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	8,436	-	4,000	1,332	-	-	243	194	359	255	2,141	7	16,966
Qila Saifullah	1,395	-	330	113	-	-	-	-	-	5	18	-	1,861
Qila Abdullah	-	-	120	-	-	-	-	2	4	-	65	-	191
Quetta	8,642	-	5,938	2,216	-	-	128	35	35	54	250	17	17,316
Sibi	7,500	-	103	1,306	-	-	-	19	1	-	-	-	8,928
Zhob	2,005	-	-	290	-	-	-	-	-	-	-	-	2,295
Ziarat	-	-	-	-	-	-	-	-	-	-	-	-	-
New distributors	-	-	-	32,277	-	-	-	71	419	740	-	-	33,507
Balochistan	179,603	155	16,961	72,044	77	-	577	637	1,050	1,143	5,042	86	277,375
Pakistan	5,970,468	540,798	449,778	2,200,248	17,437	-	102,004	42,581	31,258	55,066	74,543	1,826	9,486,008

Continued.....

Source: Respective Marketing Agencies.

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available.

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2019-20

(tonnes)

Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Attock	14,693	17,997	3,312	4,770	-	-	765	43	7	24	27	-	41,637
Bahawalpur	218,162	20,121	19,586	83,218	1,158	-	51	1,213	472	1,152	1,848	25	347,006
Bhakkar	38,903	3,759	3,705	14,555	6	-	-	149	143	47	1,200	-	62,466
Bahawalnagar	188,131	16,632	12,903	54,595	947	-	171	958	428	1,300	1,403	98	277,566
Chakwal	2,857	10	370	1,837	-	-	-	2	-	-	-	-	5,076
Chiniot	73,006	5,789	7,477	22,423	556	-	375	777	718	618	2,411	32	114,180
Dera Ghazi Khan	114,627	7,448	7,280	29,529	178	-	80	269	49	208	155	10	159,831
Faisalabad	145,104	9,043	11,430	36,722	1,112	-	389	897	447	889	1,066	14	207,112
Gujranwala	208,096	9,676	12,471	46,348	971	-	2,638	309	1,323	448	843	106	283,228
Gujrat	23,160	998	870	7,251	31	-	-	27	188	-	75	6	32,606
Hafizabad	91,903	1,007	2,615	23,265	212	-	1,331	358	240	438	660	50	122,078
Jhang	137,382	13,124	16,971	35,312	386	-	424	681	244	1,250	1,104	63	206,941
Jhelum	1,547	-	155	363	1	-	-	-	-	1	-	-	2,067
Kasur	130,131	8,529	8,010	36,116	352	-	210	547	349	327	137	20	184,727
Khanewal	134,853	19,948	21,097	44,104	311	-	598	957	407	526	1,033	31	223,864
Khushab	9,530	115	894	2,700	26	-	-	86	26	86	130	-	13,592
Lahore	73,929	1,399	4,382	17,984	280	-	78	357	438	240	801	41	99,929
Layyah	88,008	14,442	6,433	20,069	240	-	31	195	299	123	1,275	9	131,125
Lodran	195,366	10,577	14,842	41,841	282	-	6,317	643	245	781	894	9	271,796
Mandi Bahauddin	91,389	3,769	8,159	23,148	466	-	9,283	228	217	403	1,157	20	138,239
Muzaffar Garh	150,617	25,024	11,306	50,467	290	-	26	924	154	700	1,087	28	240,622
Mianwali	29,604	1,505	3,214	8,412	-	-	-	38	104	90	241	-	43,208
Multan	190,643	81,925	55,415	64,632	887	-	2,679	812	378	1,015	2,307	53	400,746
Nankana	67,627	2,318	3,035	15,406	331	-	10	182	43	251	169	12	89,383
Narowal	131,836	1,929	2,657	16,748	26	-	18,298	158	280	29	166	11	172,138
Okara	202,189	8,668	14,555	47,086	1,008	-	2,567	1,357	1,570	748	1,855	60	281,663
Pakpattan	102,979	4,805	11,769	30,227	1,183	-	165	819	602	334	1,595	36	154,513
Rahim Yar Khan	359,137	22,784	19,666	112,275	988	-	79	1,934	833	2,090	3,913	112	523,810
Rajanpur	114,682	9,535	5,284	27,333	339	-	311	25	25	173	86	2	157,796
Rawalpindi	27,092	9,338	3,958	7,075	-	-	73	43	9	2	92	-	47,682
Sahiwal	128,356	6,959	11,460	43,582	550	-	18	1,098	273	152	313	-	192,761
Sargodha	64,485	6,881	18,962	18,125	1,166	-	1,209	1,003	425	1,456	2,501	70	116,284
Sheikhupura	124,815	4,899	5,004	29,340	920	-	105	274	241	384	192	33	166,206
Sialkot	40,141	245	1,778	10,459	115	-	20	169	115	251	870	18	54,181
Toba Tek Singh	86,461	5,263	13,845	28,791	1,269	-	135	1,222	309	963	2,266	38	140,562
Vehari	190,082	30,800	25,081	70,644	632	-	2,890	1,372	603	1,196	1,826	60	325,187
New distributors	-	-	2,398	268,493	114	-	9,789	14,626	11,841	36,726	-	-	343,987
Punjab	3,991,521	387,263	372,346	1,395,240	17,333	-	61,115	34,750	24,038	55,421	35,698	1,067	6,375,792

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available.

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Table 3.8 District and Product-wise Fertilizer Offtake during 2019-20

													(tonnes)
Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Badin	97,369	3,229	4,619	15,760	366	-	123	351	29	775	2173	108	124,903
Dadu	57,254	634	564	13,004	34	-	117	15	69	48	191	234	72,163
Ghotki	131,674	2,584	6,663	35,026	422	-	3	30	66	475	561	19	177,523
Hyderabad	58,280	10,982	22,251	11,254	266	-	-	396	7	75	618	8	104,137
Jacobabad	45,863	1,636	1,023	8,628	308	-	366	68	30	94	412	158	58,586
Jamshoro	15,260	-	717	1,538	7	-	15	5	0	17	47	-	17,606
Karachi	51,329	63	2,345	28,048	727	-	-	47	10	567	216	-	83,352
Kashmore	46,373	530	109	11,214	47	-	323	30	0	26	3	51	58,707
Khairpur	59,221	2,359	1,352	16,665	26	-	-	39	22	43	342	4	80,073
Larkana	68,023	191	859	12,493	378	-	34	8	0	7	74	80	82,146
Malir	50	-	-	-	-	-	-	0	0	-	0	-	50
Mirpurkhas	120,995	25,010	57,586	21,732	1,951	-	293	807	15	1,017	3946	41	233,393
Matiali	45,675	8,178	7,270	20,937	262	-	112	425	16	320	2010	43	85,247
Noshero Feroz	163,998	23,206	10,165	62,872	841	-	31	280	11	376	1999	68	263,847
Shaheed Benazir Abad	109,554	11,245	6,694	30,187	663	-	22	685	65	454	1877	43	161,489
Sanghar	168,162	12,821	18,600	36,013	790	-	69	389	69	396	2655	12	239,976
Qambar Shahdad Kot	46,103	180	230	11,949	155	-	191	118	0	213	362	451	59,952
Shikarpur	18,817	1,158	221	3,396	13	-	20	6	2	210	219	46	24,108
Sujawal	12,284	-	-	2,836	-	-	-	12	0	-	0	-	15,132
Sukkur	69,609	1,224	1,943	18,476	581	-	23	25	75	46	41	7	92,049
Tando Allah Yar	27,015	-	502	8,726	1,189	-	146	394	0	400	3337	32	41,741
Tharparkar	921	-	-	100	-	-	-	0	0	-	0	-	1,021
Thatta	24,200	6,029	4,346	7,831	266	-	31	225	0	224	751	15	43,918
Tando Muhammad Khan	35,561	-	1,358	6,061	75	-	36	32	0	50	130	14	43,317
Umerkot	17,209	1,117	2,957	3,075	337	-	-	78	25	50	196	-	25,044
New distributors	-	-	2,852	34,415	-	-	37	383	977	3,199	-	-	41,863
Sindh	1,490,800	112,376	155,225	422,235	9,704	-	1,992	4,848	1,487	9,082	22,160	1,434	2,231,343

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available.

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Table 3. District and Product-wise Fertilizer Offtake during 2019-20

Districts	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
	KP												
Abbotabad	1,502	-	70	53	-	-	-	-	-	25	40	-	1,690
Bajaur agency	3,000	-	298	1,012	-	-	-	-	15	-	-	-	4,324
Bannu	5,317	-	406	2,179	-	-	-	5	30	-	-	-	7,937
Battagram	297	-	-	-	-	-	-	-	-	-	-	-	297
Buner	4,920	-	37	769	-	-	51	74	128	639	1,165	7	7,789
Charsadha	10,714	-	1,080	2,480	-	-	60	52	6	16	371	-	14,779
Dera Ismail Khan	27,109	-	820	7,763	9	-	-	558	170	-	780	-	37,208
Dir	13,264	-	151	2,546	-	-	-	-	-	-	-	-	15,961
Hangu	-	-	-	-	-	-	-	-	-	-	-	-	-
Haripur	1,562	-	65	181	-	-	-	3	11	-	-	-	1,822
Karak	15	-	-	8	-	-	-	-	-	-	-	-	23
Khyber agency	1,020	-	10	407	-	-	-	-	-	-	-	-	1,437
Kohat	2,705	-	154	781	-	-	-	-	-	-	-	-	3,640
Kurram agency	1,600	-	23	305	-	-	-	-	-	-	-	-	1,928
Lakki Marwat	2,955	-	-	998	-	-	-	-	14	-	-	-	3,967
Malakand	9,811	-	544	3,305	-	-	-	14	-	-	-	-	13,673
Mansehra	6,340	-	192	721	-	-	38	34	9	98	1,178	2	8,612
Mardan	42,065	-	1,900	10,602	-	-	3,170	244	72	350	2,580	3	60,985
Mohmand agency	585	-	-	82	-	-	-	-	-	-	-	-	667
North Waziristan	-	-	-	-	-	-	-	-	-	-	-	-	-
Nowshera	10,433	-	498	691	-	-	-	1	-	-	-	-	11,622
Orakzai agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	50,966	-	2,262	7,889	-	-	1,420	18	15	-	45	-	62,614
South Waziristan	-	-	-	-	-	-	-	-	-	-	-	-	-
Shangla	25,481	-	5,226	6,315	-	-	-	62	18	40	253	-	37,395
Swabi	13,899	-	95	521	-	-	-	109	-	-	1,337	3	15,964
Swat	45,987	-	6,152	10,189	-	-	1,593	140	118	665	653	2	65,498
Tank	185	-	-	-	-	-	-	-	-	-	-	-	185
New distributors	-	2,599	4,489	13,004	1	-	-	291	560	2,668	-	-	23,612
KP	281,729	2,599	24,470	72,799	10	-	6,332	1,604	1,166	4,501	8,402	17	403,628

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available.

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2019-20

													(tonnes)
Districts	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	76,867	-	687	8,016	161	-	-	-	-	-	-	-	85,731
Barkhan	633	-	-	144	-	-	-	-	-	-	-	-	777
Kachhi (Bolan)	676	-	-	348	-	-	-	-	-	-	-	-	1,024
Chaghi	874	-	-	150	-	-	-	8	-	-	-	-	1,032
Dera Bugti	57	-	-	24	-	-	-	-	-	-	-	-	81
Gwadar	50	-	-	-	-	-	-	-	-	-	-	-	50
Harnai	1,391	-	166	598	-	-	-	-	-	-	-	-	2,155
Jafarabad	42,647	-	197	11,845	39	-	-	21	-	-	46	12	54,807
Jhal Magsi	12,289	-	-	3,367	-	-	-	38	-	-	-	-	15,694
Kalat	1,640	-	705	303	-	-	-	19	8	-	281	1	2,957
Kech (Turbat)	1,498	-	-	-	-	-	-	-	-	-	-	-	1,498
Kharan	12,711	-	-	1,635	-	-	-	46	-	-	-	-	14,392
Khuzdar	14,061	-	447	2,881	-	-	-	5	-	30	581	-	18,005
Lasbela	36,167	30	3,479	9,907	132	-	9	73	5	58	1,443	20	51,322
Loralai	552	-	20	94	-	-	-	-	-	5	27	-	698
Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	13,702	-	1,716	5,744	3	-	-	-	-	-	15	-	21,180
Nushki	320	-	-	45	-	-	-	-	-	-	-	-	365
Pishin	11,106	-	5,735	2,079	15	-	-	191	69	97	1,992	21	21,305
Qila Saifullah	1,998	-	805	254	-	-	-	42	5	76	90	-	3,270
Qila Abdullah	-	-	-	-	-	-	-	1	-	-	30	-	31
Quetta	12,877	-	11,628	4,273	-	-	-	23	39	9	274	-	29,124
Sohbatpur	492	-	-	68	-	-	-	-	-	-	-	-	560
Sibi	4,888	-	285	1,836	-	-	-	-	-	-	-	-	7,009
Washuk	71	-	-	-	-	-	-	-	-	-	-	-	71
Zhob	3,509	-	-	328	-	-	-	1	-	-	-	-	3,838
New distributors	-	-	-	39,465	-	-	-	296	609	2,951	332	-	43,653
Balochistan	251,075	30	25,871	93,404	350	-	9	764	735	3,226	5,111	54	380,629
Pakistan	6,015,274	502,268	578,230	1,983,678	27,397	-	69,448	41,966	27,425	72,230	71,371	2,572	9,391,860

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2020-21

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Attock	14,417	24,174	4,424	3,155	-	-	178	45	103	66	336	-	46,898
Bahawalpur	228,987	43,808	27,934	77,293	1,307	-	-	1,050	671	1705	2,040	23	384,817
Bhakkar	45,131	13,120	6,468	15,559	-	-	-	260	255	58	2,183	-	83,034
Bahawal Nagar	193,430	46,598	27,430	54,184	812	-	-	810	513	1472	1,385	8	326,641
Chakwal	1,282	155	568	1,259	-	-	-	-	-	0	-	-	3,264
Chiniot	88,514	9,261	9,002	21,416	386	-	313	987	1,071	1739	2,909	31	135,629
Dera Ghazi Khan	160,673	16,497	11,088	38,030	881	-	-	266	137	203	590	11	228,376
Faisalabad	157,985	12,325	18,067	42,481	943	-	840	1,027	822	1214	1,803	14	237,519
Gujranwala	210,553	15,259	17,375	44,865	715	-	4,160	657	941	1601	1,390	16	297,531
Gujrat	27,356	1,309	1,244	5,080	152	-	90	55	348	108	257	4	36,003
Hafizabad	99,592	3,523	4,220	22,046	663	-	3,100	399	310	826	700	18	135,397
Jhang	124,365	12,513	19,222	39,743	1,205	-	390	743	1,047	1772	1,176	-	202,177
Jhelum	1,577	-	10	433	-	-	-	19	13	14	47	-	2,113
Kasur	137,004	16,894	15,609	39,064	412	-	-	554	442	403	422	-	210,804
Khaneval	158,446	23,407	26,868	58,262	700	-	1,240	1,359	879	1258	1,773	1	274,193
Khushab	10,446	10	125	2,964	35	-	-	74	58	155	285	-	14,151
Lahore	82,523	3,541	4,892	18,216	340	-	-	85	411	485	821	9	111,322
Layyah	93,207	33,922	10,362	19,771	587	-	-	338	204	194	1,479	8	160,072
Lodran	142,170	19,105	24,175	48,406	678	-	2,884	611	399	982	1,099	11	240,521
Mandi Bahauddin	85,877	2,128	11,051	18,564	289	-	8,653	393	548	711	1,877	17	130,107
Muzaffar Garh	172,931	51,753	18,570	52,455	697	-	-	847	321	820	1,341	5	299,741
Mianwali	29,700	2,413	2,998	7,407	7	-	-	115	158	0	266	-	43,063
Multan	228,094	147,510	77,087	67,635	880	-	9,476	1,430	835	1764	3,762	4	538,476
Nankana	70,165	5,445	3,948	15,087	529	-	180	178	165	446	261	3	96,406
Narowal	134,143	2,635	4,197	21,348	314	-	12,509	38	174	89	297	2	175,744
Okara	238,757	22,070	20,606	56,478	2,048	-	3,158	1,179	2,432	2194	3,669	31	352,622
Pakpattan	128,151	9,837	18,382	39,059	1,143	-	240	985	741	984	2,896	48	202,466
Rahim Yar Khan	345,784	30,201	32,144	103,475	2,591	-	-	1,937	1,320	2239	4,601	25	524,317
Rajanpur	103,354	11,198	11,951	30,216	519	-	1,250	98	196	632	272	5	159,690
Rawalpindi	28,717	17,403	3,661	5,239	-	-	140	-	52	0	76	-	55,288
Sahiwal	141,140	14,317	15,488	48,377	963	-	-	959	416	424	520	4	222,608
Sargodha	86,941	11,866	24,893	17,619	547	-	1,320	1,242	590	1174	3,526	9	149,727
Sheikhupura	141,238	6,749	10,014	36,865	489	-	-	469	429	1092	596	10	197,950
Sialkot	52,240	1,078	2,904	10,186	99	-	30	167	258	884	1,042	28	68,915
Toba Tek Singh	112,822	15,157	21,816	32,673	533	-	-	1,182	632	1315	2,248	16	188,393
Vehari	256,802	24,671	28,524	80,726	1,594	-	2,360	2,157	1,575	1260	2,731	4	402,404
New distributors	-	-	-	380,098	340	-	28,973	21,607	16,050	54,465	-	-	501,533
Punjab	4,334,513	671,852	537,314	1,575,734	23,398	-	81,482	44,317	35,512	84,748	50,676	365	7,439,911

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2020-21

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Badin	73,039	3,521	5,980	18,344	330	-	-	239	105	414	1645	-	103,616
Dadu	97,102	376	1,412	15,784	83	-	30	1768	62	182	460	126	117,386
Ghotki	123,491	8,356	13,791	46,270	1,262	-	180	589	204	229	576	26	194,975
Hyderabad	33,264	27,147	30,376	11,250	182	-	-	344	130	237	1222	10	104,162
Jacobabad	20,292	766	892	7,624	192	-	635	146	0	170	386	86	31,188
Jamshoro	14,064	255	405	885	-	-	-	8	0	-	88	4	15,709
Karachi	49,462	1,634	2,455	23,149	810	-	-	321	0	78	180	-	78,088
Kashmore	49,799	141	411	16,382	535	-	30	163	0	46	36	53	67,596
Khairpur	51,769	1,895	2,268	16,215	99	-	-	291	32	49	354	-	72,973
Larkana	50,045	242	838	10,721	140	-	120	46	6	64	141	28	62,390
Mirpurkhas	104,970	45,375	47,615	17,293	471	-	-	310	86	1,232	4561	16	221,928
Matiali	29,217	4,089	7,111	12,507	149	-	-	337	64	362	2134	2	55,971
Noshero Feroz	159,313	18,694	23,363	63,678	2,234	-	-	434	145	424	3390	16	271,690
Shaheed Benazir Abad	103,928	19,170	11,794	20,766	245	-	-	697	80	194	1852	10	158,735
Sanghar	145,250	25,303	23,494	29,920	426	-	-	583	152	631	3255	22	229,036
Qambar Shahdad Kot	40,559	374	1,571	12,897	291	-	60	98	18	127	545	148	56,688
Shikarpur	18,919	636	253	8,163	10	-	470	33	2	154	81	7	28,727
Sujawal	9,519	-	-	3,222	-	-	-	-	-	-	-	-	12,741
Sukkur	50,811	2,566	4,315	21,227	341	-	-	329	63	27	75	2	79,756
Tando Allah Yar	33,679	-	1,421	5,944	600	-	-	635	94	491	4196	5	47,065
Tharparkar	9,674	-	612	1,376	-	-	-	0	0	-	0	-	11,662
Thatta	22,786	11,365	6,437	10,507	847	-	-	181	0	115	951	-	53,188
Tando Muhammad Khan	29,221	-	235	5,800	33	-	-	16	18	39	118	-	35,479
Umerkot	28,028	4,115	4,488	1,744	-	-	-	19	20	-	-	-	38,414
New distributors	-	-	179	68,816	45	-	579	12	2,301	5,520	-	-	77,452
Sindh	1,348,199	176,018	191,716	450,482	9,325	-	2,104	7,597	3,582	10,785	26,246	561	2,226,614

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2020-21

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
KP													
Abbotabad	2,015	-	30	677	-	-	-	13	-	5	30	-	2,770
Bajaur agency	2,273	-	367	606	-	-	-	29	-	-	68	1	3,344
Bannu	3,568	-	175	1,664	-	-	-	20	-	-	-	-	5,427
Battagram	420	-	-	1	-	-	-	-	-	-	-	-	421
Buner	10,976	-	358	5,142	-	-	-	152	150	704	1,242	-	18,723
Charsadha	9,666	-	2,567	1,637	-	-	-	129	14	33	161	-	14,208
Chitral	-	-	-	-	-	-	-	-	-	-	-	-	-
Dera Ismail Khan	35,164	-	710	11,166	-	-	-	72	334	-	23	-	47,469
Dir lower	4,076	-	-	869	-	-	-	86	-	-	-	-	5,031
Dir upper	6,523	-	-	1,401	-	-	-	13	-	-	-	-	7,937
Hangu	-	-	-	-	-	-	-	-	-	-	-	-	-
Haripur	1,084	-	66	681	-	-	-	7	19	-	-	-	1,856
Karak	-	-	-	-	-	-	-	-	-	-	-	-	-
Khyber agency	3,585	-	103	2,197	-	-	-	94	-	-	-	-	5,979
Kohat	1,615	-	192	205	-	-	-	-	-	-	-	-	2,012
Kohistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Kurram agency	550	-	203	290	-	-	-	-	-	-	-	-	1,043
Lakki Marwat	2,864	-	-	1,761	-	-	-	15	-	-	-	-	4,640
Malakand	2,610	-	335	1,595	-	-	-	55	35	-	-	-	4,629
Mansehra	15,533	-	2,774	1,742	-	-	90	57	31	46	2,527	-	22,800
Mardan	40,466	-	3,119	5,941	-	-	3,965	437	82	187	2,398	-	56,595
Mohmand agency	160	-	-	123	-	-	-	-	-	-	-	-	283
Nowshera	5,152	-	454	1,211	-	-	-	10	10	-	-	-	6,837
Orakzai agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	79,360	-	1,885	9,501	-	-	150	179	8	2	30	-	91,115
Shangla	16,583	-	5,302	4,198	-	-	-	57	30	139	583	-	26,892
Swabi	20,370	-	2,176	780	-	-	-	442	16	-	844	-	24,628
Swat	60,929	-	8,092	10,957	-	-	1,295	149	202	822	1,350	-	83,795
Tank	45	-	-	15	-	-	-	-	-	-	-	-	60
New distributors	-	3,564	-	14,719	-	-	30	253	563	2,104	-	-	21,233
KP	325,587	3,564	28,905	79,078	-	-	5,530	2,268	1,493	4,042	9,256	1	459,724

Continued....

Source: Respective Marketing Agencies

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2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2020-21

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	29,414	-	4,643	5,672	1,013	-	-	-	-	-	-	-	40,742
Barkhan	2,270	-	-	237	-	-	-	3	7	-	-	-	2,517
Kachhi (Bolan)	2,573	-	110	615	-	-	-	39	-	7	1,306	-	4,650
Chaghi	2,430	-	-	463	-	-	-	0	-	-	-	-	2,893
Dera Bugti	15	-	-	-	-	-	-	-	-	-	-	-	15
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Harnai	1,628	-	100	270	-	-	-	5	-	-	-	-	2,003
Jafarabad	40,866	-	180	12,901	405	-	-	179	-	4	17	-	54,552
Jhal Magsi	31,851	-	-	4,790	-	-	-	103	-	-	-	-	36,744
Kalat	1,085	-	305	885	-	-	-	20	5	-	376	-	2,676
Kech (Turbat)	7,521	-	39	110	-	-	-	-	-	-	-	-	7,670
Kharan	20,426	-	-	1,003	-	-	-	30	-	-	-	-	21,459
Khuzdar	26,044	-	1,246	1,962	-	-	-	7	-	-	582	-	29,840
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	34,435	147	3,187	7,740	-	-	-	10	-	-	715	1	46,235
Loralai	333	-	-	14	-	-	-	-	-	-	-	-	347
Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	8,761	-	4,694	4,082	-	-	-	11	-	-	-	-	17,548
Nushki	390	-	-	6	-	-	-	-	-	-	-	-	396
Panjugur	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	7,126	-	5,195	830	-	-	-	96	84	75	1,596	2	15,003
Qila Saifullah	3,522	-	848	209	-	-	-	8	8	165	461	-	5,221
Qila Abdullah	-	-	-	-	-	-	-	1	-	-	-	-	1
Quetta	11,806	-	7,652	1,927	-	-	-	21	10	8	355	-	21,778
Sohbatpur	538	-	-	35	-	-	-	5	-	-	-	-	578
Sibi	16,630	-	341	3,290	-	-	-	31	-	-	-	-	20,292
Washuk	3,700	-	-	1,247	-	-	-	35	-	-	-	-	4,982
Zhob	4,929	-	-	677	-	-	-	-	-	-	-	-	5,606
New distributors	-	-	-	16,163	-	-	-	521	413	701	-	-	17,798
Balochistan	258,292	147	28,539	65,128	1,418	-	-	1,125	527	960	5,408	3	361,546
Pakistan	6,266,591	851,580	786,474	2,170,422	34,141	-	89,116	55,307	41,114	100,535	91,586	930	10,487,795

Continued....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2021-22

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
PUNJAB													
Attock	11,821	18,914	3,043	6,578	291	-	15	86	68	0	427	-	41,243
Bahawalpur	244,995	28,470	27,163	71,752	1,039	-	-	612	607	276	2,271	-	377,185
Bhakkar	44,543	6,783	4,193	13,583	-	-	60	41	245	43	2,179	-	71,669
Bahawalnagar	223,992	29,741	26,547	52,774	684	-	-	706	357	216	1,247	-	336,264
Chakwal	1,675	115	95	1,133	-	-	-	-	-	0	-	-	3,018
Chiniot	91,491	5,704	12,270	19,771	226	-	1,484	519	1,489	284	3,133	-	136,372
Dera Ghazi Khan	133,131	17,800	12,138	40,453	309	-	120	187	187	165	544	-	205,035
Faisalabad	155,053	11,956	19,934	33,135	830	-	2,226	634	593	245	1,542	-	226,148
Gujranwala	200,165	8,966	21,050	44,207	785	-	3,757	425	1,709	258	1,508	-	282,828
Gujrat	18,820	632	1,462	3,616	100	-	60	-	118	0	5	-	24,813
Hafizabad	104,152	5,736	8,968	22,994	367	-	1,080	207	380	202	949	-	145,035
Islamabad	795	-	-	130	-	-	-	-	-	0	-	-	925
Jhang	146,024	9,370	16,888	35,122	501	-	565	598	1,177	498	1,729	-	212,472
Jhelum	2,338	-	-	797	-	-	-	-	15	0	-	-	3,150
Kasur	147,201	12,643	13,764	35,206	421	-	-	533	669	74	492	-	211,003
Khanewal	174,647	20,317	18,590	47,376	401	-	1,595	947	662	88	1,905	-	266,528
Khushab	15,007	465	570	2,475	31	-	-	95	54	0	548	-	19,244
Lahore	77,930	4,295	5,587	16,329	435	-	-	167	448	88	838	-	106,116
Layyah	93,245	29,638	7,460	22,025	166	-	180	369	204	75	1,000	-	154,362
Lodran	170,089	19,253	18,550	43,332	509	-	12,285	432	585	328	1,331	-	266,695
Mandibahauddin	84,269	3,705	13,664	15,229	270	-	6,732	246	185	70	1,278	-	125,647
Muzaffar Garh	166,349	43,645	16,885	48,880	417	-	-	556	431	117	1,063	-	278,343
Mianwali	63,173	2,976	5,287	8,334	21	-	-	13	158	0	985	-	80,946
Multan	244,380	107,262	87,000	64,232	998	-	2,977	594	1,220	517	3,584	-	512,764
Nankana	77,152	5,162	6,244	16,019	242	-	240	38	79	151	223	-	105,550
Narowal	96,334	1,609	4,789	19,066	130	-	10,739	232	395	15	610	-	133,920
Okara	248,689	21,363	30,702	57,842	1,871	-	3,062	1,228	2,348	334	3,018	-	370,457
Pakpattan	173,079	19,454	23,977	38,842	923	-	5,378	964	1,121	221	2,681	-	266,640
Rahim Yar Khan	407,527	29,102	28,991	101,175	1,311	-	150	972	1,188	483	4,696	-	575,596
Rajanpur	150,425	13,124	9,204	34,563	493	-	320	95	146	124	437	-	208,932
Rawalpindi	25,718	15,197	8,606	6,140	-	-	61	5	3	3	228	-	55,961
Sahiwal	156,973	23,550	24,979	42,278	486	-	44	1,382	348	62	557	1	250,660
Sargodha	93,972	11,363	27,054	15,398	400	-	1,209	949	826	346	3,588	-	155,105
Sheikhupura	125,561	10,641	14,417	34,094	603	-	-	318	369	80	693	-	186,775
Sialkot	54,928	6,110	8,840	12,386	41	-	164	159	291	263	1,932	-	85,112
Toba Tek Singh	108,126	11,130	16,822	27,475	495	-	-	598	419	111	2,353	-	167,530
Vehari	230,984	27,456	17,993	61,814	831	-	8,326	1,268	1,381	432	3,769	-	354,254
New distributors	-	-	-	252,336	293	-	29,484	19,441	16,539	16,285	-	-	334,378
Punjab	4,564,751	583,649	563,727	1,368,889	16,920	-	92,312	35,617	37,009	22,454	53,343	1	7,338,670

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2021-22

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Badin	107,763	4,534	5,166	18,449	97	-	-	162	22	126	1796	19	138,134
Dadu	74,698	614	4,110	15,933	267	-	90	114	30	30	388	277	96,550
Ghotki	138,567	10,920	19,058	31,518	556	-	2,570	179	203	70	887	31	204,560
Hyderabad	57,632	14,839	17,999	10,366	298	-	1,150	121	58	215	1113	9	103,799
Jacobabad	37,581	933	4,418	5,655	146	-	610	56	5	-	736	101	50,240
Jamshoro	9,474	546	240	985	16	-	-	0	0	3	155	18	11,437
Karachi	45,798	652	2,530	18,071	331	-	271	272	146	-	132	-	68,204
Kashmore	62,191	120	634	14,607	283	-	30	59	5	-	246	138	78,313
Khairpur	85,505	5,863	6,823	19,097	286	-	-	194	60	15	433	10	118,286
Larkana	56,917	130	2,239	8,299	-	-	60	0	0	3	94	114	67,857
Mirpurkhas	116,993	33,815	47,233	15,619	990	-	30	497	33	410	3982	20	219,622
Matiali	43,779	9,571	8,620	7,825	113	-	-	341	15	176	1930	27	72,398
Noshero Feroz	197,762	92,094	30,371	45,047	706	-	-	134	14	225	2430	65	368,847
Shaheed Benazir Abad	129,314	18,900	13,271	22,592	380	-	-	595	257	123	1973	28	187,434
Sanghar	156,196	25,131	25,894	30,288	539	-	-	502	124	95	3215	21	242,005
Qambar Shahdad Kot	55,103	840	1,800	9,744	67	-	60	94	27	60	432	239	68,467
Shikarpur	29,562	755	2,245	5,924	18	-	2,779	124	10	8	55	64	41,544
Sujawal	10,297	-	-	2,953	-	-	-	2	-	-	-	-	13,252
Sukkur	73,464	2,443	3,737	16,070	172	-	-	38	15	8	34	-	95,981
Tando Allah Yar	32,175	2,100	3,746	3,923	305	-	-	477	39	234	3516	40	46,555
Tharparkar	5,974	-	51	1,091	48	-	-	10	0	-	0	-	7,174
Thatta	41,110	6,232	4,950	5,102	201	-	-	30	19	52	342	3	58,041
Tando Muhammad Khan	47,361	340	364	9,545	10	-	-	49	23	-	5	-	57,697
Umerkot	14,288	4,118	7,047	1,240	68	-	-	5	10	-	-	-	26,775
New distributors	-	-	-	70,584	198	-	943	1,102	17,104	6,171	-	-	96,102
Sindh	1,629,505	235,489	212,546	390,527	6,095	-	8,593	5,155	18,218	8,024	23,894	1,224	2,539,270

Continued....

Source: Respective Marketing Agencies

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Table 3.8 District and Product-wise Fertilizer Offtake during 2021-22

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
KP													
Abbotabad	4,702	-	203	1,146	-	-	15	-	-	-	-	-	6,066
Bajaur agency	1,576	-	217	526	-	-	-	-	-	-	111	-	2,430
Bannu	2,040	-	35	384	-	-	-	-	-	-	-	-	2,459
Battagram	254	-	13	3	-	-	-	-	-	-	-	-	269
Buner	8,369	-	151	4,202	-	-	-	112	175	1	1,452	-	14,461
Charsadha	7,725	-	3,796	1,176	-	-	150	42	25	-	86	-	13,000
Chitral	20	-	-	-	-	-	-	-	-	-	-	-	20
Dera Ismail Khan	29,538	-	165	8,630	-	-	-	129	82	-	45	-	38,588
Dir lower	4,182	-	190	781	-	-	-	-	-	-	-	-	5,153
Dir upper	7,881	-	22	991	3	-	-	-	-	-	10	-	8,907
Hangu	-	-	-	-	-	-	-	-	-	-	-	-	-
Haripur	1,679	-	274	468	-	-	10	-	5	-	-	-	2,436
Karak	30	-	-	-	-	-	-	-	-	-	-	-	30
Khyber agency	565	-	-	812	-	-	-	-	-	-	-	-	1,377
Kohat	2,327	-	301	636	-	-	-	-	-	-	-	-	3,264
Kohistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Kurram agency	1,143	-	78	325	-	-	-	-	-	-	-	-	1,546
Lakki Marwat	1,943	-	-	414	-	-	-	-	10	-	-	-	2,367
Malakand	2,666	-	10	2,741	-	-	-	154	54	-	-	-	5,625
Mansehra	13,475	-	4,571	2,241	-	-	30	52	38	41	821	-	21,269
Mardan	48,532	-	2,681	5,782	-	-	4,024	224	61	94	1,406	-	62,804
Mohmand agency	506	-	-	93	-	-	-	-	-	-	-	-	599
North Waziristan	-	-	-	-	-	-	-	-	-	-	-	-	-
Nowshera	4,319	-	25	648	-	-	-	-	6	-	-	-	4,998
Orakzai agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	75,962	-	937	7,878	-	-	600	191	43	-	76	-	85,686
South Waziristan	-	-	-	-	-	-	-	-	-	-	-	-	-
Shangla	5,773	-	1,859	2,715	-	-	-	6	87	-	251	-	10,692
Swabi	19,502	-	347	373	-	-	30	-	-	-	-	-	20,252
Swat	39,641	-	8,145	9,553	-	-	1,440	184	163	-	1,845	-	60,971
Tank	200	-	-	23	-	-	-	-	-	-	-	-	223
New distributors	-	795	-	6,388	-	-	-	10	127	1,835	-	-	9,155
KP	284,549	795	24,018	58,927	3	-	6,299	1,104	876	1,971	6,103	-	384,644

Continued.....

Source: Respective Marketing Agencies

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Table 3.8 District and Product-wise Fertilizer Offtake during 2021-22

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	1,046	-	2,963	24	-	-	-	-	-	-	-	-	4,033
Barkhan	1,361	-	-	219	-	-	-	-	-	-	-	-	1,580
Kachhi (Bolan)	1,400	-	-	235	-	-	-	-	-	-	-	-	1,635
Chagai	1,769	-	-	340	-	-	-	-	8	-	-	-	2,117
Dera Bugti	60	-	-	-	-	-	-	-	-	-	-	-	60
Gwadar	-	-	-	-	-	-	-	-	-	-	-	-	-
Harnai	2,969	-	415	849	-	-	-	23	-	-	-	-	4,256
Jafarabad	39,160	-	229	9,353	85	-	-	45	0	-	-	-	48,872
Jhal Magsi	13,064	-	-	1,576	-	-	-	15	-	-	-	-	14,655
Kalat	2,583	-	210	363	-	-	-	-	5	-	245	-	3,406
Kech (Turbat)	900	-	-	-	-	-	-	-	-	-	-	-	900
Kharan	9,924	-	22	782	-	-	-	14	3	-	159	-	10,904
Khuzdar	20,988	-	309	2,555	28	-	-	13	22	-	621	-	24,535
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	34,869	20	10,150	4,907	-	-	-	272	66	8	1,401	29	51,722
Loralai	770	-	55	123	-	-	-	3	-	-	-	-	951
Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	12,935	-	4,399	2,715	5	-	-	-	-	-	-	-	20,055
Nushki	305	-	-	25	-	-	-	-	-	-	-	-	330
Panjgur	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	12,069	-	2,314	2,297	-	-	-	148	99	18	1,634	3	18,582
Qila Saifullah	3,747	-	321	645	-	-	-	19	21	75	486	3	5,317
Qila Abdullah	30	-	-	-	-	-	-	-	-	-	-	-	30
Quetta	32,935	-	15,717	1,076	-	-	-	1	13	6	153	1	49,901
Sohbatpur	280	-	-	47	-	-	-	-	-	-	-	-	327
Sibi	16,897	-	234	3,133	-	-	-	-	20	-	89	-	20,373
Washuk	446	-	-	186	-	-	-	16	-	-	-	-	648
Zhob	1,135	-	-	957	-	-	-	31	-	-	-	-	2,123
Shaheed Sikanadar Abad	380	-	-	25	-	-	-	-	-	-	-	-	405
New Distributors	-	-	-	11,948	-	-	-	71	15	13	-	-	12,047
Balochistan	212,022	20	37,337	44,380	118	-	-	670	270	120	4,788	36	299,761
Pakistan	6,690,866	819,953	837,727	1,862,722	23,136	-	107,203	42,546	56,373	32,569	88,128	1,261	10,562,485

Continued.....

Source: Respective Marketing Agencies

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Table 3.8 District and Product-wise Fertilizer Offtake during 2022-23

DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	(tonnes)
													TOTAL
PUNJAB													
Attock	9,685	2,714	2,280	2,125	-	-	64	22	-	0	57	-	16,947
Bahawalpur	234,163	40,043	39,669	51,476	93	-	-	773	39	15	527	-	366,798
Bhakkar	52,808	2,943	2,643	7,240	-	-	1,445	71	8	0	618	-	67,775
Bahawalnagar	232,250	32,054	30,728	42,204	76	-	129	397	32	0	330	-	338,200
Chakwal	1,916	30	1,989	484	-	-	-	6	-	0	-	-	4,425
Chiniot	85,602	6,959	8,887	15,177	10	-	255	414	388	0	1,529	-	119,220
Dera Ghazi Khan	130,314	7,176	5,227	23,454	-	-	180	184	-	0	144	-	166,680
Faisalabad	150,689	15,157	19,721	22,764	220	-	1,396	592	54	0	1,088	-	211,680
Gujranwala	211,345	21,320	28,840	29,445	45	-	2,847	226	30	40	529	12	294,678
Gujrat	17,362	1,075	1,936	2,953	-	-	100	24	-	0	-	-	23,449
Hafizabad	82,895	3,921	5,275	13,664	-	-	1,500	128	-	15	451	-	107,848
Islamabad	6,014	-	-	725	-	-	-	2	-	0	-	-	6,740
Jhang	171,633	17,014	23,080	23,582	178	-	3,640	670	16	30	1,270	-	241,112
Jhelum	1,457	-	35	144	-	-	-	4	-	0	-	-	1,641
Kasur	128,047	16,917	18,190	21,438	54	-	-	284	51	20	186	-	185,187
Khanewal	158,928	14,051	15,638	27,642	3	-	295	844	14	10	345	-	217,770
Khushab	25,498	276	464	2,389	-	-	630	41	-	2	604	-	29,905
Lahore	65,711	4,775	10,520	10,698	62	-	-	155	33	10	130	-	92,094
Layyah	95,269	36,237	20,918	17,083	2	-	270	606	3	5	618	-	171,011
Lodran	135,910	18,427	23,354	27,937	37	-	1,000	216	4	0	526	-	207,410
Mandibahauddin	107,108	11,749	22,327	14,248	-	-	2,608	203	24	23	563	-	158,853
Muzaffar Garh	152,708	33,240	16,110	28,966	52	-	30	524	5	0	138	-	231,773
Mianwali	55,067	2,159	2,309	2,650	-	-	1,510	20	-	0	349	-	64,064
Multan	291,216	124,344	83,797	40,045	3	-	10,274	414	58	25	1,385	-	551,562
Nankana	73,984	4,701	8,589	12,486	-	-	115	88	-	0	69	-	100,033
Narowal	106,425	2,838	5,620	16,313	-	-	8,044	108	-	0	106	-	139,454
Okara	228,424	25,250	29,615	35,543	8	-	4,305	316	17	51	1,237	-	324,766
Pakpattan	157,884	21,701	26,508	29,415	18	-	675	415	5	20	867	-	237,508
Rahim Yar Khan	354,904	39,462	37,458	74,526	111	-	320	1,061	117	65	1,309	-	509,333
Rajanpur	119,228	3,995	4,338	19,365	17	-	760	96	-	31	163	-	147,993
Rawalpindi	31,400	19,300	5,218	1,734	-	-	-	4	5	0	187	-	57,848
Sahiwal	190,880	32,326	40,905	30,202	-	-	762	417	27	11	205	-	295,734
Sargodha	101,361	17,699	20,532	12,914	104	-	1,230	367	249	29	1,794	-	156,278
Sheikhupura	120,060	9,621	12,659	20,277	13	-	90	176	17	2	128	-	163,043
Sialkot	48,010	8,044	6,226	6,641	-	-	165	102	3	0	481	-	69,671
Toba Tek Singh	81,117	7,157	11,307	14,704	18	-	-	344	4	15	1,015	-	115,681
Vehari	207,739	16,087	14,407	37,041	36	-	3,307	928	64	20	869	-	280,499
New distributors	-	-	-	80,223	633	300	4,191	16,722	3,970	10,013	-	-	116,052
Punjab	4,425,010	620,761	607,319	819,916	1,793	300	52,136	27,962	5,237	10,452	19,817	12	6,590,715

Continued.....

Source: Respective Marketing Agencies

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Table 3.8 District and Product-wise Fertilizer Offtake during 2022-23

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
SINDH													
Badin	81,779	2,113	3,941	8,754	28	-	-	89	0	-	358	5	97,067
Dadu	72,985	1,084	5,186	9,935	39	-	-	91	0	-	75	67	89,461
Ghotki	129,497	14,667	16,139	16,422	27	-	883	34	7	20	362	-	178,057
Hyderabad	69,481	12,368	6,164	7,779	11	-	-	76	0	-	445	5	96,329
Jacobabad	43,410	4,576	7,863	4,948	21	-	411	1	0	-	87	20	61,337
Jamshoro	18,981	780	87	425	-	-	-	0	0	-	17	-	20,290
Karachi	33,409	666	2,464	7,199	-	-	-	951	3196	-	15	-	47,900
Kashmore	47,873	110	442	8,158	28	-	-	20	0	-	0	29	56,660
Khairpur	69,803	8,928	5,816	10,361	8	-	-	47	0	-	423	12	95,398
Larkana	60,031	2,705	3,067	5,601	30	-	60	22	0	-	61	69	71,646
Mirpurkhas	108,140	45,353	29,587	9,967	16	-	-	174	0	25	1501	9	194,772
Matiali	47,081	9,543	11,932	4,407	7	-	-	111	0	-	1567	7	74,656
Noshero Feroz	163,331	60,058	30,531	27,694	40	-	-	312	0	15	974	12	282,967
Shaheed Benazir Abad	106,346	3,555	4,237	14,153	104	-	-	278	0	10	437	1	129,121
Sanghar	150,406	26,367	14,225	26,429	12	-	-	353	0	-	1279	10	219,082
Qambar Shahdad Kot	45,231	-	372	6,104	-	-	60	4	0	-	122	14	51,907
Shikarpur	41,435	520	6,103	6,100	13	-	875	21	0	-	14	3	55,085
Sujawal	12,090	-	-	2,280	-	-	-	34	-	-	-	-	14,404
Sukkur	58,249	975	988	7,879	78	-	-	28	0	-	132	-	68,329
Tando Allah Yar	27,784	13,254	12,249	2,435	70	-	-	312	0	1	1615	5	57,723
Tharparkar	808	-	-	78	-	-	-	10	0	-	0	-	896
Thatta	65,540	8,555	4,099	4,048	85	-	-	47	0	-	240	4	82,618
Tando Muhammad Khan	55,647	280	595	6,288	2	-	-	41	0	-	0	-	62,853
Umerkot	12,713	3,657	4,708	381	-	-	-	16	0	-	27	-	21,501
New distributors	-	-	-	44,392	18	-	981	212	1,411	1,732	-	-	48,746
Sindh	1,522,049	220,114	170,795	242,214	637	-	3,270	3,284	4,614	1,803	9,751	272	2,178,803

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2022-23

													(tonnes)
DISTRICTS	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
KP													
Abbotabad	10,307	-	97	2,141	-	-	-	81	-	-	-	-	12,626
Bajaur agency	2,668	-	-	357	-	-	-	-	15	-	70	-	3,110
Bannu	2,400	-	155	339	-	-	-	-	-	-	-	-	2,894
Battagram	755	-	20	18	-	-	-	-	-	-	-	-	793
Buner	2,907	-	22	1,188	-	-	-	129	-	-	603	-	4,849
Charsadha	14,797	-	3,017	1,662	-	-	180	47	-	-	279	-	19,982
Chitral	255	-	-	-	-	-	-	-	-	-	-	-	255
Dera Ismail Khan	42,158	-	2,703	9,090	-	-	-	207	-	-	45	-	54,203
Dir lower	7,586	-	696	729	-	-	70	-	-	-	-	-	9,081
Dir upper	4,595	-	-	412	-	-	200	-	-	-	42	-	5,249
Hangu	370	-	-	-	-	-	-	-	-	-	-	-	370
Haripur	2,168	-	612	162	-	-	20	3	-	-	-	-	2,965
Karak	430	-	-	-	-	-	-	-	-	-	-	-	430
Khyber agency	318	-	11	230	-	-	-	-	-	-	-	-	559
Kohat	1,969	-	47	283	-	-	-	-	-	-	-	-	2,299
Kohistan	-	-	-	-	-	-	-	-	-	-	-	-	-
Kurram agency	2,196	-	-	252	-	-	-	-	-	-	-	-	2,448
Lakki Marwat	1,606	-	-	386	-	-	-	-	-	-	-	-	1,992
Malakand	885	-	18	30	-	-	-	-	-	-	-	-	933
Mansehra	20,046	-	938	1,722	-	-	-	1	-	70	681	-	23,458
Mardan	75,707	-	2,224	7,664	-	-	4,130	323	1	48	2,046	-	92,143
Mohmand agency	1,305	-	-	77	-	-	-	-	-	-	-	-	1,382
North Wazirastan agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Nowshera	6,575	-	40	866	-	-	-	21	-	-	-	-	7,502
Orakzai agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Peshawar	46,411	-	147	4,939	-	-	2,570	79	-	-	28	-	54,174
South Wazirastan agency	-	-	-	-	-	-	-	-	-	-	-	-	-
Shangla	846	-	3,571	911	-	-	-	60	-	-	-	-	5,388
Swabi	27,714	-	131	385	-	-	120	1	-	-	-	-	28,350
Swat	52,765	-	8,851	4,989	-	-	2,040	180	19	80	658	-	69,582
Tank	515	-	-	30	-	-	-	-	-	-	-	-	545
New distributors	-	-	12,577	3,814	-	-	-	4	15	2,298	-	-	18,708
KP	330,252	-	35,878	42,675	-	-	9,330	1,136	50	2,496	4,452	-	426,268

Continued.....

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.8 District and Product-wise Fertilizer Offtake during 2022-23

DISTRICTS	(tonnes)												
	UREA	CAN	NP	DAP	MAP	TSP	SSP	SOP	MOP	AS	NPKs	ZINC	TOTAL
BALUCHISTAN													
Awaran	-	-	15	-	-	-	-	-	-	-	-	-	15
Barkhan	2,821	-	-	556	-	-	-	5	-	-	-	-	3,382
Kachhi (Bolan)	990	-	-	172	-	-	-	-	-	-	-	-	1,162
Chagai	1,122	-	-	31	-	-	-	-	-	-	-	-	1,153
Chaman	30	-	-	-	-	-	-	-	-	-	-	-	30
Dera Bugti	25	-	10	12	-	-	-	-	-	-	-	-	47
Harnai	6,451	-	722	1,116	-	-	-	5	-	-	-	-	8,293
Jafarabad	36,742	-	70	5,298	17	-	-	3	-	-	-	-	42,130
Jhal Magsi	2,725	-	-	746	-	-	-	-	-	-	-	-	3,471
Kalat	1,397	-	115	154	-	-	-	5	-	-	52	-	1,723
Kech (Turbat)	-	-	-	-	-	-	-	-	-	-	-	-	-
Kharan	3,725	-	-	593	-	-	-	27	-	-	-	-	4,345
Khuzdar	13,693	-	795	1,965	-	-	-	4	-	-	355	-	16,812
Kohlu	-	-	-	-	-	-	-	-	-	-	-	-	-
Lasbela	20,576	-	4,315	1,454	-	-	-	29	-	30	228	5	26,636
Loralai	275	-	7,806	40	-	-	-	-	-	-	-	-	8,121
Mastung	-	-	-	-	-	-	-	-	-	-	-	-	-
Nasirabad	13,950	-	1,316	2,914	-	-	-	0	-	-	-	-	18,180
Nushki	240	-	-	54	-	-	-	-	-	-	-	-	294
Panjgur	-	-	-	-	-	-	-	-	-	-	-	-	-
Pishin	18,595	-	3,384	2,274	-	-	-	103	27	4	1,049	-	25,436
Qila Saifullah	9,640	-	905	1,583	-	-	-	31	-	35	44	-	12,238
Qila Abdullah	2,406	-	-	-	-	-	-	-	-	-	-	-	2,406
Quetta	51,751	-	22,189	2,006	-	-	-	9	12	-	73	-	76,041
Sohbatpur	378	-	-	30	-	-	-	-	-	-	-	-	408
Sibi	5,090	-	145	1,092	-	-	-	-	-	-	96	-	6,423
Washuk	20	-	-	-	-	-	-	-	-	-	-	-	20
Shaheed Sikanadr Abad	40	-	-	-	-	-	-	-	-	-	-	-	40
New distributors	-	-	-	13,776	-	-	-	2	-	38	-	-	13,816
Balochistan	192,682	-	41,786	35,866	17	-	-	221	39	107	1,897	5	272,621
Pakistan	6,469,993	840,875	855,777	1,140,672	2,447	300	64,736	32,604	9,940	14,858	35,917	289	9,468,407

Source: Respective Marketing Agencies

Note: 1. Consolidated offtake has been shown for new distributors, because district-wise data is not available

2. District-wise data is consolidated of these agencies 1. NFML, 2. FFC, 3. EFERT 4. FFCL, 5. Pak Arab, 6. Agritech, 7. Fatima Fert, 8. JBL, 9. RCL

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2012-13

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Nankana	23,088	6,079	96	29,263	293	100
Chiniot	23,433	8,700	278	32,411	288	113
Attock	4,965	676	13	5,654	229	25
Rawalpindi	18,849	2,881	183	21,912	228	96
Islamabad	26	-	-	26	26	1
Jhelum	8,667	2,446	149	11,261	98	115
Chakwal	4,262	202	-	4,464	248	18
Sargodha	42,449	9,359	188	51,996	692	75
Khushab	15,219	3,123	286	18,629	434	43
Mianwali	18,769	6,897	291	25,957	332	78
Bhakkar	23,205	6,921	111	30,237	827	37
Faisalabad	71,209	15,095	227	86,531	694	125
Toba Tek Singh	44,642	11,489	187	56,318	405	139
Jhang	83,461	15,119	327	98,907	669	148
Gujrat	10,175	2,754	119	13,047	294	44
Sialkot	26,135	4,132	27	30,294	430	71
Gujranwala	125,849	19,289	384	145,522	545	267
Narowal	78,407	14,629	102	93,138	306	304
Mandibahauddin	62,179	12,395	406	74,981	364	206
Hafizabad	41,064	10,288	362	51,715	340	152
Sheikhupura	69,406	9,968	235	79,609	523	152
Lahore	53,450	8,036	152	61,639	173	357
Kasur	69,439	13,527	395	83,361	526	158
Okara	120,724	16,596	315	137,635	629	219
Sahiwal	53,611	13,784	266	67,661	435	156
Multan	106,689	30,476	713	137,878	489	282
Khanewal	68,185	21,610	482	90,277	565	160
Vehari	82,750	31,111	293	114,154	635	180
Pakpattan	67,873	15,878	252	84,003	392	214
Lodran	73,742	18,229	440	92,411	449	206
Muzaffar Garh	66,802	18,414	366	85,582	558	153
Layyah	39,685	9,645	197	49,527	488	102
Dera Ghazi Khan	63,572	17,313	186	81,070	323	251
Rajanpur	32,721	5,651	298	38,670	307	126
Bahawalpur	76,434	21,202	372	98,008	637	154
Rahim Yar Khan	96,817	30,642	633	128,092	779	164
Bahawalnagar	79,760	17,409	319	97,488	808	121
New distributors	40,046	85,463	5,536	131,045	-	-
Punjab	1,987,759	537,428	15,187	2,540,374	17,230	147.4

1. Lahore, Multan and Narowal are big fertilizer markets and use may not depict true picture.
 2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2012-13

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Tando Allah Yar	14,091	1,936	180	16,207	76	213
Kashmore	12,890	4,057	130	17,077	136	126
Qamber Shahdad kot	17,077	3,924	38	21,039	143	147
Tando Muhammad khan	6,546	976	8	7,530	62	122
Matiari	16,459	4,101	180	20,740	94	222
Jamshoro	4,682	3,840	77	8,599	71	121
Malir	2,488	2,368	105	4,961	-	-
Khairpur	25,879	5,783	210	31,872	245	130
Jacobabad	13,076	4,811	44	17,932	119	150
Sukkur	18,502	3,795	48	22,345	102	219
Shikarpur	7,005	1,465	9	8,478	174	49
Shaheed Benazir Abad	44,899	8,281	142	53,322	137	390
Noshero Feroz	46,676	8,906	123	55,705	181	307
Ghotki	39,722	8,872	128	48,722	212	230
Larkana	11,836	3,542	192	15,569	179	87
Sanghar	61,695	9,793	136	71,624	168	427
Dadu	18,845	3,958	52	22,854	116	196
Hyderabad	19,679	4,783	115	24,576	38	644
Badin	37,067	5,873	184	43,124	181	238
Mirpurkhas	51,656	10,509	241	62,406	120	521
Umerkot	12,062	1,062	30	13,154	68	194
Thatta	10,433	1,946	34	12,413	217	57
Karachi	23,850	5,968	141	29,959	13	2305
New distributors	5,641	12,221	833	18,698	-	-
Sind	522,756	122,770	3,380	648,906	3,450	188.1

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2012-13

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Shangla	1,447	126	-	1,573	50	32
Hangu	16	11	-	26	32	1
Peshawar	33,574	3,245	11	36,830.54	73	503
Charsadda	10,041	4,652	11	14,704	73	203
Nowshera	4,408	269	6	4,683	45	103
Mardan	48,854	5,711	228	54,793	108	509
Swabi	6,029	538	-	6,567	95	69
Kohat	4,256	526	25	4,807	39	124
Karak	67	16	-	83.58	35	2
Mansehra	12,223	1,533	150	13,906	97	143
Abbotabad	1,627	319	-	1,947	30	65
Kohistan	77	3	-	80	28	3
Haripur	3,566	672	-	4,238	86	49
Battagram	764	76	-	840	26	32
Malakand	5,712	871	7	6,590	46	142
Swat	28,469	6,623	75	35,168	172	204
Dir	2,680	1,141	21	3,841	84	46
Buner	3,793	924	25	4,743	95	50
Chitral	4	-	-	4	23	0.2
Dera Ismail Khan	18,842	6,093	279	25,213	108	232
Tank	90	12	-	101	18	6
Bannu	11,134	8,030	114	19,278	32	596
Lakki Marwat	1,853	438	-	2,291	46	50
Mohmand	3,121	163	107	3,391	26	132
Khyber	414	15	-	429	18	24
Kurram	752	12	1	765	13	60
Orakzai	-	-	-	0	8	0
Bajour	1,713	351	-	2,064	68	30
North Waziristan	-	-	-	-	17	-
South Waziristan	129	-	-	129	22	6
New distributors	7,207	8,613	496	16,316	-	-
KP	212,862	50,983	1,556	265,401	1,590	166.9

1. Peshawar, Mardan and Bannu are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2012-13

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Harnai	978	437	-	1,415	-	-
Awaran	976	97	-	1,072	-	-
Chaman	-	-	-	-	-	-
Quetta	29,756	2,727	88	32,571	10	3,257
Pishin	19,765	2,487	108	22,359	24	932
Chagai	9,902	10,129	11	20,042	46	436
Kachhi (Bolan)	184	47	-	231	32	7
Mastung	788	45	-	833	27	31
Loralai	1,071	96	56	1,223	31	39
Zhob	637	37	-	674	14	48
Qila Saifullah	1,714	291	40	2,044	129	16
Qila Abdullah	2,729	1,366	35	4,130	10	413
Sibi	2,372	419	-	2,791	23	121
Kohlu	-	-	-	-	-	-
Dera Bugti	-	-	-	-	-	-
Ziarat	21	-	-	21	3	7
Nasirabad	2,150	391	21	2,562	-	-
Kalat	6,485	771	21	7,278	23	316
Jafarabad	10,996	1,904	15	12,914	247	52
Jhal Magsi	234	56	-	290	24	12
Barkhan	43	5	-	48	-	-
Khuzdar	7,600	2,879	10	10,489	80	131
Kharan	8,009	2,220	102	10,331	39	265
Lasbela	16,054	2,579	52	18,685	21	890
Panjgur	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-
Kech (Turbat)	7,030	74	-	7,104	-	-
Nushki	1,326	89	-	1,415	-	-
New distributors	-	6,601	121	6,722	-	-
Balochistan	130,083	35,763	680	166,526	1,130	147.4
Pakistan	2,853,459	746,944	20,803	3,621,207	23,400	154.8

1. Quetta, Pishin and Lasbela are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2013-14

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Nankana	28,127	6,066	33	34,226	293	117
Chiniot	33,241	9,664	355	43,260	288	150
Attock	7,276	1,344	21	8,641	229	38
Rawalpindi	16,530	2,702	39	19,271	228	84
Islamabad	419	-	-	419	26	16
Jhelum	4,402	418	11	4,831	98	49
Chakwal	2,063	367	6	2,435	248	10
Sargodha	36,114	10,201	213	46,528	692	67
Khushab	8,600	1,595	53	10,248	434	24
Mianwali	14,713	7,569	154	22,435	332	68
Bhakkar	31,485	8,300	341	40,126	827	48
Faisalabad	73,642	18,359	551	92,552	694	133
Toba Tek Singh	51,772	14,779	440	66,992	405	165
Jhang	86,286	20,332	474	107,092	669	160
Gujrat	9,673	2,053	38	11,764	294	40
Sialkot	21,872	4,611	72	26,555	430	62
Gujranwala	122,207	26,535	313	149,056	545	274
Narowal	50,554	13,748	171	64,472	306	211
Mandibahauddin	52,833	13,143	472	66,447	364	182
Hafizabad	47,049	7,317	48	54,414	340	160
Sheikhupura	74,129	13,196	124	87,448	523	167
Lahore	39,509	10,410	148	50,066	173	290
Kasur	68,800	21,497	372	90,669	526	172
Okara	122,375	24,433	614	147,422	629	234
Sahiwal	60,478	16,954	251	77,683	435	179
Multan	158,145	40,810	502	199,458	489	408
Khanewal	79,021	23,633	539	103,192	565	183
Vehari	102,860	32,712	702	136,274	635	215
Pakpattan	57,069	13,624	623	71,315	392	182
Lodhran	90,124	19,619	217	109,960	449	245
Muzaffar Garh	70,063	20,543	306	90,912	558	163
Layyah	55,058	11,779	371	67,208	488	138
Dera Ghazi Khan	77,608	21,819	162	99,589	323	308
Rajanpur	54,236	10,778	198	65,211	307	212
Bahawalpur	94,098	20,313	374	114,785	637	180
Rahim Yar Khan	137,094	33,742	471	171,307	779	220
Bahawalnagar	91,501	19,603	311	111,414	808	138
New distributors	33,258	98,197	6,655	138,110	-	-
Punjab	2,164,280	622,763	16,745	2,803,788	16,520	169.7

1. Multan is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2013-14

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Tando Allah yar	16621	3,252	458	20,331	76	268
Kashmore	20,372	4,003	53	24,428	136	179
Qamber Shahdad Kot	23,034	3,630	58	26,721	143	186
Tando Muhammad Khan	12,443	1115	30	13,588	62	221
Matiari	19,509	4,433	161	24,103	94	257
Jamshoro	4,952	885	29	5,866	71	83
Malir	1,479	188	50	1,717	-	-
Khairpur	48,912	8,035	145	57,092	245	233
Jacobabad	17,068	2,848	54	19,970	119	167
Sukkur	24,434	4,892	79	29,405	102	288
Shikarpur	13,277	1,565	7	14,849	174	86
Shaheed Benazir Abad	54,614	9,522	212	64,347	137	470
Nowshero Feroz	63,718	15,379	262	79,359	181	438
Ghotki	74,227	13,359	107	87693	212	414
Larkana	17,915	2,969	63	20,947	179	117
Sanghar	73,929	12,276	249	86,454	168	515
Dadu	29,607	6,315	52	35,974	116	309
Hyderabad	27,912	8,398	183	36,493	38	957
Badin	47,135	6,988	380	54,502	181	301
Mirpurkhas	57,017	13,956	417	71,389	120	596
Umerkot	9,104	2,201	18	11,322	68	167
Thatta	11,648	2,363	189	14,199	217	65
Karachi	48,427	29125	68	77,619	13	5971
New distributors	13,803	29,748	1,165	44,723	-	-
SINDH	731,157	187,445	4,489	923,091	3,220	286.7

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2013-14

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Shangla	896	327	-	1,223	50	25
Hangu	62	22	-	84	32	3
Peshawar	25,173	4,655	17	29,845	73	408
Charsadda	8,667	2,033	37	10,737	73	148
Nowshera	3,657	666	-	4,323	45	96
Mardan	44,246	8,626	158	53,031	108	493
Swabi	6,644	796	6	7,446	95	78
Kohat	4,917	645	9	5,571	39	144
Karak	682	68	-	749	35	21
Mansehra	7,939	2,237	137	10,313	97	106
Abbotabad	1,586	192	33	1,811	30	60
Kohistan	49	2	-	52	28	2
Haripur	4,351	1,056	-	5,407	86	63
Battagram	201	37	-	238	26	9
Malakand	3,120	737	6	3,863	46	84
Swat	21,074	5,821	151	27,046	172	157
Dir	1,026	1,801	81	2,908	84	35
Buner	2,926	1,095	142	4,163	95	44
Chitral	-	-	-	-	23	-
Dera Ismail Khan	21,373	4,985	159	26,516	108	244
Tank	580	1,064	-	1,644	18	91
Bannu	4,651	3,944	49	8,645	32	267
Lakki Marwat	2,854	444	-	3,299	46	72
Mohmand	1,150	118	22	1,291	26	50
Khyber	509	110	-	619	18	34
Kurram	917	32	-	949	13	75
Orakzai	-	-	-	-	8	0
Bajour	1,578	217	-	1,795	68	26
North Waziristan	-	-	-	-	17	-
South Waziristan	-	-	-	-	22	-
New distributors	6,495	6,102	399	12,993	-	-
KP	177,323	47,832	1,406	226,561	1,890	119.9

1. Peshawar and Mardan are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2013-14

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Harnai	5,608	898	-	6,506	-	-
Awaran	975	81	-	1,055	-	-
Chaman	-	-	-	-	-	-
Kech (Turbat)	1,321	104	-	1,425	-	-
Quetta	32,900	3,923	172	36,995	10	3,700
Pishin	14,554	1,669	110	16,332	24	681
Chagai	3,937	361	-	4,298	46	93
Kachhi (Bolan)	298	91	-	389	32	12
Mastung	938	87	2	1,026	27	38
Loralai	331	65	10	406	31	13
Zhob	497	21	1	518	14	37
Qila Saifullah	3,768	220	2	3,990	129	31
Qila Abdullah	1,451	207	25	1,683	10	168
Sibi	4,466	874	-	5,340	23	232
Kohlu	-	-	-	-	-	-
Dera Bugti	-	-	-	-	-	-
Ziarat	-	-	-	-	-	-
Nasirabad	3,854	823	2	4,679	-	-
Kalat	3,677	243	13	3,934	23	171
Jafarabad	13,488	2,718	51	16,257	247	66
Jhal Magsi	335	175	-	511	24	21
Barkhan	284	44	-	328	-	-
Khuzdar	5,024	1,003	29	6,056	80	76
Kharan	3,644	399	4	4,048	39	104
Lasbela	6,736	681	36	7,453	21	355
Panjgur	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-
Nushki	2,703	246	-	2,949	-	-
New distributors	977	7,904	571	9,453	-	-
Balochistan	111,771	22,851	1,028	135,650	1,120	121.1
Pakistan	3,184,532	880,891	23,667	4,089,090	22,750	179.7

1. Quetta and Pishin are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2014-15

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Nankana	24,935	5,523	117	30,574	293	104
Chiniot	30,652	8,531	552	39,735	288	138
Attock	4,009	524	-	4,533	229	20
Rawalpindi	15,958	3,412	45	19,416	228	85
Islamabad	184	-	-	184	26	7
Jhelum	880	203	6	1,090	98	11
Chakwal	1,121	436	-	1,557	248	6
Sargodha	44,072	9,847	427	54,346	692	79
Khushab	5,500	836	46	6,381	434	15
Mianwali	12,037	5,161	274	17,472	332	53
Bhakkar	32,485	7,440	266	40,191	827	49
Faisalabad	75,901	19,769	660	96,330	694	139
Toba Tek Singh	59,085	16,348	727	76,160	405	188
Jhang	88,517	21,480	597	110,594	669	165
Gujrat	11,385	2,994	49	14,427	294	49
Sialkot	27,364	8,757	196	36,317	430	85
Gujranwala	103,102	33,403	615	137,120	545	252
Narowal	33,943	13,452	418	47,812	306	156
Mandi Bahauddin	53,336	15,642	531	69,509	364	191
Hafizabad	28,108	7,675	223	36,006	340	106
Sheikhupura	51,944	15,672	533	68,150	523	130
Lahore	30,752	8,919	419	40,090	173	232
Kasur	67,875	22,155	810	90,840	526	173
Okara	141,741	27,475	1,019	170,236	629	271
Sahiwal	72,093	20,408	611	93,112	435	214
Multan	154,117	53,507	955	208,579	489	426
Khanewal	94,393	27,794	875	123,062	565	218
Vehari	113,927	37,987	1,217	153,130	635	241
Pakpattan	59,023	17,263	968	77,254	392	197
Lodhran	90,289	21,542	515	112,346	449	250
Muzaffar Garh	78,623	21,021	578	100,222	558	180
Layyah	63,483	14,258	431	78,172	488	160
Dera Ghazi Khan	78,407	26,489	294	105,190	323	326
Rajanpur	64,355	12,123	297	76,774	307	250
Bahawalpur	115,161	27,260	890	143,311	637	225
Rahim Yar Khan	176,035	48,247	1,240	225,523	779	290
Bhawalnagar	98,871	22,683	680	122,233	808	151
New distributors	48,329	107,473	4,962	160,764	-	-
Punjab	2,251,991	713,709	23,042	2,988,742	16,520	180.9

1. Multan is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2014-15

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Tando Allah Yar	20,308	4,425	584	25,316	76	333
Kashmore	26,874	4,186	23	31,083	136	228
Qamber Shahdad Kot	24,184	4,933	72	29,190	143	204
Tando Muhammad Khan	13,870	2,282	79	16,231	62	264
Matiari	26,472	5,197	303	31,972	94	342
Jamshoro	7,119	988	19	8,126	71	114
Malir	710	65	19	794	-	-
Khairpur	39,289	7,437	198	46,924	245	191
Jacobabad	16,505	2,475	42	19,023	119	159
Sukkur	37,545	7,526	158	45,229	102	443
Shikarpur	16,642	1,494	21	18,158	174	105
Shaheed Benazir Abad	65,241	13,903	538	79,682	137	582
Nowshero Feroz	70,629	16,810	537	87,976	181	485
Ghotki	89,888	16,017	327	106,232	212	501
Larkana	16,990	3,387	23	20,400	179	114
Sanghar	78,784	14,987	509	94,279	168	562
Dadu	22,952	4,745	97	27,793	116	239
Hyderabad	24,677	6,294	289	31,261	38	820
Badin	45,489	10,579	366	56,434	181	312
Mirpurkhas	73,406	16,324	604	90,334	120	754
Umerkot	8,775	1,879	56	10,710	68	158
Thatta	15,926	2,639	307	18,872	217	87
Karachi	39,462	24,385	60	63,907	13	4916
New distributors	5,886	8,652	987	15,525	-	-
Sind	787,622	181,608	6,219	975,449	3,220	302.9

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2014-15

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Shangla	1,906	633	-	2,540	50	51
Hangu	-	-	-	-	32	0
Mingora	262	35	-	298	-	-
Peshawar	24,147	5,509	30	29,685	73	406
Charsadda	9,268	2,220	98	11,587	73	160
Nowshera	4,847	1,238	40	6,125	45	135
Mardan	47,614	11,906	433	59,953	108	557
Swabi	5,383	907	94	6,384	95	67
Kohat	553	84	5	643	39	17
Karak	4,122	1,029	28	5,179	35	148
Mansehra	8,962	3,278	126	12,367	97	127
Abbotabad	2,714	799	-	3,513	30	117
Kohistan	73	4	-	76	28	3
Haripur	2,603	828	3	3,434	86	40
Battagram	341	30	-	372	26	14
Malakand	3,280	719	5	4,004	46	87
Swat	14,970	4,954	215	20,139	172	117
Dir	3,124	2,312	42	5,478	84	65
Buner	4,290	1,587	176	6,053	95	64
Chitral	-	-	-	0	23	-
Dera Ismail Khan	17,512	4,311	299	22,123	108	204
Tank	290	42	-	332	18	18
Bannu	4,151	4,199	211	8,561	32	265
Lakki Marwat	2,666	506	5	3,178	46	69
Mohmand	757	332	30	1,119	26	44
Khyber	431	161	-	592	18	33
Kurram	576	149	1	725	13	57
Orakzai	2	-	-	2	8	0
Bajour	707	166	10	882	68	13
North Waziristan	62	-	-	62	17	4
South Waziristan	168	-	-	168	22	8
New distributors	2373	6079	402	8,854	-	-
KP	168,154	54,018	2,255	224,427	1,890	118.7

1. Peshawar and Mardan are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2014-15

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	(tonnes)
						Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Harnai	4,693	1,399	-	6,092	-	-
Awaran	292	42	-	334	-	-
Chaman	-	-	-	-	-	-
Kech (Turbat)	788	73	25	886	-	-
Quetta	18,712	3,639	142	22,492	10	2,249
Pishin	12,179	2,351	229	14,760	24	615
Chaghi	6,450	1,000	17	7,466	46	162
Mastung	888	189	3	1,080	27	40
Loralai	6,389	782	42	7,213	31	233
Zhob	301	54	5	360	14	26
Q.s.ullah	1,050	181	17	1,247	129	10
Qila abdullah	1,194	114	17	1,324	10	132
Sibi	3,782	783	25	4,591	23	200
Kohlu	-	-	-	-	-	-
Dera Bugti	-	-	-	-	-	-
Ziarat	-	-	-	-	3	-
Nasirabad	2,509	544	15	3,067	-	-
Kachhi (Bolan)	1993	169	1	2163	32	68
Kalat	4,068	671	49	4,788	23	208
Jafarabad	11,247	3,233	79	14,559	247	59
Jhal Magsi	467	100	2	570	24	24
Barkhan	125	51	2	178	-	-
Khuzdar	6,394	2,559	49	9,002	80	113
Kharan	1,175	229	3	1,407	39	36
Lasbela	7,992	1,560	110	9,662	21	460
Panjgur	-	-	-	-	-	-
Gwadar	-	-	-	-	-	-
Nushki	1,272	212	8	1,492	-	-
New distributors	6,861	5,712	511	13,084	-	-
Balochistan	100,824	25,652	1,351	127,826	1,120	114.1
Pakistan	3,308,649	974,987	32,866	4,316,502	22,750	189.7

1. Quetta and Pishin are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2015-16

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Nankana	18,487	3,988	28	22,503	312	72
Chiniot	27,631	8,396	394	36,422	305	119
Attock	2,681	336	-	3,017	243	12
Rawalpindi	11,650	1,983	12	13,645	227	60
Islamabad	-	-	-	-	24	0
Jhelum	597	294	1	891	110	8
Chakwal	723	166	0	889	260	3
Sargodha	33,578	10,342	278	44,197	702	63
Khushab	5,430	1,011	6	6,447	440	15
Mianwali	12,696	4,056	218	16,970	363	47
Bhakkar	22,168	6,526	235	28,930	846	34
Faisalabad	60,404	15,983	242	76,630	699	110
Toba Tek Singh	47,717	16,786	356	64,860	426	152
Jhang	59,984	19,831	175	79,989	642	125
Gujrat	5,044	1,236	6	6,285	311	20
Sialkot	13,291	3,502	45	16,838	409	41
Gujranwala	67,970	14,319	321	82,611	534	155
Narowal	60,371	9,037	137	69,546	290	240
Mandi Bahauddin	40,259	9,224	311	49,795	321	155
Hafizabad	26,376	7,136	64	33,575	339	99
Sheikhupura	44,189	10,604	177	54,971	518	106
Lahore	23,904	5,969	276	30,148	170	178
Kasur	59,234	15,822	212	75,268	510	148
Okara	76,167	20,514	598	97,278	614	159
Sahiwal	47,552	18,725	286	66,563	448	149
Multan	132,534	64,041	451	197,026	470	419
Khanewal	59,744	22,465	386	82,595	546	151
Vehari	82,772	40,485	656	123,913	672	184
Pakpattan	44,764	13,346	471	58,582	417	141
Lodhran	55,712	23,862	128	79,702	458	174
Muzaffar Garh	68,788	22,171	318	91,277	672	136
Layyah	44,890	12,858	302	58,051	546	106
Dera Ghazi Khan	64,898	20,254	55	85,207	407	209
Rajanpur	48,748	13,010	103	61,861	412	150
Bahawalpur	89,626	30,212	490	120,327	648	186
Rahim Yar Khan	172,675	57,339	939	230,953	796	290
Bahawalnagar	69,735	20,927	175	90,837	832	109
New distributors	68,654	171,232	4,115	244,001	-	-
Punjab	1,771,646	717,987	12,966	2,502,598	16,510	151.6

1. Multan is a big fertilizer market and use may not depict true picture.

2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2015-16

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Tando Allah Yar	20,398	4,922	614	25,934	76	341
Kashmore	43,926	10,961	33	54,920	136	404
Qamber Shahdad Kot	10,949	2,047	56	13,052	143	91
Tando Muhammad Khan	21,044	7,100	273	28,417	62	462
Matiari	5,253	1,025	10	6,288	94	67
Jamshoro	272	18	5	296	71	4
Malir	25,923	8,723	74	34,720	-	-
Khairpur	14,147	4,504	12	18,663	245	76
Jacobabad	39,177	14,987	62	54,226	119	454
Sukkur	9,611	3,056	22	12,689	102	124
Shikarpur	61,157	17,134	504	78,795	174	454
Shaheed Benazir Abad	81,527	26,420	517	108,464	137	793
Nowshero Feroz	76,051	20,644	130	96,824	181	534
Ghotki	14,516	3,451	19	17,986	212	85
Larkana	68,678	17,636	416	86,730	179	485
Sanghar	1,380	-	-	1,380	168	8
Dadu	23,336	6,025	74	29,434	116	253
Hyderabad	31,704	9,029	239	40,972	38	1074
Badin	44,607	10,597	412	55,616	181	307
Mirpurkhas	62,203	20,699	584	83,486	120	697
Umerkot	6,969	1,796	81	8,846	68	131
Thatta	10,890	1,885	231	13,006	217	60
Karachi	34,214	18,533	55	52,802	13	4062
New distributors	7,465	15,712	542	23,719	-	-
Sind	715,396	226,904	4,966	947,265	3,220	294.2

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2015-16

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Shangla	1,736	873	-	2,609	50	52
Hangu	28	28	-	56	32	2
Peshawar	16,183	2,493	-	18,675	73	255
Charsadha	8,052	1,274	7	9,333	73	129
Nowshera	2,399	363	0.2	2,762	45	61
Mardan	29,845	6,624	195	36,663	108	341
Swabi	4,870	1,084	271	6,225	95	65
Kohat	1,312	611	-	1,922	39	50
Karak	1,725	48	-	1,773	35	51
Mansehra	6,853	1,448	187	8,487	97	87
Abbotabad	1,648	593	-	2,241	30	75
Kohistan	10	2	-	12	28	0
Haripur	1,035	397	-	1,431	86	17
Battagram	209	91	-	300	26	11
Malakand	3,136	345	-	3,481	46	75
Swat	20,777	2,021	-	22,798	172	133
Dir	4,604	893	-	5,497	84	65
Buner	859	228	168	1,255	95	13
Chitral	33	33	-	66	23	3
Dera Ismail Khan	15,324	4,539	139	20,002	108	184
Tank	138	76	-	214	18	12
Bannu	2,479	580	11	3,070	32	95
Lakki Marwat	1,962	445	-	2,407	46	52
Mohmand	257	82	-	339	26	13
Khyber	302	26	-	328	18	18
Kurram	339	21	-	360	13	28
Orakzai	-	-	-	-	8	0
Bajour	1,455	264	-	1,719	68	25
North Waziristan	11	26	-	36	17	2
South Waziristan	-	-	-	-	22	-
New distributors	5635	13793	211	19,639	-	-
KP	133,212	39,302	1,189	173,704	1,880	92.4

1. Peshawar and Mardan are big fertilizer markets and use may not depict true picture.

2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2015-16

District	(tonnes)					
	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Harnai	461	389	-	850	6	136
Awaran	219	14	-	233	23	10
Chaman	-	-	-	-	-	-
Kech (Turbat)	-	-	-	-	44	-
Quetta	4,339	2,439	85	6,863	9	743
Pishin	4,665	1,209	261	6,135	25	244
Chaghi	1097	825	-	1922	6	320
Mastung	194	24	-	218	22	10
Loralai	1,858	606	3	2,466	30	81
Zhob	125	28	0	153	16	10
Qila Saifullah	209	20	8	237	94	3
Qila Abdullah	79	10	8	97	9	10
Sibi	1,269	400	-	1,669	22	75
Kohlu	-	-	-	-	4	-
Dera Bugti	-	-	-	-	28	-
Ziarat	-	-	-	-	5	-
Nasirabad	2,985	1,341	-	4,327	188	23
Kachhi (Bolan)	262	140	0	401	32	13
Kalat	1,215	309	19	1,543	19	82
Jafarabad	15,427	5,452	5	20,883	217	96
Jhal Magsi	1,221	319	1	1,540	65	24
Barkhan	83	14	-	98	19	5
Khuzdar	3,750	802	104	4,656	64	72
Kharan	406	43	1	450	15	29
Lasbela	8,478	1,379	254	10,111	46	222
Panjgur	-	-	-	-	27	-
Gwadar	-	-	-	-	2	-
Nushki	412	218	-	629	14	44
New distributors	2,891	7,153	178	10,222	-	-
Balochistan	51,645	23,133	925	75,703	1,060	71.4
Pakistan	2,671,899	1,007,325	20,046	3,699,271	22,670	163.2

1. Quetta is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2016-17

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	5,856	1,013	-	6,870	243	28
Bahawalpur	138,098	50,457	549	189,105	648	292
Bhakkar	24,578	10,012	198	34,788	846	41
Bahawalnagar	104,421	33,773	399	138,592	832	167
Chakwal	1,182	403	-	1,584.30	260	6
Chiniot	38,349	15,532	585	54,466	305	179
Dera Ghazi Khan	97,800	23,633	69	121,502	407	299
Faisalabad	75,182	24,699	443	100,324	699	144
Gujranwala	103,413	26,950	227	130,590	534	245
Gujrat	14,468	2,919	83	17,470	311	56
Hafizabad	40,478	12,058	183	52,718	339	156
Islamabad	-	-	-	-	24	0
Jhang	75,685	29,311	331	105,327	642	164
Jhelum	1,463	389	1	1,854	110	17
Kasur	90,096	23,325	205	113,626	510	223
Khanewal	87,478	35,042	330	122,850	546	225
Khushab	7,798	2,686	56	10,540	440	24
Lahore	34,478	9,113	226	43,817	170	258
Layyah	62,264	17,548	298	80,110	546	147
Lodran	94,147	31,020	216	125,384	458	274
Mandi Bahauddin	66,934	13,852	301	81,086	321	253
Muzaffar Garh	87,034	25,016	309	112,359	672	167
Mianwali	14,672	5,672	290	20,634	363	57
Multan	170,886	53,469	715	225,069	470	479
Nankana	18,760	6,701	60	25,521	312	82
Narowal	137,689	18,921	121	156,732	290	540
Okara	81,967	31,734	1,120	114,821	614	187
Pakpattan	72,234	24,362	527	97,123	417	233
Rahim Yar Khan	183,382	56,121	1,118	240,621	796	302
Rajanpur	78,753	17,862	134	96,748	412	235
Rawalpindi	22,777	3,598	5	26,380	227	116
Sahiwal	105,827	29,119	387	135,333	448	302
Sargodha	42,667	16,330	467	59,464	702	85
Sheikhupura	82,920	19,520	191	102,632	518	198
Sialkot	18,787	4,194	128	23,109	409	57
Toba Tek Singh	50,572	18,730	619	69,921	426	164
Vehari	129,391	50,587	576	180,554	672	269
New distributors	74,427	184,222	19,608	278,257	-	-
Punjab	2,536,914	929,893	31,071	3,497,879	16,510	211.9

1. Multan and Narowal are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2016-17

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	55,424	24,500	456	80,379	181	444
Dadu	29,672	6,935	92	36,699	116	316
Ghotki	59,931	17,837	119	77,886	212	-
Hyderabad	37,264	9,965	224	47,453	38	1249
Jacobabad	16,178	4,601	20	20,799	119	175
Jamshoro	7,189	1,138	4	8,330	71	117
Karachi	28,415	7,925	27	36,367	13	2797
Kashmore	41,703	7,277	54	49,034	136	-
Khairpur	46,569	9,349	45	55,964	245	228
Larkana	22,719	3,905	26	26,650	179	149
Malir	407	157	14	578	-	0
Mirpurkhas	89,404	24,403	677	114,484	120	954
Matiali	43,430	18,127	437	61,995	94	660
Noshero Feroz	88,068	26,379	373	114,819	181	634
Shaheed Benazir Abad	81,994	18,392	827	101,212	137	739
Sanghar	93,341	19,755	749	113,846	168	678
Qamber Shahdad Kot	27,121	2,750	15	29,885	143	209
Shikarpur	19,400	2,767	25	22,191	174	128
Sukkur	52,584	11,013	51	63,647	102	624
Tando Allah Yar	22,824	5,712	859	29,396	76	387
Tharparkar	-	-	-	-	-	-
Thatta	22,497	3,601	330	26,427	217	122
Tando Muhammad Khan	18,452	3,854	69	22,375	62	361
Umerkot	7,697	1,860	30	9,587	68	141
New distributors	11,932	22,857	1,056	35,845	-	-
Sindh	924,214	255,056	6,576	1,185,846	3,220	368.3

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2016-17

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	1,270	534	-	1,805	30	60
Bajaur agency	2,448	946	-	3,394	68	50
Bannu	3,219	1,006	0.4	4,225	32	132
Battagram	181	2	-	183	26	7
Buner	888	248	195	1,331	95	14
Charsadha	19,958	3,049	28	23,034	73	316
Chitral	-	-	-	-	23	0
Dera Ismail Khan	18,571	6,590	292	25,453	108	236
Dir	6,476	1,379	-	7,854	84	94
Hangu	21	12	-	32	32	1
Haripur	1,519	905	-	2,424	86	28
Karak	19	14	-	33	35	1
Khyber agency	669	70	-	739	18	41
Kohat	2,604	745	-	3,349	39	86
Kohistan	29	1	-	30	28	1
Kurram agency	273	-	-	273	13	21
Lakki Marwat	2,479	758	-	3,237	46	70
Malakand	2,489	741	1	3,231	46	70
Mansehra	7,834	1,603	169	9,606	97	99
Mardan	27,583	6,591	605	34,778	108	322
Mohmand agency	425	91	-	516	26	20
North Waziristan	-	-	-	-	17	0
Nowshera	3,004	450	0.2	3,454	45	77
Orakzai agency	-	-	-	-	8	0
Peshawar	15,562	4,383	1	19,947	73	273
South Waziristan	-	-	-	-	22	0
Shangla	9,974	2,993	-	12,968	50	259
Swabi	8,724	1,032	275	10,030	95	106
Swat	32,114	7,319	3	39,436	172	229
Tank	286	130	-	416	18	19
New distributors	3964	8512	851	13,327	-	-
KP	172,583	50,102	2,420	225,104	1,880	119.7

1. Mardan is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2016-17

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Awaran	775	55	-	830	23	36
Barkhan	235	33	-	268	19	14
Kachhi (Bolan)	587	167	-	754	32	24
Chaghi	487	83	1	570	6	95
Dera Bugti	-	-	-	-	28	-
Gwadar	-	-	-	-	2	-
Harnai	838	19	-	857	6	143
Jafarabad	27,704	7,278	40	35,022	217	161
Jhal Magsi	4,491	960	-	5,451	65	84
Kalat	2,794	717	29	3,539	19	186
Kech (Turbat)	-	-	-	-	44	-
Kharan	1,336	103	-	1,439	15	96
Khuzdar	14,648	1,321	110	16,079	64	251
Kohlu	-	-	-	-	4	-
Lasbela	14,597	2,199	215	17,011	46	370
Loralai	2,105	651	3	2,759	30	92
Mastung	145	1	-	146	22	7
Nasirabad	5,263	1,896	19	7,178	188	38
Nushki	270	18	-	288	14	21
Panjgur	-	-	-	-	27	-
Pishin	5,244	1,904	432	7,580	25	303
Qila Saifullah	1,036	257	8	1,301	94	14
Qila Abdullah	37	37	-	74	9	8
Quetta	5,869	2,370	93	8,333	9	926
Sibi	2,414	933	3	3,349	22	152
Zhob	107	26	-	132	16	8
Ziarat	0.2	0.5	-	1	5	0.1
New Distributors	4,958	12,689	422	18,069	-	-
Balochistan	95,941	33,717	1,374	131,031	1,060	123.6
Pakistan	3,729,778	1,268,897	41,441	5,040,117	22,670	222.3

1. Quetta is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2017-18

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	5,943	1,697	-	7,641	242	32
Bahawalpur	137,094	47,153	698	184,946	693	267
Bhakkar	23,778	7,035	113	30,926	836	37
Bahawalnagar	97,421	33,479	505	131,405	829	159
Chakwal	1,779	892	-	2,670.44	260	10
Chiniot	40,755	14,766	505	56,026	297	189
Dera Ghazi Khan	90,946	30,186	107	121,239	418	290
Faisalabad	73,474	26,198	270	99,943	685	146
Gujranwala	93,933	32,289	353	126,575	533	237
Gujrat	12,197	3,534	161	15,892	311	51
Hafizabad	45,083	16,368	330	61,780	338	183
Islamabad	-	-	-	-	24	0
Jhang	75,489	28,075	373	103,937	634	164
Jhelum	1,416	220	56	1,693	110	15
Kasur	71,261	23,776	397	95,434	501	190
Khanewal	105,007	39,298	728	145,033	521	278
Khushab	6,428	2,178	21	8,627	479	18
Lahore	29,964	9,753	287	40,004	167	240
Layyah	63,821	16,610	307	80,738	535	151
Lodran	91,036	30,262	263	121,560	455	267
Mandi Bahauddin	51,135	17,151	435	68,720	306	225
Muzaffar Garh	97,215	29,560	500	127,275	665	191
Mianwali	15,060	4,101	103	19,264	360	54
Multan	148,371	55,371	812	204,554	433	472
Nankana	27,133	7,854	34	35,020	305	115
Narowal	43,232	12,817	103	56,151	289	194
Okara	106,902	29,837	1,606	138,344	607	228
Pakpattan	77,761	24,775	906	103,443	414	250
Rahim Yar Khan	187,964	58,069	2,026	248,059	776	320
Rajanpur	72,469	19,908	161	92,538	411	225
Rawalpindi	15,066	3,274	1	18,341	227	81
Sahiwal	82,307	31,288	685	114,280	433	264
Sargodha	44,707	15,833	939	61,479	555	111
Sheikhupura	65,519	23,790	117	89,426	505	177
Sialkot	20,621	7,347	300	28,268	407	69
Toba Tek Singh	52,253	19,313	633	72,199	401	180
Vehari	120,008	50,806	975	171,789	661	260
New distributors	59,007	149,943	21,361	230,311	-	-
Punjab	2,353,554	924,804	37,171	3,315,529	16,623	199.5

1. Multan is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Punjab Development Statistics, 2017.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2017-18

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	56,545	28,421	382	85,348	307	278
Dadu	34,756	12,038	8	46,802	147	318
Ghotki	67,569	19,746	129	87,443	253	346
Hyderabad	35,017	10,515	213	45,745	45	1017
Jacobabad	18,986	5,721	120	24,826	129	192
Jamshoro	8,617	2,471	26	11,114	70	159
Karachi	30,721	8,022	105	38,848	7	5550
Kashmore	33,396	11,620	4	45,020	134	336
Khairpur	36,878	11,182	61	48,120	270	178
Larkana	26,849	6,522	56	33,427	179	187
Malir	409	42	21	472	-	0
Mirpurkhas	69,986	20,440	754	91,181	207	440
Matiali	32,812	12,433	558	45,803	126	364
Noshero Feroz	106,490	31,345	545	138,380	187	740
Shaheed Benazir Abad	65,554	15,834	780	82,168	212	388
Sanghar	93,230	25,951	920	120,102	295	407
Qamber Shahdad Kot	28,058	6,205	99	34,362	152	226
Shikarpur	11,215	2,696	31	13,943	163	86
Sukkur	37,218	8,850	27	46,096	101	456
Tando Allah Yar	16,059	5,537	968	22,564	105	215
Tharparkar	-	-	-	-	155	-
Thatta	14,307	3,225	219	17,750	192	92
Tando Muhammad Khan	16,117	3,241	97	19,455	64	304
Umerkot	5,534	1,458	42	7,033	102	69
New distributors	5,774	12,428	2,144	20,346	-	-
Sindh	852,099	265,942	8,308	1,126,349	3,602	312.7

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Sindh, 2017

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2017-18

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	725	201	-	925	59	16
Bajaur agency	2,881	1,469	2	4,352	68	64
Bannu	3,221	1,001	-	4,222	33	129
Battagram	60	1	-	61	28	2
Buner	1,021	316	174	1,511	104	15
Charsadda	8,094	2,096	23	10,213	97	106
Chitral	-	-	-	-	27	0
Dera Ismail Khan	14,890	5,744	167	20,800	148	141
Dir	4,242	1,183	-	5,425	124	44
F.R. Peshawar	93	237	-	329	6	55
Hangu	10	7	-	17	34	0
Haripur	900	531	-	1,432	84	17
Karak	22	21	-	43	31	1
Khyber agency	298	41	-	339	18	19
Kohat	2,357	761	-	3,117	64	49
Kohistan	-	-	-	-	29	0
Kurram agency	498	44	-	542	13	42
Lakki Marwat	2,113	616	-	2,729	38	73
Malakand	3,664	1,728	25	5,416	50	108
Mansehra	7,394	2,067	132	9,593	103	93
Mardan	23,392	8,117	948	32,456	115	281
Mohmand agency	300	102	-	402	26	15
North Waziristan agency	-	-	-	-	17	0
Nowshera	2,617	870	-	3,487	61	57
Orakzai agency	-	-	-	-	8	0
Peshawar	18,184	5,064	39	23,287	75	310
South Waziristan agency	-	-	-	-	22	0
Shangla	2,843	1,787	-	4,629	79	59
Swabi	8,317	1,031	705	10,054	89	113
Swat	14,440	7,478	4	21,922	180	122
Tank	299	158	-	457	15	21
New distributors	2100	3926	516	6,542	-	-
KP	124,973	46,596	2,734	174,304	1,863	93.6

1. Peshawar and Mardan are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Khyber Pakhtunkhwa, 2018.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2017-18

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Awaran	3,475	124	-	3,599	26	138
Barkhan	215	47	-	262	18	14
Kachhi (Bolan)	370	197	-	567	24	24
Chaghi	483	83	1	567	6	92
Dera Bugti	-	-	-	-	26	-
Gwadar	-	-	-	-	3	-
Harnai	372	41	2	414	6	65
Jafarabad	26,764	15,748	20	42,533	218	195
Jhal Magsi	6,641	2,144	25	8,810	69	128
Kalat	1,482	392	43	1,917	19	102
Kech (Turbat)	87	17	20	123	43	3
Kharan	4,629	518	8	5,154	15	333
Khuzdar	10,617	1,566	161	12,344	65	190
Kohlu	-	-	-	-	4	-
Lasbela	19,199	2,002	265	21,467	41	525
Loralai	1,100	326	11	1,436	31	47
Mastung	108	12	-	120	22	6
Musakhel	-	-	-	-	8	-
Nasirabad	7,718	3,389	64	11,171	188	59
Nushki	154	12	-	166	15	11
Panjgur	-	-	-	-	26	-
Pishin	5,494	2,516	497	8,507	24	350
Qila Saifullah	826	205	16	1,047	89	12
Qila Abdullah	445	17	17	478	9	51
Quetta	6,814	3,005	221	10,040	9	1,100
Shirani	-	-	-	-	3	-
Sibi	3,688	1,372	-	5,060	22	229
Washuk	-	-	-	-	9	-
Zhob	101	12	-	113	16	7
Ziarat	-	-	-	-	5	-
New Distributor	3,092	7,393	352	10,837	-	-
Balochistan	103,873	41,138	1,722	146,734	1,059	138.6
Pakistan	3,434,818	1,278,606.79	49,936	4,763,361	23,147	205.8

1. Quetta is big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Balochistan, 2015-16.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2018-19

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	7,736	2,038	27	9,801	242	40
Bahawalpur	140,910	49,343	1,145	191,397	693	276
Bhakkar	22,907	8,001	271	31,180	836	37
Bahawal nagar	110,954	31,657	1,004	143,616	829	173
Chakwal	1,656	729	-	2,385	260	9
Chiniot	36,152	12,377	1,236	49,765	297	168
Dera Ghazi Khan	74,599	24,070	127	98,796	418	236
Faisalabad	66,850	20,351	1,198	88,399	685	129
Gujranwala	110,990	34,946	1,181	147,117	533	276
Gujrat	8,566	3,537	59	12,162	311	39
Hafizabad	47,559	14,112	543	62,215	338	184
Islamabad	-	-	-	-	24	0
Jhang	73,396	22,072	634	96,101	634	152
Jhelum	723	332	3	1,058	110	10
Kasur	64,065	21,101	936	86,103	501	172
Khanewal	96,714	37,609	1,504	135,828	521	261
Khushab	4,091	1,454	30	5,575	479	12
Lahore	33,226	12,417	589	46,231	167	277
Layyah	52,940	15,100	1,011	69,050	535	129
Lodran	110,699	28,727	618	140,044	455	308
Mandi Bahauddin	56,117	15,900	525	72,541	306	237
Muzaffar Garh	94,327	27,295	842	122,463	665	184
Mianwali	12,560	4,468	235	17,263	360	48
Multan	141,267	52,236	1,691	195,194	433	451
Nankana	26,361	7,731	117	34,209	305	112
Narowal	63,550	14,508	412	78,470	289	272
Okara	102,171	29,721	2,125	134,018	607	221
Pakpattan	69,198	26,963	883	97,043	414	234
Rahim Yar Khan	189,141	64,215	2,223	255,579	776	329
Rajanpur	64,948	18,020	275	83,243	411	203
Rawalpindi	16,391	3,365	26	19,782	227	87
Sahiwal	77,461	26,386	774	104,622	433	242
Sargodha	37,122	12,801	886	50,809	555	92
Sheikhupura	60,095	21,278	709	82,081	505	163
Sialkot	22,193	7,709	499	30,400	407	75
Toba Tek Singh	52,253	18,394	979	71,625	401	179
Vehari	138,251	43,956	1,833	184,040	661	278
New distributors	35,244	75,467	11,839	122,550	-	-
Punjab	2,323,383	810,383	38,989	3,172,755	16,930	187.4

1-Multan is a big fertilizer market and use may not depict true picture.

2- Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

3) Cropped area is taken from Punjab Development Statistics, 2017.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2018-19

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	53,789	20,662	574	75,024	327	229
Dadu	32,112	8,660	14	40,785	154	265
Ghotki	72,591	24,583	346	97,520	266	367
Hyderabad	35,201	12,630	277	48,107	45	1069
Jacobabad	17,228	5,604	135	22,967	131	175
Jamshoro	7,713	2,152	3	9,868	76	130
Karachi	23,677	11,267	187	35,132	4	8783
Kashmore	38,432	10,729	49	49,210	138	357
Khairpur	32,533	8,099	214	40,847	274	149
Larkana	22,861	8,330	29	31,220	177	176
Malir	361	5	2	368	-	-
Mirpurkhas	75,049	22,584	931	98,564	206	478
Matiari	32,108	10,260	613	42,981	124	347
Noshero Feroz	93,744	35,281	789	129,814	191	680
Shaheed Benazir Abad	71,753	16,925	861	89,539	217	413
Sanghar	99,869	20,521	986	121,377	295	411
Qamber Shahdad Kot	21,995	7,031	149	29,175	153	191
Shikarpur	12,417	3,140	38	15,595	163	96
Sujawal	1,356	140	-	1,496	-	-
Sukkur	42,263	11,004	133	53,400	103	518
Tando Allah Yar	22,895	7,527	1,187	31,610	104	304
Tharparkar	-	-	-	-	155	-
Thatta	13,140	3,105	334	16,579	194	85
Tando Muhammad khan	15,897	2,100	54	18,051	72	251
Umerkot	4,984	1,266	105	6,354	112	57
New distributors	5,855	10,600	960	17,415	-	-
SIND	849,824	264,204	8,969	1,122,997	3,600	312

1-Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
 2- Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
 3) Cropped area is taken from Development Statistics of Sindh, 2018.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2018-19

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	1,000	209	5	1,215	59	21
Bajaur agency	2,111	815	11	2,936	70	42
Bannu	2,059	931	5	2,994	42	72
Battagram	67	1	0	69	28	3
Buner	979	470	483	1,932	104	19
Charsadda	6,330	1,422	156	7,908	97	82
Chitral	14	14	-	28	27	1
Dera Ismail Khan	13,877	5,232	711	19,820	157	126
Dir	3,522	1,122	-	4,645	124	37
Hangu	-	-	-	-	34	0
Haripur	979	331	13	1,323	84	16
Karak	11	9	-	20	31	1
Khyber agency	44	14	-	58	24	2
Kohat	1,577	434	3	2,013	67	30
Kohistan	8	7	-	15	29	1
Kurram agency	755	145	-	900	19	48
Lakki Marwat	1,293	502	3	1,798	38	48
Malakand	4,073	1,041	4	5,119	50	102
Mansehra	2,782	737	350	3,869	103	38
Mardan	22,360	5,717	547	28,624	115	248
Mohmand agency	159	53	-	212	28	8
North Waziristan agency	-	-	-	-	15	0
Nowshera	4,826	579	14	5,419	61	89
Orakzai agency	-	-	-	-	12	0
Peshawar	21,603	5,594	105	27,302	82	333
South Waziristan agency	7	7	-	14	22	1
Shangla	10,136	2,782	41	12,959	79	164
Swabi	8,121	837	440	9,398	89	105
Swat	21,867	6,925	517	29,310	180	163
Tank	82	62	-	144	15	7
New distributors	3140	4590	183	7,913	-	-
KP	133,781	40,583	3,591	177,955	1,860	95.7

1. Peshawar and Mardan are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Khyber Pakhtunkhwa, 2019.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2018-19

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Awaran	1,726	34	-	1,760	27	66
Barkhan	256	55	2	313	20	16
Kachhi (Bolan)	319	114	-	433	24	18
Chaghi	844	140	5	989	7	133
Dera Bugti	-	-	-	-	27	-
Gwadar	-	-	-	-	3	-
Harnai	647	107	7	761	6	119
Jafarabad	19,190	5,298	45	24,532	216	114
Jhal Magsi	4,847	1,324	30	6,201	70	88
Kalat	802	213	59	1,074	17	64
Kech (Turbat)	-	-	-	-	42	-
Kharan	5,070	1,474	32	6,576	17	397
Khuzdar	15,248	2,467	282	17,997	71	253
Kohlu	-	-	-	-	4	-
Lasbela	20,867	4,103	284	25,254	40	636
Loralai	265	80	6	350	31	11
Mastung	-	-	-	-	17	-
Musakhel	-	-	-	-	6	-
Nasirabad	7,623	2,573	3	10,199	191	53
Nushki	149	13	-	162	15	11
Panjkur	-	-	-	-	26	-
Pishin	5,646	2,161	680	8,488	25	346
Qila Saifullah	742	131	3	876	87	10
Qila Abdullah	39	39	14	92	12	8
Quetta	6,022	2,684	81	8,787	9	973
Shirani	-	-	-	-	2	-
Sibi	3,709	624	10	4,343	22	194
Washuk	-	-	-	-	9	-
Zhob	975	133	-	1,108	16	68
Ziarat	-	-	-	-	5	-
New Distributor	5,426	14,206	288	19,920	-	-
Balochistan	100,411	37,975	1,831	140,216	1,060	132.3
Pakistan	3,407,676	1,153,342	53,374	4,614,399	23,450	196.8

1. Quetta is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Balochistan, 2016-17.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2019-20

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	13,064	3,098	31	16,193	216	75
Bahawalpur	125,576	43,793	1,224	170,593	726	235
Bhakkar	22,472	7,826	376	30,674	816	38
Bahawal Nagar	104,106	28,913	990	134,009	800	168
Chakwal	1,733	930	1	2,664	263	10
Chiniot	41,241	12,936	1,253	55,430	300	185
Dera Ghazi Khan	61,720	15,396	192	77,308	386	200
Faisalabad	78,732	20,400	909	100,041	667	150
Gujranwala	109,695	25,362	1,100	136,157	520	262
Gujrat	12,426	3,569	140	16,134	294	55
Hafizabad	47,487	11,804	442	59,733	356	168
Islamabad	-	-	-	-	23	0
Jhang	77,267	20,660	688	98,614	631	156
Jhelum	813	203	-	1,016	106	10
Kasur	70,528	18,708	508	89,743	505	178
Khanewal	80,254	25,612	906	106,772	524	204
Khushab	5,132	1,489	82	6,703	457	15
Lahore	38,768	9,623	585	48,976	163	300
Layyah	49,486	11,120	509	61,115	558	110
Lodran	103,819	24,147	629	128,595	439	293
Mandi Bahauddin	49,294	14,677	457	64,428	326	197
Muzaffar Garh	87,760	26,181	748	114,688	666	172
Mianwali	16,301	4,657	127	21,085	326	65
Multan	133,964	43,833	1,043	178,840	494	362
Nankana	35,283	7,997	147	43,427	313	139
Narowal	64,798	11,660	277	76,735	265	290
Okara	107,471	26,418	1,955	135,844	629	216
Pakpattan	57,095	17,623	1,058	75,776	407	186
Rahim Yar Khan	197,530	57,437	2,166	257,134	820	314
Rajanpur	60,601	14,040	43	74,685	446	168
Rawalpindi	17,086	4,196	43	21,325	219	97
Sahiwal	71,447	23,045	769	95,260	433	220
Sargodha	39,767	13,921	1,240	54,928	671	82
Sheikhupura	64,852	15,188	315	80,355	531	151
Sialkot	20,952	5,483	310	26,745	372	72
Toba Tek Singh	50,054	17,595	1,209	68,859	411	168
Vehari	113,875	39,518	1,378	154,771	584	265
New distributors	57,694	122,760	14,382	194,836	-	-
Punjab	2,290,141	751,819	38,231	3,080,191	16,930	181.9

1. Multan is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Punjab Development Statistics, 2019.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2019-20

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	49,944	8,985	588	59,517	327	182
Dadu	28,988	6,193	84	35,264	154	229
Ghotki	69,267	17,984	156	87,406	266	329
Hyderabad	36,922	10,529	324	47,775	45	1,062
Jacobabad	23,390	4,525	126	28,041	131	214
Jamshoro	7,470	890	11	8,371	76	110
Karachi	29,441	13,862	69	43,372	4	10,843
Kashmore	23,505	5,267	16	28,787	138	209
Khairpur	31,218	8,051	96	39,365	274	144
Larkana	33,836	6,163	17	40,016	177	226
Malir	23	-	-	23	-	0
Mirpurkhas	77,979	25,108	1,132	104,220	206	506
Matiali	28,918	11,792	602	41,312	124	333
Noshero Feroz	95,480	32,127	506	128,113	191	671
Shaheed Benazir Abad	58,823	16,115	724	75,662	217	349
Sanghar	91,913	21,704	726	114,343	295	388
Qamber Shahdad Kot	23,526	5,739	126	29,390	153	192
Shikarpur	9,683	1,671	43	11,397	163	70
Sujawal	6,161	1,305	6	7,472	-	-
Sukkur	36,184	9,261	65	45,510	103	442
Tando Allah Yar	14,722	5,334	834	20,891	104	201
Tharparkar	442	46	-	488	155	3
Thatta	15,257	4,903	249	20,410	194	105
Tando Muhammad Khan	17,793	3,168	41	21,002	72	292
Umerkot	9,503	2,320	89	11,912	112	106
New distributors	11,490	15,009	716	27,215	-	-
Sindh	831,880	238,049	7,346	1,077,275	3,600	299

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Sindh, 2018.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2019-20

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	725	50	7	782	59	13
Bajaur agency	1,631	534	9	2,173	70	31
Bannu	2,931	1,096	21	4,048	42	97
Battagram	137	-	-	137	28	5
Buner	2,664	563	337	3,563	104	34
Charsadda	5,662	1,459	103	7,224	97	75
Chitral	-	-	-	-	27	0
Dera Ismail Khan	14,133	3,944	521	18,598	157	119
Dir	6,755	1,366	-	8,122	124	65
Hangu	-	-	-	-	34	0
Haripur	766	98	8	872	84	10
Karak	8	4	-	12	31	0
Khyber agency	545	190	-	734	24	30
Kohat	1,420	395	-	1,815	67	27
Kohistan	-	-	-	-	29	0
Kurram agency	796	145	-	942	19	50
Lakki Marwat	1,539	459	8	2,006	38	53
Malakand	5,233	1,645	7	6,885	50	138
Mansehra	3,225	586	251	4,062	103	40
Mardan	22,035	6,287	674	28,996	115	251
Mohmand agency	284	38	-	322	28	12
North Waziristan	-	-	-	-	15	0
Nowshera	5,038	432	1	5,471	61	90
Orakzai agency	-	-	-	-	12	0
Peshawar	25,391	4,412	27	29,829	82	364
South Waziristan	-	-	-	-	22	0
Shangla	14,093	4,153	90	18,336	79	232
Swabi	6,641	467	321	7,429	89	83
Swat	24,718	6,510	261	31,489	180	175
Tank	85	-	-	85	15	4
New distributors	4247	9068	214	13,529	-	-
KP	150,702	43,898	2,858	197,459	1,860	106.2

1. Peshawar is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Khyber Pakhtunkhwa, 2019.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2019-20

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALOCHISTAN						
Awaran	36,977	3,929	-	40,907	27	1,529
Barkhan	317	66	-	383	20	19
Kachhi (Bolan)	374	160	-	534	24	22
Chaghi	429	69	4	502	9	55
Dera Bugti	31	11	-	42	27	2
Gwadar	23	-	-	23	2	9
Harnai	786	313	-	1,099	6	170
Jafarabad	21,800	5,525	19	27,343	216	127
Jhal Magsi	6,259	1,549	19	7,827	66	118
Kalat	1,008	347	67	1,423	16	90
Kech (Turbat)	689	-	-	689	39	18
Kharan	6,141	752	23	6,916	21	334
Khuzdar	7,151	1,548	110	8,808	71	123
Kohlu	-	-	-	-	3	-
Lasbela	19,404	5,761	300	25,465	40	636
Loralai	280	53	5	338	30	11
Mastung	-	-	-	-	14	-
Musakhel	-	-	-	-	6	-
Nasirabad	7,738	3,042	3	10,783	194	56
Nushki	155	21	-	176	15	12
Panjgur	-	-	-	-	26	-
Pishin	7,010	2,619	505	10,134	25	409
Qila Saifullah	1,176	316	41	1,533	82	19
Qila Abdullah	5	5	6	16	12	1
Quetta	9,755	5,043	87	14,886	9	1,719
Shirani	-	-	-	-	2	-
Sibi	2,645	910	-	3,555	22	163
Sohbatpur	239	31	-	270	-	-
Washuk	33	-	-	33	12	3
Zhob	1,213	151	1	1,365	16	84
Ziarat	-	-	-	-	3	-
New Distributors	10,156	17,664	566	28,386	-	-
Balochistan	141,794	49,886	1,755	193,435	1,060	182.5
Pakistan	3,414,657	1,083,720	50,190	4,548,569	23,450	194.0

1. Quetta is a big fertilizer market and use may not depict true picture.

2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

3. Cropped area is taken from Development Statistics of Balochistan, 2017-18.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2020-21

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	14,542	2,564	148	17,254	216	80
Bahawalpur	137,659	43,090	1,304	182,053	726	251
Bhakkar	28,673	9,146	676	38,496	816	47
Bahawal nagar	117,591	31,961	965	150,517	800	188
Chakwal	987	710	-	1,697	263	6
Chiniot	49,658	12,839	1,662	64,159	300	214
Dera Ghazi Khan	87,753	20,624	325	108,703	386	281
Faisalabad	88,157	24,713	1,340	114,211	667	171
Gujranwala	113,355	26,071	1,144	140,570	520	270
Gujrat	14,169	2,777	283	17,229	294	59
Hafizabad	51,928	12,176	511	64,615	356	181
Islamabad	-	-	-	-	23	0
Jhang	72,560	23,653	1,216	97,429	631	154
Jhelum	813	212	26	1,051	106	10
Kasur	78,169	21,871	618	100,658	505	199
Khanewal	96,073	33,923	1,539	131,535	524	251
Khushab	5,394	1,466	125	6,985	457	15
Lahore	43,484	9,862	439	53,784	163	329
Layyah	57,837	12,089	566	70,492	558	126
Lodran	84,972	28,950	743	114,665	439	261
Mandi Bahauddin	46,246	13,160	878	60,284	326	185
Muzaffar Garh	107,007	29,021	870	136,899	666	205
Mianwali	16,342	4,148	200	20,690	326	63
Multan	174,670	51,683	1,940	228,293	494	462
Nankana	37,475	8,213	235	45,923	313	147
Narowal	67,276	13,268	176	80,720	265	305
Okara	131,377	33,189	2,711	167,278	629	266
Pakpattan	73,306	23,499	1,458	98,263	407	241
Rahim Yar Khan	194,049	57,189	2,641	253,879	820	310
Rajanpur	58,830	17,201	216	76,248	446	171
Rawalpindi	19,528	3,291	46	22,865	219	105
Sahiwal	81,141	26,433	823	108,398	433	250
Sargodha	52,562	14,900	1,675	69,138	671	103
Sheikhupura	75,930	19,647	600	96,177	531	181
Sialkot	27,067	5,649	426	33,142	372	89
Toba Tek Singh	66,703	20,783	1,389	88,875	411	216
Vehari	146,377	45,746	2,520	194,643	584	334
New distributors	80,582	176,301	20,413	277,296	-	-
Punjab	2,600,244	882,020	52,849	3,535,113	17,600	200.9

1 Multan is a big fertilizer market and use may not depict true picture.

2 Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.

3 Cropped area is taken from Punjab Development Statistics, 2019.

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2020-21

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	39,455	10,330	487	50,272	314	160
Dadu	47,983	7,739	2,404	58,127	153	380
Ghotki	70,682	25,270	523	96,475	269	359
Hyderabad	31,568	12,456	491	44,514	43	1035
Jacobabad	11,180	4,013	143	15,336	160	96
Jamshoro	6,792	520	20	7,332	71	103
Karachi	28,033	11,672	194	39,898	4	9975
Kashmore	26,013	7,922	88	34,024	151	225
Khairpur	27,802	8,089	235	36,126	273	132
Larkana	25,237	5,248	53	30,537	183	167
Malir	-	-	-	-	-	0
Mirpurkhas	74,807	20,066	1,116	95,989	175	549
Matiari	18,686	7,817	626	27,129	123	221
Noshero Feroz	95,137	36,035	942	132,114	192	688
Shaheed Benazir Abad	58,145	12,742	804	71,691	211	340
Sanghar	84,102	19,362	1,019	104,483	286	365
Qamber Shahdad Kot	21,504	6,569	161	28,234	145	195
Shikarpur	10,432	3,918	33	14,383	163	88
Sujawal	4,959	1,482	-	6,441	-	-
Sukkur	28,888	10,949	216	40,054	106	378
Tando Allah Yar	17,497	4,043	1,029	22,569	98	230
Tharparkar	4,838	774	-	5,612	155	36
Thatta	16,909	6,957	265	24,131	205	118
Tando Muhammad Khan	14,558	2,762	41	17,361	73	238
Umerkot	15,309	1,835	22	17,165	91	189
New distributors	16,426	31,624	-	48,050	-	-
Sindh	796,943	260,194	10,909	1,068,046	3650	293

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Sindh, 2019

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2020-21

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	1,059	325	12	1,396	59	24
Bajaur	1,240	379	27	1,646	70	24
Bannu	1,981	806	10	2,797	50	56
Battagram	193	0	-	194	29	7
Buner	6,320	2,636	410	9,365	104	90
Charsadha	5,121	1,148	103	6,371	94	68
Chitral	-	-	-	-	27	0
Dera Ismail Khan	18,309	5,305	241	23,854	155	154
Dir upper	3,253	644	7	3,904	53	74
Dir lower	2,180	535	43	2,758	71	39
Hangu	-	-	-	-	34	0
Haripur	636	328	15	979	84	12
Karak	-	-	-	-	29	0
Khyber	2,068	1,034	47	3,150	22	144
Kohat	824	138	-	962	32	30
Kohistan	-	-	-	-	29	0
Kurram	352	180	-	532	16	33
Lakki Marwat	1,634	810	8	2,452	41	60
Malakand	1,565	811	48	2,424	50	49
Mansehra	7,947	1,363	144	9,453	100	95
Mardan	20,247	4,008	344	24,599	110	223
Mohmand	96	57	-	152	26	6
North Waziristan	-	-	-	-	18	0
Nowshera	2,692	661	11	3,365	50	68
Orakzai	-	-	-	-	12	0
Peshawar	38,653	4,835	100	43,589	84	518
South Waziristan	-	-	-	-	24	0
Shangla	9,455	3,020	160	12,635	81	156
Swabi	10,011	859	231	11,101	88	126
Swat	31,246	7,350	462	39,059	172	227
Tank	23	7	-	30	19	1
New distributors	6167	10543	1189	17,899	-	-
KP	173,273	47,783	3,609	224,666	1830	122.8

1. Peshawar is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Khyber Pakhtunkhwa, 2021.

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2020-21

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Awaran	15,731	4,204	-	19,934	27	745
Barkhan	1,087	109	6	1,202	17	71
Kachhi (Bolan)	364	101	-	465	22	21
Chaghi	1,201	213	0	1,414	9	154
Dera Bugti	7	-	-	7	25	0
Gwadar	-	-	-	-	2	-
Harnai	820	147	3	970	8	126
Jafarabad	21,243	6,190	93	27,526	201	137
Jhal Magsi	15,514	2,203	52	17,769	65	271
Kalat	821	534	88	1,444	16	93
Kech (Turbat)	3,488	60	-	3,548	37	95
Kharan	9,577	461	15	10,053	21	483
Khuzdar	12,755	1,296	115	14,166	71	200
Kohlu	-	-	-	-	2	-
Lasbela	19,325	4,956	391	24,672	41	601
Loralai	156	6	-	162	28	6
Mastung	-	-	-	-	13	-
Musakhel	-	-	-	-	6	-
Nasirabad	5,943	2,957	5	8,906	191	47
Nushki	180	3	-	183	15	12
Panjgur	-	-	-	-	26	-
Pishin	4,928	1,834	414	7,176	24	303
Qila Saifullah	1,998	364	100	2,462	69	36
Qila Abdullah	-	-	1	1	11	0
Quetta	8,674	3,784	86	12,545	9	1,457
Shirani	-	-	-	-	2	-
Sibi	8,989	1,592	16	10,596	23	470
Sohbatpur	254	16	3	273	0	-
Washuk	1,926	574	18	2,518	12	214
Zhob	2,389	311	-	2,701	16	166
Ziarat	-	-	-	-	5	-
New Distributors	2,916	6,156	506	9,578	-	-
Balochistan	140,287	38,073	1,908	180,268	1,080	166.9
Pakistan	3,710,746	1,228,071	69,275	5,008,092	24,160	207.3

1. Quetta is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Balochistan, 2018-19.

Continued...

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2021-22

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	12,292	3,964	164	16,420	268	61
Bahawalpur	139,440	40,271	1,090	180,802	763	237
Bhakkar	25,825	7,719	561	34,105	888	38
Bahawalnagar	126,437	31,017	794	158,248	907	174
Chakwal	1,026	543	-	1,569	303	5
Chiniot	50,194	13,018	1,718	64,929	261	249
Dera Ghazi Khan	75,972	21,695	307	97,974	503	195
Faisalabad	85,163	20,993	955	107,111	648	165
Gujranwala	107,318	26,605	1,510	135,433	540	251
Gujrat	9,817	2,064	71	11,952	308	39
Hafizabad	55,673	13,244	502	69,419	337	206
Islamabad	389	60	-	448.90	46	10
Jhang	79,989	20,790	1,319	102,098	660	155
Jhelum	1,219	367	9	1,594	123	13
Kasur	80,550	19,693	756	100,998	480	210
Khanewal	98,559	26,933	1,231	126,723	610	208
Khushab	7,585	1,400	181	9,166	477	19
Lahore	41,297	9,200	507	51,004	163	312
Layyah	56,328	12,167	494	68,989	672	103
Lodran	94,988	26,970	809	122,768	435	282
Mandi Bahauddin	45,695	11,758	473	57,926	305	190
Muzaffar Garh	100,331	26,780	740	127,851	679	188
Mianwali	32,650	5,287	278	38,215	415	92
Multan	172,484	51,249	1,721	225,453	521	433
Nankana	41,178	9,022	108	50,308	326	154
Narowal	49,329	12,011	463	61,803	229	270
Okara	137,722	35,886	2,566	176,173	617	286
Pakpattan	97,107	25,119	1,638	123,864	412	301
Rahim Yar Khan	220,387	54,732	2,110	277,230	898	309
Rajanpur	81,004	18,429	214	99,647	548	182
Rawalpindi	18,882	4,861	47	23,790	258	92
Sahiwal	91,728	25,572	1,002	118,303	425	278
Sargodha	55,479	14,313	1,677	71,468	672	106
Sheikhupura	70,050	19,464	507	90,021	544	165
Sialkot	31,246	8,224	602	40,071	341	118
Toba Tek Singh	61,584	17,273	982	79,840	446	179
Vehari	128,922	35,350	2,139	166,411	619	269
New distributors	52,561	116,460	19,331	188,352	-	-
Punjab	2,638,399	790,501	49,578	3,478,478	17,647	197.1

1. Multan is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Punjab Development Statistics, 2021.

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2021-22

(tonnes)						
District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	55,410	10,112	424	65,946	254	259
Dadu	38,325	8,519	145	46,989	156	302
Ghotki	76,688	19,820	375	96,883	267	363
Hyderabad	36,555	9,441	317	46,313	44	1054
Jacobabad	19,565	3,965	165	23,696	169	140
Jamshoro	4,731	552	28	5,311	75	71
Karachi	25,122	9,141	249	34,512	4	9070
Kashmore	31,334	7,074	77	38,486	147	262
Khairpur	45,912	10,571	219	56,702	281	202
Larkana	28,204	4,361	18	32,584	179	182
Mirpurkhas	76,223	18,889	1,022	96,134	179	536
Matiali	26,189	5,948	561	32,698	128	255
Noshero Feroz	130,219	28,556	532	159,307	187	854
Shaheed Benazir Abad	71,672	14,003	830	86,504	208	416
Sanghar	90,037	20,708	954	111,699	276	404
Qamber Shahdad Kot	27,725	5,032	143	32,900	151	218
Shikarpur	15,357	3,764	78	19,199	156	123
Sujawal	5,268	1,358	1	6,627	-	-
Sukkur	38,188	8,348	34	46,570	105	442
Tando Allah Yar	17,274	3,387	960	21,622	102	213
Tharparkar	2,961	539	5	3,505	230	15
Thatta	22,632	3,660	90	26,381	198	133
Tando Muhammad Khan	23,242	4,480	40	27,762	63	440
Umerkot	9,497	2,226	9	11,732	93	126
New distributors	16,289	31,245	10,541	58,075	-	-
Sindh	934,621	235,700	17,815	1,188,135	3654	325

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Sindh, 2021.

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2021-22

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	2,416	576	-	2,992	59	51
Bajaur	865	311	22	1,197	70	17
Bannu	1,015	184	-	1,200	50	24
Battagram	120	4	-	124	29	4
Buner	4,694	2,085	296	7,075	104	68
Charsadda	4,410	1,230	52	5,692	94	61
Chitral	9	-	-	9	27	0
Dera Ismail Khan	15,150	4,018	122	19,290	155	125
Dir upper	3,808	464	2	4,274	53	81
Dir lower	2,106	397	-	2,503	71	35
Hangu	-	-	-	-	34	0
Haripur	920	280	3	1,203	84	14
Karak	14	-	-	14	29	0
Khyber	406	374	-	780	22	36
Kohat	1,254	362	-	1,616	32	50
Kohistan	-	-	-	-	29	0
Kurram	602	167	-	769	16	48
LakkiMarwat	968	190	6	1,164	41	29
Malakand	1,722	1,263	109	3,094	50	62
Mansehra	7,508	2,015	205	9,727	100	98
Mardan	21,563	3,918	266	25,747	110	234
Mohmand	250	43	-	292	26	11
North Waziristan	-	-	-	-	18	0
Nowshera	2,109	304	4	2,417	50	49
Orakzai agency	-	-	-	-	12	0
Peshawar	34,095	3,960	136	38,191	84	454
South Waziristan	-	-	-	-	24	0
Shangla	3,579	1,722	103	5,405	81	67
Swabi	9,118	257	-	9,374	88	107
Swat	21,676	6,429	358	28,463	172	165
Tank	96	11	-	107	19	4
New distributors	7731	6343	428	14,502	-	-
KP	148,204	36,907	2,110	187,222	1830	102.3

1. Peshawar is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Khyber Pakhtunkhwa, 2021.

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2021-22

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Awaran	1,167	693	-	1,860	27	69
Barkhan	665	101	-	766	17	45
Kachhi (Bolan)	686	108	-	795	22	36
Chaghi	875	156	5	1,036	9	113
DeraBugti	28	-	-	28	25	1
Gwadar	-	-	-	-	2	-
Harnai	1,614	486	11	2,111	8	273
Jafarabad	19,746	4,399	23	24,168	201	120
Jhal Magsi	6,293	725	8	7,026	65	107
Kalat	1,324	253	52	1,629	16	105
Kech (Turbat)	414	-	-	414	37	11
Kharan	4,722	399	38	5,158	21	248
Khuzdar	10,230	1,386	135	11,752	71	166
Kohlu	-	-	-	-	2	-
Lasbela	19,342	4,909	429	24,679	41	602
Loralai	389	69	2	460	28	16
Mastung	-	-	-	-	13	-
Musakhel	-	-	-	-	6	-
Nasirabad	7,452	2,263	-	9,715	191	51
Nushki	145	12	-	156	15	10
Panjgur	-	-	-	-	26	-
Pishin	6,681	1,846	458	8,985	24	379
QilaSaifullah	1,983	447	118	2,548	69	37
Qila Abdullah	14	-	-	14	11	1
Quetta	20,045	4,595	38	24,678	9	2,867
Shirani	-	-	-	-	2	-
Sibi	8,388	1,515	28	9,932	23	440
Sohbatpur	137	22	-	159	0	-
Washuk	239	86	8	332	12	28
Zhob	694	440	16	1,150	16	71
Ziarat	-	-	-	-	5	-
Sikandar Abad	179	12	-	191	-	-
New distributors	3,341	4,488	3	7,832	-	-
Balochistan	116,792	29,410	1,370	147,572	1,080	136.6
Pakistan	3,838,056	1,092,541	70,873	5,001,469	24,211	206.6

1. Quetta is big fertilizer market and use may not depict true picture
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers
3. Cropped area is taken from Development Statistics of Balochistan, 2018-19

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2022-23

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
PUNJAB						
Attock	6,068	1,522	22	7,612	245	31
Bahawalpur	136,175	32,955	509	169,639	740	229
Bhakkar	26,826	4,332	154	31,312	853	37
Bahawal Nagar	129,455	26,615	278	156,348	981	159
Chakwal	1,434	680	3	2,117	268	8
Chiniot	45,824	9,423	716	55,963	277	202
Dera Ghazi Khan	67,056	12,056	118	79,230	488	162
Faisalabad	81,704	15,611	527	97,842	671	146
Gujranwala	114,259	20,831	227	135,317	580	233
Gujrat	9,243	1,822	12	11,076	310	36
Hafizabad	42,700	7,872	145	50,717	338	150
Islamabad	2,897	334	1	3,231	39	83
Jhang	92,593	17,189	575	110,357	728	152
Jhelum	704	74	2	781	111	7
Kasur	71,205	14,115	206	85,526	479	179
Khanewal	85,076	16,428	497	102,001	605	169
Khushab	12,206	1,451	131	13,788	430	32
Lahore	35,785	7,397	122	43,305	156	278
Layyah	60,907	12,840	421	74,168	670	111
Lodran	77,412	18,537	206	96,156	450	214
MandiBahauddin	59,886	12,275	220	72,382	320	226
MuzaffarGarh	87,652	17,088	292	105,031	643	163
Mianwali	26,911	2,097	73	29,080	418	70
Multan	192,242	39,765	516	232,522	459	507
Nankana	39,418	7,756	57	47,230	313	151
Narowal	53,833	10,268	74	64,175	223	288
Okara	124,632	24,224	391	149,247	601	248
Pakpattan	89,499	19,958	367	109,823	430	255
Rahim Yar Khan	195,180	43,237	855	239,272	845	283
Rajanpur	60,094	10,083	79	70,256	488	144
Rawalpindi	20,588	2,027	42	22,657	193	117
Sahiwal	110,888	23,484	262	134,634	427	315
Sargodha	58,117	11,249	683	70,050	683	103
Sheikhupura	64,174	12,289	122	76,585	575	133
Sialkot	26,635	4,623	140	31,398	422	74
Toba Tek Singh	44,293	9,582	363	54,238	425	128
Vehari	109,071	21,157	661	130,889	649	202
New distributors	23,967	30,587	10,653	65,207	-	-
Punjab	2,486,608	523,831	20,723	3,031,163	17,533	172.9

1. Multan is a big fertilizer market and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Punjab Development Statistics, 2022.

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2022-23

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
SINDH						
Badin	40,651	5,026	110	45,787	210	219
Dadu	36,771	5,800	59	42,630	161	265
Ghotki	70,028	11,511	89	81,628	273	299
Hyderabad	38,000	5,070	127	43,197	42	1037
Jacobabad	23,831	4,187	17	28,035	167	168
Jamshoro	9,030	219	3	9,253	74	124
Karachi	17,405	3,881	2,396	23,682	5	4856
Kashmore	23,489	3,868	10	27,367	141	195
Khairpur	37,649	6,172	108	43,929	278	158
Larkana	30,006	3,320	23	33,348	182	183
Mirpurkhas	70,093	11,678	373	82,144	162	506
Matiali	27,807	5,012	369	33,188	128	260
Noshero Feroz	102,736	19,956	344	123,036	184	668
Shaheed Benazir Abad	53,332	7,613	224	61,169	219	280
Sanghar	84,069	15,645	428	100,141	252	397
Qamber Shahdad Kot	21,960	2,925	26	24,910	154	162
Shikarpur	21,681	4,377	13	26,071	156	168
Sujawal	5,972	1,049	17	7,037	-	-
Sukkur	28,656	3,921	38	32,615	100	326
Tando Allah Yar	19,586	4,224	479	24,289	56	433
Tharparkar	386	36	5	427	220	2
Thatta	33,875	2,896	69	36,840	178	207
Tando Muhammad Khan	26,939	3,030	21	29,990	83	359
Umerkot	7,934	1,255	13	9,202	67	137
New distributors	9,559	18,887	849	29,295	-	-
Sindh	841,444	151,560	6,209	999,212	3492	286

1. Karachi and Hyderabad are big fertilizer markets and use may not depict true picture.
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers.
3. Cropped area is taken from Development Statistics of Sindh, 2022.

Continued....

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2022-23

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
KP						
Abbotabad	5,149	1,007	41	6,197	55	113
Bajaur	1,299	175	23	1,497	68	22
Bannu	1,201	192	-	1,392	38	36
Battagram	355	13	-	368	30	12
Buner	1,622	626	175	2,423	107	23
Charsadda	7,829	1,525	74	9,428	91	103
Chitral	117	-	-	117	27	4
Dera Ismail Khan	20,944	4,810	113	25,866	154	168
Dir upper	2,187	233	8	2,428	46	53
Dir lower	3,618	487	-	4,105	71	57
Hangu	170	-	-	170	27	6
Haripur	1,167	219	2	1,388	84	16
Karak	198	-	-	198	51	4
Khyber	190	108	-	298	17	18
Kohat	967	141	-	1,108	21	53
Kohistan	-	-	-	-	29	0
Kurram	1,056	116	-	1,171	41	28
Lakki Marwat	808	178	-	986	42	23
Malakand	417	18	-	435	50	9
Mansehra	7,457	1,105	128	8,690	91	96
Mardan	34,646	5,045	537	40,228	111	361
Mohmand	614	35	-	650	12	56
North Waziristan	-	-	-	-	11	0
Nowshera	3,189	408	11	3,607	49	73
Orakzai	-	-	-	-	11	0
Peshawar	22,270	2,772	45	25,087	86	293
South Waziristan	-	-	-	-	17	0
Shangla	1,374	1,240	30	2,645	81	33
Swabi	5,948	229	1	6,177	84	74
Swat	27,257	4,795	147	32,199	177	182
Tank	242	14	-	256	20	15
New distributors	16420	6745	0	23,165	-	-
KP	168,712	32,236	1,332	202,280	1799	112.4

Cropped area is taken from Development Statistics of Khyber Pakhtunkhwa, 2022.

Table 3.9 District and Nutrient-wise Fertilizer Offtake and Use during 2022-23

(tonnes)

District	Nitrogen	Phosphate	Potash	Nutrients Total	Cropped Area (000 ha)	Nutrient Use Rate (Kg/ha)
BALUCHISTAN						
Awaran	3	3	-	7	32	0.2
Barkhan	1,398	256	2	1,656	45	37
Kachhi (Bolan)	491	79	-	570	24	24
Chaghi	519	14	-	533	17	31
Chaman	14	-	-	14	0	-
Dera Bugti	16	8	-	24	36	1
Gwadar	-	-	-	-	3	-
Harnai	3,334	679	2	4,016	8	488
Jafarabad	17,872	2,462	1	20,335	217	94
Jhal Magsi	1,388	343	-	1,731	91	19
Kalat	698	105	13	816	15	55
Kech (Turbat)	-	-	-	-	44	-
Kharan	1,788	273	13	2,074	27	77
Khuzdar	6,827	1,160	68	8,055	86	94
Kohlu	-	-	-	-	14	-
Lasbela	10,750	1,706	57	12,513	63	200
Loralai	1,929	1,814	-	3,743	28	133
Mastung	-	-	-	-	13	-
Musakhel	-	-	-	-	6	-
Nasirabad	7,244	1,643	0	8,887	198	45
Nushki	120	25	-	145	19	8
Panjgur	-	-	-	-	30	-
Pishin	9,845	1,991	270	12,106	25	493
Qila Saifullah	4,889	946	24	5,858	63	93
Qila Abdullah	1,107	-	-	1,107	12	95
Quetta	29,354	6,121	26	35,501	8	4,202
Shirani	-	-	-	-	3	-
Sibi	2,593	550	19	3,163	28	113
Sohbatpur	179	14	-	193	0	-
Washuk	9	-	-	9	20	0.5
Zhob	-	-	-	-	20	-
Ziarat	-	-	-	-	5	-
Shaheed Sikandarabad	18	-	-	18	-	-
New Distributors	4,733	5,828	-	10,561	-	-
Balochistan	107,117	26,020	497	133,633	1,201	111.3
Pakistan	3,603,880	733,649	28,761	4,366,289	24,025	181.7

1. Quetta is big a fertilizer market and use may not depict true picture
2. Fertilizer is sometimes stocked in bigger towns and then transferred to other district retailers
3. Cropped area is taken from Development Statistics of Balochistan, 2021-22.

Prices and Other Key Indicators

Table 4.1 Procurement/Support/Indicative Prices of Major Agricultural Commodities

(Rs. per 40 kgs)

Year	Wheat	Rice		Paddy		Sugarcane (Factory gate) *				Seed Cotton (Phutti)
		Basmati	IRRI	Basmati	IRRI	KP	Punjab	Sindh	Baluchistan	
2004-05	400	-	-	415	230	42	42	43	43	925
2005-06	415	-	-	-	300	48	45	60	-	975
2006-07	425	-	-	-	306	65	60	67	-	1,025
2007-08	625	-	-	-	-	65	60	67	-	1,025
2008-09	950	2,500	1,400	1,500	700	80	80	81	-	1,465
2009-10	950	-	-	1,250	600	100	100	102	-	-
2010-11	950	-	-	-	-	125	125	125	-	-
2011-12	1050	-	-	-	-	150	150	154	-	-
2012-13	12,00	-	-	-	-	170	170	172	-	-
2013-14	12,00	-	-	-	-	170	170	172	-	-
2014-15	1,300	-	-	-	-	180	180	182	-	3,000
2015-16	1,300	-	-	-	-	180	180	172	-	3,000
2016-17	1,300	-	-	-	-	180	180	182	-	-
2017-18	1,300	-	-	-	-	180	180	182	-	-
2018-19	1,300	-	-	-	-	180	180	182	-	-
2019-20	1,400	-	-	-	-	190	190	192	-	-
2020-21	1,800	-	-	-	-	200	200	202	-	-
2021-22	2,200	-	-	-	-	225	225	250	-	5,000
2022-23	3,900	-	-	-	-	300	300	302	-	8,500

Source: 1. Ministry of National Food Security and Research, Islamabad.
2. Economic Survey 2022-23, Finance Division, Islamabad.
3. Provincial Agriculture Departments.

Note: (-): Not applicable
*: Indicative prices of Sugarcane are notified by the Provincial Govts.

Table 4.2 Retail Prices of Fertilizer Products in Pakistan

(Rs. per 50 kg bag)

Effective Date	Urea	CAN	AS	NP	TSP	DAP	SOP	NPKs			SSP (Granular)		SSP (Powder)	
								10:20 :20	13:13:21	20:13 :13/ Others	18%	16%	18%	16%
								20-05-86	128	65	60	110	95	146
18-09-87	130	74	65	119	111	161	60	105	98	-	46	-	43	39
10-10-88	135	78	70	137	128	185	72	115	105	-	53	49	49	45
31-08-89	150	80	78	149	147	203	85	128	117	-	58	54	54	50
12-02-90	165	90	85	150	161	217	107	143	130	200	68	61	63	56
27-03-90	165	90	85	150	161	217	107	143	130	200	68	61	63	56
29-10-90	180	95	90	173	185	249	150	176	161	200	93	85	78	70
13-04-92	200	100	95	196	196	272	195	247	232	200	93	85	78	70
04-11-92	205	109	96	196	196	264	195	247	232	200	93	85	78	70
20-11-92	218	132	134	196	196	264	195	247	232	200	120	110	100	90
21-08-93	223	145	150	220	196	305	195	247	232	230	140	-	125	-
1993-94	228	154	155	231	196	328	196	247	232	230	135	-	121	-
1994-95	253	177	176	279	368	439	298	247	232	230	157	-	134	-
1995-96	285	185	171	322	439	515	344	-	-	-	181	-	160	-
1996-97	339	209	197	384	450	552	532	-	-	-	211	-	184	-
1997-98	344	222	209	412	466	574	538	-	-	-	196	-	186	-
1998-99	346	231	275	457	532	665	541	-	-	-	234	-	193	-
1999-00	324	228	288	466	549	632	567	-	-	-	287	-	243	-
2000-01	363	233	300	468	517	669	682	-	-	-	253	-	214	-
2001-02	394	268	308	519	540	710	765	-	-	-	280	-	235	-
2002-03	411	282	344	539	560	765	780	-	-	-	287	-	243	-
2003-04	420	298	373	622	686	913	809	-	-	-	329	-	268	-
2004-05	468	353	405	704	801	1001	996	-	-	-	373	-	310	-
2005-06	509	395	744	710	833	1079	1170	-	-	-	407	-	338	-
2006-07	527	396	779	670	716	993	985	-	-	-	334	-	283	-
2007-08	580	471	865	1294	1453	1931	1495	-	-	-	571	-	502	-
2008-09	744	700	1297	1825	2375	2787	2222	-	-	-	918	-	826	-
2009-10	800	701	1223	1452	1659	2267	2370	-	-	-	726	-	699	-
2010-11	1035	843	1124	2108	2418	3236	2807	-	-	-	896	-	848	-
2011-12	1719	1392	-	2691	3096	4054	3797	3186	-	-	1260	-	1127	-
2012-13	1700	1443	-	2524	3091	3902	3945	-	-	-	1172	-	1100	-
2013-14	1827	1566	-	2513	-	3640	4233	-	-	-	1050	-	-	-
2014-15	1883	1606	-	2584	-	3677	4904	-	-	-	1012	-	-	-
2015-16	1861	1564	-	2339	-	3343	5131	-	-	-	973	-	-	-
2016-17	1378	1198	-	1869	-	2596	4100	2533	-	-	886	-	-	-
2017-18	1386	1241	-	2175	-	2882	3659	2600	-	-	890	-	-	-
2018-19	1745	1571	-	2829	-	3518	3945	2857	-	-	1002	-	-	-
2019-20	1850	1700	-	2695	-	3558	4299	2971	-	-	1068	-	-	-
2020-21	1698	1547	-	3144	-	4432	4462	3286	-	-	1249	-	-	-
2021-22	1913	1686	-	5371	-	8227	7727	5484	-	-	1968	-	-	-
2022-23	2649	2461	-	6293	-	10924	13589	8165	-	-	2698	-	-	-

Source: i) Joint Controller General, Prices and Supplies, Ministry of Industries, Islamabad.

ii) Pakistan Bureau of Statistics, Statistics Division, Islamabad.

- Note: 1) Price and distribution of all nitrogenous fertilizers were decontrolled w.e.f. 20-5-1986 and after that average market prices are given.
 2) Prices and trade of all phosphate fertilizers deregulated w.e.f. 21st August 1993 and after that average market prices are given.
 3) Prices of potash products and compounds deregulated in 1995, and after that average market prices are given

Table 4.3 Average International Market Fertilizer Prices

(US \$ per tonne FOB)

Year	UREA (Black Sea/ Yuzhny)*	UREA (Middle East)	UREA (China)	DAP (US Gulf)	DAP (China)	DAP (Australia)	TSP (Morroco / Tunisia)	SOP (US Gulf)	MOP (Jordan)
2000-01	105.5	114.9	-	156.3	-	-	129.3	211.0	-
2001-02	93.5	105.2	-	148.3	-	-	126.0	209.3	-
2002-03	106.9	124.1	-	167.7	-	-	135.9	-	-
2003-04	145.8	160.5	-	195.0	-	-	164.2	201.5	-
2004-05	215.0	238.9	-	229.8	-	-	198.1	201.5	-
2005-06	220.6	242.6	-	262.9	-	-	200.5	280.2	-
2006-07	255.8	273.0	-	320.8	-	-	243.4	303.2	-
2007-08	390.9	407.4	-	746.9	-	-	646.3	468.0	-
2008-09	392.6	415.6	-	619.8	-	-	625.7	1114.4	726.9
2009-10	251.1	275.1	-	384.2	-	-	296.0	704.2	411.6
2010-11	350.3	362.1	-	574.8	-	-	479.4	572.8	324.9
2011-12	449.2	470.3	-	578.4	607.6	-	537.8	597.5	442.5
2012-13	377.5	392.3	-	529.2	523.9	-	451.2	546.9	445.7
2013-14	314.0	315.0	-	458.9	421.8	-	356.2	606.3	-
2014-15	-	310.3	287.1	471.9	467.6	-	403.4	540.6	-
2015-16	-	236.8	236.2	403.1	393.2	-	357.8	515.4	-
2016-17	-	217.1	218.3	312.2	335.2	-	279.4	487.6	-
2017-18	-	251.7	279.6	380.1	389.2	-	298.5	509.8	-
2018-19	-	287.8	296.9	-	394.5	406.5	349.6	504.9	-
2019-20	-	245.4	251.8	-	308.9	295.7	283.9	476.9	-
2020-21	-	310.4	308.1	-	434.5	444.0	354.9	608.8	-
2021-22	-	684.8	654.8	-	818.9	791.8	724.2	1031.8	-
2022-23	-	452.6	450.3	-	675.8	663.9	581.3	680.8	-

Source: i) Fertilizer Trade Information, FADINAP, Bangkok, Thailand
ii) The Argus, UK
iii) Records of National Fertilizer Development Centre, Islamabad
iv) Argus.

Note:

i) (-) :Not Available.
ii) (*): Urea Black Sea prices up to 2002-03

Table 4.4 (a) Weighted Average Nutrient Prices

Year	(Rs. per kg)			
	Nitrogen	Phosphate	Potash	Total Nutrients
2010-11	46.40	123.04	95.23	61.75
2011-12	76.41	148.55	132.41	88.55
2012-13	75.52	141.27	133.01	89.40
2013-14	81.28	128.78	131.48	91.78
2014-15	83.52	129.37	239.28	95.05
2015-16	82.39	114.81	286.63	92.32
2016-17	61.64	91.35	177.68	70.07
2017-18	62.10	104.48	161.40	74.51
2018-19	77.87	127.33	140.04	90.94
2019-20	82.64	126.92	153.77	93.94
2020-21	74.30	133.55	152.49	89.25
2021-22	85.89	333.47	267.46	142.55
2022-23	119.77	428.27	511.93	174.19

Source: Records of National Fertilizer Development Centre, M/o NFS&R, Islamabad.

Table 4.4 (b) Indices of Fertilizer Nutrient Consumption and Prices

Year	Index of Fertilizer Consumption				Index of Fertilizer Nutrient Prices			
	Nitrogen	Phosphate	Potash	Total	Nitrogen	Phosphate	Potash	All Nutrient
2000-01	100	100	100	100	100	100	100	100
2001-02	101	92	82	99	107	115	136	109
2002-03	104	96	90	102	111	125	135	114
2003-04	112	100	96	109	113	153	165	122
2004-05	123	128	143	125	124	170	164	137
2005-06	129	126	119	128	135	182	214	147
2006/07	117	145	189	124	140	162	196	149
2007-08	129	93	118	121	153	354	234	194
2008-09	134	96	111	125	202	489	419	258
2009-10	154	127	104	147	213	408	445	257
2010-11	138	113	142	133	280	582	512	351
2011-12	142	94	93	130	462	702	712	503
2012-13	126	110	91	122	456	668	715	508
2013-14	141	130	104	138	491	609	707	521
2014-15	146	144	144	146	505	612	1286	540
2015-16	118	149	88	125	498	543	1541	524
2016-17	165	188	182	170	372	432	955	398
2017-18	152	189	219	161	375	494	868	423
2018-19	150	170	235	156	471	602	753	516
2019-20	151	160	221	153	499	600	827	533
2020-21	164	181	305	169	449	631	820	507
2021-22	169	161	312	169	519	1577	1438	809
2022-23	159	108	126	147	724	2025	2752	989

Table 4.5 Kgs of Crop Required to Buy one Kg of N, P₂O₅, K₂O and Total Nutrients

Year	Nitrogen	Phosphate	Potash	Total Nutrients
Paddy (Basmati)				
2010-11	1.35	3.57	2.77	1.79
2011-12	2.15	4.17	3.72	2.49
2012-13	1.53	2.87	2.70	1.82
2013-14	1.40	2.22	2.26	1.58
2014-15	2.31	3.58	6.63	2.63
2015-16	4.64	6.47	16.15	5.20
2016-17	1.58	2.35	4.56	1.80
2017-18	1.55	2.61	4.02	1.86
2018-19	1.79	2.92	3.21	2.09
2019-20	1.47	2.25	2.73	1.67
2020-21	1.42	2.56	2.92	1.71
2021-22	1.42	5.52	4.43	2.36
2022-23	1.07	3.83	4.58	1.56
Seed Cotton -Phutti				
2010-11	0.52	1.38	1.06	0.69
2011-12	1.33	2.58	2.30	1.54
2012-13	1.19	2.22	2.09	1.40
2013-14	1.12	1.78	1.81	1.27
2014-15	1.41	2.18	4.03	1.60
2015-16	1.30	1.81	4.51	1.45
2016-17	0.83	1.23	2.40	0.95
2017-18	0.84	1.41	2.18	1.01
2018-19	0.91	1.49	1.64	1.06
2019-20	0.84	1.29	1.56	0.96
2020-21	0.71	1.28	1.46	0.85
2021-22	0.58	2.26	1.82	0.97
2022-23	0.59	2.10	2.51	0.85
Sugarcane (Punjab)				
2010-11	14.85	39.37	30.47	19.76
2011-12	20.38	39.61	35.31	23.61
2012-13	17.77	33.24	31.30	21.04
2013-14	19.12	30.30	30.94	21.60
2014-15	18.56	28.75	53.17	21.12
2015-16	18.31	25.51	63.70	20.52
2016-17	13.70	20.30	39.48	15.57
2017-18	13.80	23.22	35.87	16.56
2018-19	17.30	28.30	31.12	20.21
2019-20	17.40	26.72	32.37	19.78
2020-21	14.86	26.71	30.50	17.85
2021-22	15.27	59.28	47.55	25.34
2022-23	15.97	57.10	68.26	23.23

Continued.....

Table 4.5 Kgs of Crop Required to Buy one Kg of N, P₂O₅, K₂O and Total Nutrients

Year	Nitrogen	Phosphate	Potash	Total Nutrients
Wheat				
2010-11	1.95	5.18	4.01	2.60
2011-12	2.91	5.66	5.04	3.37
2012-13	2.52	4.71	4.43	2.98
2013-14	2.71	4.29	4.38	3.06
2014-15	2.57	3.98	7.36	2.92
2015-16	2.54	3.53	8.82	2.84
2016-17	1.90	2.81	5.47	2.16
2017-18	1.91	3.21	4.97	2.29
2018-19	2.40	3.92	4.31	2.80
2019-20	2.36	3.63	4.39	2.68
2020-21	1.65	2.97	3.39	1.98
2021-22	1.56	6.06	4.86	2.59
2022-23	1.23	4.39	5.25	1.79

*Note: 1) Weighted average nutrient price of one kg fertilizer divided by the price of one kg of respective crop.
2) Calculations are based on market price for paddy and seed cotton while support/indicative price for sugarcane and wheat.*

Source: NFDC, M/o NFS&R, Islamabad

Table 4.6 Subsidy estimates for Fertilizer Sector

(Rs. Billion)

Year	Imported Urea	Domestic Urea (Cash Subsidy)	Subsidy on RLNG	Other P & K Fertilizer	Total Budgeted Subsidy	Tax Relief	Cheap Feed Gas
2004-05	3.7	0	0	0	3.7	0	14.4
2005-06	8.0	0	0	0	8.0	0	17.2
2006-07	3.4	0	0	13.7	17.1	0	22.7
2007-08	3.1	0	0	17.4	20.5	0	22.8
2008-09	14.3	0	0	26.5	40.8	0	33.5
2009-10	19.4	0	0	0.5	19.9	0	32.8
2010-11	9.2	0	0	0	9.2	0	43.5
2011-12	50.5	0	0	0	50.5	0	46.0
2012-13	12.7	0	0	0	12.7	0	43.9
2013-14	11.0	0	0	0	11.0	0	48.0
2014-15	4.1	0	0	0	4.1	0	51.4
2015-16*	0.3	0	0	19.9	20.2	0	78.0
2016-17**	0	19.9	0	17.6	37.5	23.8	78.6
2017-18**	0	11.7	0	0	11.7	36.6	75.4
2018-19	2.7	0	9.2	0	11.9	59.4	92.8
2019-20	2.4	0	7.3	0	9.7	55.0	126.1
2020-21	0	0	8.1	0	8.1	75.0	132.4
2021-22	8.7	0	36.0	0	44.7	107.0	104.4
2022-23	39.2	0	32.3	0	71.5	114.0	108.0

Source: National Fertilizer Development Centre

Note: * Budget allocation for phosphate and potash.

**Data for 2016-17 and 2017-18 show subsidy claims of phosphate & potash submitted by fertilizer companies and not actual disbursement

Table 4.7 Disbursement of Agricultural Credit by Various Agencies in Pakistan

(million Rs.)

Years	P.P.C.B. L			Commercial Banks			ZTBL			Domestic Private Banks		
	Production	Development	Total	Production	Development	Total	Production	Development	Total	Production	Development	Total
2012-13	6,578	1,727	8,304	161,750	11,082	172,833	55,211	11,858	67,068	64,621	4,651	69,271
2013-14	7,044	1,765	8,809	187,000	8,488	195,488	60,836	17,083	77,920	76,715	8,098	84,813
2014-15	8,384	2,102	10,486	245,299	17,613	262,912	69,184	26,643	95,824	96,018	12,691	108,708
2015-16	8,395	1,939	10,335	296,741	14,660	311,401	71,525	19,452	90,977	109,501	13,596	123,097
2016-17	8,534	2,346	10,880	329,509	12,559	342,068	71,015	21,435	92,450	122,929	16,132	139,061
2017-18	8,323	2,401	10,724	508,861	15,069	523,930	61,747	21,440	83,187	154,337	30,526	184,863
2018-19	7,517	2,161	9,677	641,775	11,756	653,531	54,145	17,333	71,478	178,005	33,938	211,942
2019-20	6,937	1,888	8,825	693,195	15,052	708,247	45,776	16,510	62,286	179,789	45,181	224,970
2020-21	7,003	1,202	8,205	787,097	14,374	801,471	59,105	19,395	78,500	210,875	63,650	274,525
2021-22	5,812	1,705	7,516	740,212	24,126	764,338	38,423	30,793	69,216	251,660	47,059	298,719
2022-23	5,504	3,009	8,513	947,655	30,536	978,192	42,662	32,762	75,424	327,343	39,398	366,741

Years	Islamic Banks			MFIs/RSPs			Micro Finance Banks			Total of All Agencies		
	Production	Development	Total	Production	Development	Total	Production	Development	Total	Production	Development	G. Total
2012-13	-	-	-	-	-	-	18,770	-	18,770	306,929	29,318	336,247
2013-14	1,525	3	1,527	-	-	-	22,796	-	22,796	355,916	35,437	391,353
2014-15	4,444	547	4,991	-	-	-	32,951	-	32,951	456,280	59,596	515,876
2015-16	7,914	627	8,540	-	-	-	53,935	2	53,938	548,011	50,276	598,287
2016-17	11,686	640	12,326	19,744	186	19,930	87,762	10	87,772	651,179	53,308	704,487
2017-18	15,229	1,164	16,392	28,754	-	28,754	124,756	-	124,756	902,007	70,600	972,607
2018-19	36,870	2,510	39,379	33,984	-	33,984	153,998	-	153,998	1,106,294	67,698	1,173,992
2019-20	39,292	2,851	42,143	28,917	-	28,917	139,298	-	139,298	1,133,204	81,482	1,214,686
2020-21	44,912	2,903	47,815	23,281	-	23,281	132,070	-	132,070	1,264,343	101,524	1,365,867
2021-22	58,531	8,048	66,579	26,195	-	26,195	186,344	-	186,344	1,307,177	111,731	1,418,908
2022-23	75,914	25,361	101,275	29,430	-	29,430	214,578	1802	216,380	1,643,086	132,868	1,775,954

Source: State Bank of Pakistan

Table 4.8 Disbursement of Agriculture Credit for Fertilizer

(million Rs.)

Years	P.P.C.B. L			Commercial Banks			ZTBL			Domestic Private Banks		
	Fertilizer	Other Production	Total	Fertilizer	Other Production	Total	Fertilizer	Other Production	Total	Fertilizer	Other Production	Total
2012-13	2,631	3,947	6,578	64,700	97,050	161,750	22,084	33,127	55,211	25,848	38,773	64,621
2013-14	2,818	4,226	7,044	74,800	112,200	187,000	24,334	36,502	60,836	30,686	46,029	76,715
2014-15	3,354	5,030	8,384	98,120	147,179	245,299	27,674	41,510	69,184	38,407	57,611	96,018
2015-16	3,358	5,037	8,395	118,696	178,045	296,741	28,610	42,915	71,525	43,800	65,701	109,501
2016-17	3,414	5,120	8,534	131,804	197,705	329,509	28,406	42,609	71,015	49,172	73,757	122,929
2017-18	3,329	4,994	8,323	203,544	305,317	508,861	24,699	37,048	61,747	61,735	92,602	154,337
2018-19	3,007	4,510	7,517	256,710	385,065	641,775	21,658	32,487	54,145	71,202	106,803	178,005
2019-20	2,775	4,162	6,937	277,278	415,917	693,195	18,310	27,466	45,776	71,916	107,873	179,789
2020-21	2,801	4,202	7,003	314,839	472,258	787,097	23,642	35,463	59,105	84,350	126,525	210,875
2021-22	2,325	3,487	5,812	296,085	444,127	740,212	15,369	23,054	38,423	100,664	150,996	251,660
2022-23	2,202	3,302	5,504	379,062	568,593	947,655	17,065	25,597	42,662	130,937	196,406	327,343

Years	Islamic Banks			MFIs/RSPs			Micro Finance Bank			Total of All Agencies		
	Fertilizer	Other Production	Total	Fertilizer	Other Production	Total	Fertilizer	Other Production	Total	Fertilizer	Other Production	Total Production
2012-13	-	-	-	-	-	-	7,508	11,262	18,770	122,772	184,158	306,930
2013-14	610	915	1,525	-	-	-	9,118	13,678	22,796	142,366	213,550	355,916
2014-15	1,778	2,666	4,444	-	-	-	13,180	19,771	32,951	182,512	273,768	456,280
2015-16	3,166	4,748	7,914	-	-	-	21,574	32,361	53,935	219,204	328,807	548,011
2016-17	4,674	7,012	11,686	7,898	11,846	19,744	35,105	52,657	87,762	260,472	390,707	651,179
2017-18	6,092	9,137	15,229	11,502	17,252	28,754	49,902	74,854	124,756	360,803	541,204	902,007
2018-19	14,748	22,122	36,870	13,594	20,390	33,984	61,599	92,399	153,998	442,518	663,776	1,106,294
2019-20	15,717	23,575	39,292	11,567	17,350	28,917	55,719	83,579	139,298	453,282	679,922	1,133,204
2020-21	17,965	26,947	44,912	9,312	13,969	23,281	52,828	79,242	132,070	505,737	758,606	1,264,343
2021-22	23,412	35,119	58,531	10,478	15,717	26,195	74,538	111,806	186,344	522,871	784,306	1,307,177
2022-23	30,366	45,548	75,914	11,772	17,658	29,430	85,831	128,747	214,578	657,234	985,852	1,643,086

Source: National Fertilizer Development Center, Islamabad.

Note: Assumed that 40% of the production credit is advanced for fertilizer purchases.

Table 4.9 Gas Prices for Fertilizer Production

(Rs. MMBTU)

Effective date	SNGPL			Mari Gas			SSGCL	
	Feed Stock		Fuel Generation	Feed Stock		Fuel Generation	Feed Stock	Fuel Generation
	Old Plants	New Plants*		Old Plants	New Plants*			
01-01-2010	102.01	58.49	382.37	102.01	58.49	382.37	102.01	382.37
01-07-2010	102.01	59.29	382.37	102.01	59.29	382.37	102.01	382.87
01-07-2011	102.01	59.59	434.18	102.01	59.59	434.18	102.01	434.18
01-07-2012	116.27	60.67	460.00	116.27	60.67	460.00	116.27	460.0
01-07-2013	123.41	67.38	488.23	123.41	67.38	488.23	123.41	488.23
01-01-2014	123.41	73.17	488.23	123.41	73.17	488.23	123.41	488.23
01-07-2014	123.41	68.47	488.23	123.41	68.47	488.23	123.41	488.23
01-09-2015	200.0	70.61	600.0	200.0	70.61	600.0	200.0	600.0
01-04-2016	123.41	70.61	600.0	123.41	70.61	600.0	123.41	600.0
01-07-2016	123.41	70.61	600.0	123.41	70.61	600.0	123.41	600.0
01-01-2017	123.41	70.61	600.0	123.41	70.61	600.0	123.41	600.0
01-01-2018	123.41	70.61	600.0	123.41	70.61	600.0	123.41	600.0
01-01-2019	185.0	0.70 \$	780.0	185.0	0.70 \$	780.0	185.0	780.0
01-07-2019	300.0	0.70 \$	1021.0	300.0	0.70 \$	1021.0	300.0	1021.0
01-09-2020	302.0	0.70 \$	1023.0	302.0	0.70 \$	1023.0	302.0	1023.0
01-07-2021	302.0	0.70 \$	1023.0	302.0	302.0	1023.0	302.0	1023.0
01-01-2023	510.0	0.70 \$	1500.0	302.0	302.0	1023.0	510.0	1500.0

Source: Oil and Gas Regularity Authority

* Engro Fertilizer

** Fatima Fertilizer

Fertilizer Marketing

Table 5.1 Fertilizer Marketing Agencies in Pakistan

S. No.	Fertilizer Marketing Agencies	Operating in Geographical area
PUBLIC SECTOR		
1.	National Fertilizer Marketing Ltd (NFML)	All Pakistan
PRIVATE SECTOR		
1.	Fauji Fertilizer Company (FFC)	All Pakistan
2.	Engro Fertilizer	All Pakistan
3.	Fatima Fertilizer Company Ltd	All Pakistan
4.	Agri Tech (Pvt) Limited	Punjab & KP
5.	Chawla International	All Pakistan
6.	United Agro Fertilizers	All Pakistan
7.	United Agro Chemicals	All Pakistan
8.	Reliance Commodities	All Pakistan
9.	Pacific Exim (Pvt.) Ltd	Punjab & Sindh
10.	Neelum Seeds	Punjab & Sindh
11.	Premium Petroleum	Punjab & Sindh
12.	CINTL	Punjab & Sindh
13.	Jaffar Brothers (Pvt) Limited	Sindh, Punjab & KP
15.	Suraj Fertilizers	Punjab
16.	Agven (Pvt) Limited	Punjab & Sindh
17.	Sun Crop	Punjab
18.	Safi Chemicals and Fertilizer	Punjab

Table 5.2 (a) Province-wise Fertilizer Dealers Network

Sectors	Provinces				Total	(No. of Dealers) % Share by Sector
	Punjab	Sindh	KP	Baluchistan		
2012-13						
Public	2426	277	108	59	2,870	26
Private	5740	1551	459	269	8,019	74
Total	8166	1828	567	328	10,889	100
2013-14						
Public	2,426	277	108	59	2,870	25
Private	6,239	1253	797	269	8,558	75
Total	8,665	1,530	905	328	11,428	100
2014-15						
Public	2204	282	102	56	2644	24
Private	5993	1588	454	266	8301	76
Total	8197	1870	556	322	10945	100
2015-16						
Public	2204	282	102	56	2644	24
Private	5976	1540	443	257	8216	76
Total	8180	1822	545	313	10860	100
2016-17						
Public	2204	282	102	56	2644	26
Private	5656	1272	419	213	7560	74
Total	7860	1554	521	269	10204	100
2017-18						
Public	2204	282	102	56	2644	18
Private	8363	2370	774	364	11871	82
Total	10567	2652	876	420	14515	100
2018-19						
Public	2204	282	102	56	2644	19
Private	8086	2421	691	350	11548	81
Total	10290	2703	793	406	14192	100
2019-20						
Public	1829	287	88	50	2254	15
Private	9034	2360	647	366	12407	85
Total	10863	2647	735	416	14661	100
2020-21						
Public	1829	287	88	50	2254	13
Private	10714	2936	692	404	14746	87
Total	12543	3223	780	454	17000	100
2021-22						
Public	1829	287	88	50	2254	13
Private	10699	2933	669	397	14698	87
Total	12528	3220	757	447	16952	100
2022-23						
Public	2074	328	87	61	2550	18
Private	8937	2080	621	313	11951	82
Total	11011	2408	708	374	14501	100

Note: KP figures include GB & AJK.

Table 5.2 (b) Fertilizer Warehouse Capacity

Sector	Capacity ('000 tonnes)	% Share by Sector
2012-13		
Public	168	11
Private	1297	89
Total	1465	100
2013-14		
Public	168	12
Private	1199	88
Total	1367	100
2014-15		
Public	184	14
Private	1132	86
Total	1316	100
2015-16		
Public	184	12
Private	1389	88
Total	1573	100
2016-17		
Public	184	10
Private	1659	90
Total	1843	100
2017-18		
Public	184	9
Private	1825	91
Total	2009	100
2018-19		
Public	184	9
Private	1829	91
Total	2013	100
2019-20		
Public	115	5
Private	2162	95
Total	2277	100
2020-21		
Public	115	6
Private	1680	94
Total	1795	100
2021-22		
Public	115	7
Private	1550	93
Total	1665	100
2022-23		
Public	115	6
Private	1892	94
Total	2007	100

Table 5.3 Fertilizer Imports by Public and Private Sector

(000 tonnes)

Sector	2012-13	2013-14	2014-15	2015-16	2016-17
Urea					
Public Sector	761	1155	650	253	0
Private Sector	0	0	0	0	0
Total	761	1155	650	253	0
DAP					
Public Sector	0	0	0	0	0
Private Sector	589	933	1031	1201	1450
Total	589	933	1031	1201	1450
MOP					
Public Sector	0	0	0	0	0
Private Sector	3	21	34	3	29
Total	3	21	34	3	29
AS					
Public Sector	0	0	0	0	0
Private Sector	1	3	7	15	14
Total	1	3	7	15	14
NP					
Public Sector	0	0	0	0	0
Private Sector	1	12	2	5	0
Total	1	12	2	5	0
SSP					
Public Sector	0	0	0	0	0
Private Sector	0	0	0	17	7
Total	0	0	0	17	7
SOP					
Public Sector	0	0	0	0	0
Private Sector	10	3	6	12	23
Total	10	3	6	12	23
MAP					
Public Sector	0	0	0	0	0
Private Sector	0	0	0	0	0
Total	0	0	0	0	0
Grand Total					
Public Sector	761	1155	650	253	0
Private Sector	604	972	1079	1253	1524
Total	1365	2127	1729	1506	1524
Per cent Share					
Public Sector	56	54	38	17	0
Private Sector	44	46	62	83	100
Total	100	100	100	100	100

Continued.....

Table 5.3 Fertilizer Imports by Public and Private Sector

(000 tonnes)						
Sector	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Urea						
Public Sector	0	105	101	0	100	400
Private Sector	0	0	0	0	0	0
Total	0	105	101	0	100	400
DAP						
Public Sector	0	0	0	0	0	0
Private Sector	1778	1511	1211	1263	894	444
Total	1778	1511	1211	1263	894	444
MOP						
Public Sector	0	0	0	0	0	0
Private Sector	37	26	24	54	43	1
Total	37	26	24	54	43	1
AS						
Public Sector	0	0	0	0	0	0
Private Sector	20	59	93	92	21	12
Total	20	59	93	92	21	12
NP						
Public Sector	0	0	0	0	0	0
Private Sector	0	14	0	0	0	0
Total	0	14	0	0	0	0
SSP						
Public Sector	0	0	0	0	0	0
Private Sector	12	23	0	0	0	0
Total	12	23	0	0	0	0
SOP						
Public Sector	0	0	0	0	0	0
Private Sector	49	47	20	36	42	16
Total	49	47	20	36	42	16
MAP						
Public Sector	0	0	0	0	0	0
Private Sector	0	28	41	11	25	1
Total	0	28	41	11	25	1
Grand Total						
Public Sector	0	105	101	0	100	400
Private Sector	1896	1708	1389	1454	1025	473
Total	1896	1813	1490	1454	1125	873
Per cent Share						
Public Sector	0	6	7	0	9	46
Private Sector	100	94	93	100	91	54
Total	100	100	100	100	100	100

Table 5.4 Market Shares of Various Agencies in Fertilizer Offtake

(Percent)

Agencies/Sectors	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Public Sector						
NFML	11	10	10	2	1	2
Private Sector						
FatimaFert (DHCL)	1	1	01	1	4	0
EFERT	20	26	28	26	25	27
FFC	46	40	39	44	40	47
Pak Arab	1	3	4	7	7	3
Agri-Tech Pvt Ltd	2	2	1	3	3	1
LCFL	0.3	0.2	0.1	0.2	0.0	0.0
Fatima Fertilizer	14	13	14	10	14	14
Suraj Fertilizer	0.2	0.1	0.2	0.3	0.1	0.2
Safi chemicals	-	-	-	0.2	0.1	-
Private Importers	4	4	3	6	5	5
Total Private Sector	89	90	90	98	99	98
Grand Total	100	100	100	100	100	100

Continued...

Table 5.4 Market Shares of Various Agencies in Fertilizer Offtake

(Percent)

Agencies/Sectors	2018-19	2019-20	2020-21	2021-22	2022-23
Public Sector					
NFML	1	1.1	-	0.1	5.2
Private Sector					
EFERT	29	27.7	28	26	37.4
FFC	43	43.2	39	40	23.4
Pak Arab	3	2.5	3	8	8.4
Agri-Tech Pvt Ltd	3	2.7	2	4	4.0
Fatima Fert (DHCL)	3	3.8	-	-	1
LCFL (Al-hamad Group)	0.01	-	-	-	-
Fatima Fertilizer	14	13.2	21	17	19.2
Suraj Fertilizer	0.2	0.1	0.3	0.3	0.1
Safi Chemical	0.01	0.02	0.01	0.04	0
Pacific Exim	-	-	1.3	0.67	0.46
Private Importers	4	5.5	4.7	3.75	1.71
Total Private Sector	99	98.9	100	99.9	95
Grand Total	100	100	100	100	100

Table 5.5 (a) Average Cost of Imported Fertilizers in Pak Rupees

(Rs per tonne)

Year	Urea	DAP	TSP	SOP
C & F Cost				
2010-11	32,734	54,297	46,140	54,126
2011-12	43,360	55,819	52,234	57,505
2012-13	40,820	53,588	46,527	57,526
2013-14	35,487	46,493	39,704	65,451
2014-15	34,439	50,442	43,859	57,795
2015-16	27,829	44,089	40,441	56,852
2016-17	25,858	38,212	32,349	54,184
2017-18	30,975	46,023	36,137	59,290
2018-19	43,277	57,838	51,714	72,790
2019-20	43,458	53,572	49,621	80,108
2020-21	54,407	74,409	61,608	102,224
2021-22	126,877	150,655	133,797	188,415
2022-23	119,803	175,116	151,552	176,300

Table 5.5 (b) Average Cost of Imported Fertilizers in US \$

(US \$ per tonne)

Year	US \$ Exchange Rate	Urea	DAP	TSP	SOP
C&F Cost*					
2010-11	85.5	383	635	540	633
2011-12	89.2	486	626	586	645
2012-13	96.7	422	554	481	595
2013-14	102.9	345	452	386	636
2014-15	101.3	340	498	433	571
2015-16	104.2	267	423	388	545
2016-17	104.7	247	365	309	518
2017-18	109.8	282	419	329	540
2018-19	136.1	318	425	380	535
2019-20	158.0	275	339	314	507
2020-21	160.0	340	465	385	639
2021-22	177.5	715	849	754	1062
2022-23	248.0	483	706	611	711

Note: Exchange Rate is taken from Pakistan Economic Survey, 2022-23.

Raw Materials

Table 6.1 Natural Gas Production and Fertilizer Sector Share in Consumption

(Billion cubic feet)

Year	Total Production	Total Consumption	Consumption by Fertilizer Sector	Fertilizer Share in Total Consumption (%)
2000-01	857	768	175	22.8
2001-02	924	825	178	21.6
2002-03	993	872	181	20.8
2003-04	1,203	1051	185	17.6
2004-05	1,345	1161	190	16.4
2005-06	1,400	1223	198	16.2
2006-07	1,414	1222	194	15.9
2007-08	1,454	1275	200	15.7
2008-09	1,461	1269	201	15.8
2009-10	1,483	1278	220	17.2
2010-11	1,472	1241	228	18.4
2011-12	1,559	1288	211	16.4
2012-13	1,506	1268	188	14.8
2013-14	1,494	1221	216	17.7
2014-15	1,466	1225	225	18.4
2015-16	1,482	1305	238	18.8
2016-17	1,472	1377	276	20.0
2017-18	1,459	1455	248	17.0
2018-19	1,437	1454	233	16.0
2019-20	1,317	1324	248	18.7
2020-21	1,279	1462	314	21.5
2021-22	1,237	1342	319	23.8
2022-23	1,190	1225	286	23.3

Source: 1) Economic Survey 2022-23, Finance Division, Government of Pakistan.

2) Ministry of Energy, Petroleum Division.

Table 6.2 Calorific Value of Gas and Quantity Needed for Urea Manufacturing

	Mari	Sui
BTU/CFT	723	925
Gas required per tonne of urea (MMBTU)	Feedstock	24
	Fuel	6
	Total	30

Table 6.3 Rock Phosphate Deposits in Hazara Division, Pakistan

Type	Kakul	Eastern	Batkanala	Southern	Lagarban (North South)
Reserves (million tonne)	0.70	2.10	1.20	1.65	1.55
<u>Contents/Properties in %</u>					
Phosphate (P ₂ O ₅)	30.9	30.6	24.7	24.4	25.0
Calcium (C ₁₁ O)	40.8	40.8	39.9	41.9	41.3
Silica (S ₇ O ₂)	18.4	19.6	5.4	6.8	-
Magnesium (MgO)	1.4	1.2	5.0	5.3	3.8
Iron (Fe ₂ O ₃)	2.1	1.3	0.9	2.2	3.7
Aluminum (Al ₂ O ₃)	1.1	0.8	0.6	0.5	1.0
Ignition Loss (LOI)	1.2	2.1	14.0	13.8	-
Fluorine (F)	2.2	2.5	2.5	2.6	2.5

Source: Sarhad Development Authority.

British Mining Consultant Ltd, various reports.

Selected World Fertilizer and Agricultural Statistics

Table 7.1 (a) Production of Nitrogen, Phosphate and Potash in Selected Countries during 2021

('000 tonnes nutrients)			
Continent/Country	Nitrogen	Phosphate	Potash
Africa			
Algeria	1,043.2	32.4	-
Egypt	3,605.6	290.0	-
Morocco	1,641.6	5,443.5	-
Nigeria	724.3	-	-
South Africa	145.6	188.6	-
Tunisia	154.3	-	-
Senegal	18.3	7.4	-
Zimbabwe	5.5	43.4	-
North & Central America			
Canada	3,745.8	-	13,551.9
Mexico	306.7	427.8	-
USA	12,677.8	5,061.7	349.0
South America			
Argentina	400.8	81.8	0.5
Bolivia	-	-	16.5
Brazil	704.6	1,926.0	213.0
Chile	17.5	-	900.0
Columbia	90.5	59.1	91.8
Trinidad & Tobago	794.1	-	-
Venezuela	194.8	-	-
Asia			
Afghanistan	14.4	1.5	-
Bangladesh	379.8	82.8	-
Bahrain	339.2	-	-
Myanmar	90.8	-	-
China	28,140.2	15,913.3	4,984.7
India	13,870.2	4,711.7	-
Indonesia	4,218.5	535.1	-
Iran	1,826.6	-	-
Iraq	114.2	2.8	-
Israel	31.7	398.5	2,210.1
Japan	564.0	186.8	-
Jordan	151.1	383.4	1,598.2
Kazakhstan	162.2	195.7	0.2
Republic of Korea	364.7	230.2	143.8
Dem. Peoples of Rep. Korea	-	-	-
Kuwait	-	-	-
Lebanon	-	43.8	-
Libya	15.0	-	-
Malaysia	895.2	-	-
Oman	1,603.8	-	-

Continued.....

Table 7.1 (a) Production of Nitrogen, Phosphate and Potash in Selected Countries during 2021

('000 tonnes nutrients)			
Continent/Country	Nitrogen	Phosphate	Potash
Pakistan	3,370.5	571.9	18.8
Philippines	141.8	121.6	130.1
Qatar	2,590.6	-	-
Saudi Arabia	2,997.7	2,391.1	-
Thailand	118.7	-	-
Turkey	1,325.5	739.8	154.8
Turkmenistan	610.8	20.0	21.0
UAE	933.2	-	-
Uzbekistan	1,173.1	139.9	197.4
Vietnam	1,099.6	510.7	-
Europe			
Austria	-	-	-
Belarus	958.9	215.0	7,562.2
Belgium	787.6	319.7	-
Bosnia & Herzegovina	30.5	-	-
Bulgaria	644.6	-	-
Croatia	223.2	28.5	27.8
Czechia	145.0	-	-
Estonia	0.3	-	-
Finland	195.8	192.6	-
France	205.9	-	-
Germany	1,264.7	-	2,593.4
Greece	0	117.7	-
Hungary	341.9	-	-
Italy	287.4	93.1	-
Netherlands	1,632.9	14.5	-
Norway	575.0	344.3	-
Lithuania	715.7	294.1	-
Poland	2,101.7	449.1	392.9
Portugal	70.0	48.1	-
Serbia	79.4	63.3	-
Romania	599.9	81.5	-
Russia	11,403.3	4,316.3	10,708.0
Slovakia	338.8	-	-
Spain	754.7	203.6	677.2
United Kingdom	308.5	-	99.3
Ukraine	983.5	-	-
Oceania			
Australia	388.1	543.3	-
New Zealand	96.6	188.7	-
World Total	118,547.9	48,270.1	46,642.7

Source: FAO Statistics

Table 8.1 (b) Summary of World Urea Capacities from 2023 to 2027

('000 nutrient tonnes)					
Continent/Country	2023	2024	2025	2026	2027
West Europe					
Austria	193	193	193	193	193
France	327	327	327	327	327
Germany	1,175	1,175	1,175	1,175	1,175
Italy	294	294	294	294	294
Netherlands	1,056	1,056	1,056	1,056	1,056
Portugal	-	-	-	-	-
Spain	185	185	185	185	185
Central Europe					
Croatia	228	228	228	228	228
Czechia	-	-	-	-	-
Hungary	91	91	91	91	91
Poland	859	859	859	859	859
Romania	639	639	639	639	639
Serbia	-	-	-	-	-
Slovakia	137	137	137	137	137
East Europe & Central Asia					
Belarus	562	562	562	562	562
Azerbaijan	304	304	304	304	304
Kazakhstan	-	-	-	-	365
Lithuania	357	357	357	357	357
Russia	6,190	6,598	7,306	7,380	7,987
Tajikistan	-	-	-	-	-
Turkmenistan	979	979	979	979	979
Ukraine	1,485	1,485	1,485	1,485	1,485
Uzbekistan	542	542	542	542	542
North America					
Canada	1,951	1,951	1,991	1,991	1,991
USA	5,921	5,954	5,954	5,954	5,954
Latin America					
Argentina	607	607	607	607	607
Brazil	517	517	517	517	517
Colombia	-	-	-	-	-
Mexico	228	456	456	456	456
Bolivia	319	319	319	319	319
Trinidad & Tobago	641	641	641	641	641
Venezuela	1,211	1,211	1,211	1,211	1,211
Africa					
Algeria	1,587	1,587	1,587	1,587	1,587
Egypt	3,086	3,086	3,154	3,154	3,154
Gabon	-	-	-	-	-

Continued.....

Table 8.1 (b) Summary of World Urea Capacities from 2023 to 2027

('000 nutrient tonnes)					
Continent/Country	2023	2024	2025	2026	2027
Libya	418	418	418	418	418
Mozambique	-	-	-	-	-
Nigeria	2,612	2,612	2,612	3,256	3,256
West Asia					
Afghanistan	47	47	47	47	47
Bahrain	258	258	258	258	258
Iran	3,589	3,589	3,589	3,589	3,589
Iraq	644	644	644	644	644
Kuwait	-	-	-	-	-
Oman	1,313	1,313	1,313	1,313	1,911
Qatar	2,575	2,575	2,575	2,575	2,575
Saudi Arabia	2,003	2,003	2,003	2,003	2,003
Syria	129	129	129	129	129
Turkey	258	507	507	507	507
United Arab Emirates	880	880	880	880	880
Asia					
Bangladesh	1,583	1,748	1,748	1,748	1,748
India	14,396	14,396	14,980	14,980	14,980
Pakistan	2,919	2,919	2,919	2,919	2,919
East Asia					
China	31,244	31,825	31,825	31,825	31,825
Indonesia	4,313	4,313	4,313	4,207	4,207
Japan	236	236	236	236	236
North Korea	-	-	-	-	-
Brunei	592	592	592	592	592
Malaysia	1,123	1,123	1,123	1,123	1,123
Myanmar	343	343	343	343	343
Vietnam	1,234	1,234	1,234	1,234	1,234
Oceania					
Australia	-	-	-	-	460
New Zealand	121	121	124	124	124
World Total	104,501	106,165	107,568	108,180	110,209

Note: For Conversion to urea product ÷ by 0.46

Source: World Urea Capacities, 2023 Summary Report, IFA, France.

Table 7.2 World Production, Trade and Consumption of Fertilizers (2017 to 2021)

Fertilizer Nutrient	Quantity ('000 tonnes)					% Change over previous year				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
Production										
Nitrogen (N)	117,654	116,886	122,741	120,554	118,548	-	-0.65	5.01	-1.78	-1.66
Phosphate (P ₂ O ₅)	46,843	44,352	46,976	47,381	48,270	-	-5.32	5.92	0.86	1.88
Potash (K ₂ O)	43,852	45,923	42,778	44,986	46,643	-	4.72	-6.85	5.16	3.68
Total (N+P₂O₅+K₂O)	208,349	207,161	212,495	212,921	213,461	-	-0.57	2.57	0.20	0.25
Import										
Nitrogen (N)	44,032	43,099	46,652	48,388	48,526	-	-2.12	8.24	3.72	0.29
Phosphate (P ₂ O ₅)	20,291	21,066	21,631	22,317	22,926	-	3.82	2.68	3.17	2.73
Potash (K ₂ O)	38,962	38,186	36,931	39,010	40,171	-	-1.99	-3.29	5.63	2.98
Total (N+P₂O₅+K₂O)	103,285	102,351	105,215	109,715	111,622	-	-0.90	2.80	4.28	1.74
Export										
Nitrogen (N)	44,057	44,655	45,847	46,773	45,978	-	1.36	2.67	2.02	-1.70
Phosphate (P ₂ O ₅)	19,910	20,979	20,750	21,982	22,033	-	5.37	-1.09	5.94	0.23
Potash (K ₂ O)	43,467	35,641	34,673	35,263	38,546	-	-18.00	-2.72	1.70	9.31
Total (N+P₂O₅+K₂O)	107,435	101,275	101,270	104,018	106,557	-	-5.73	0.00	2.71	2.44
Consumption										
Nitrogen (N)	109,924	108,795	105,111	110,542	108,688	-	-3.39	5.17	-1.68	-3.39
Phosphate (P ₂ O ₅)	44,808	44,457	44,119	48,365	46,270	-	-0.76	9.62	-4.33	-0.76
Potash (K ₂ O)	38,873	38,961	36,995	39,025	40,128	-	-5.05	5.49	2.83	-5.05
Total (N+P₂O₅+K₂O)	193,604	192,213	186,226	197,931	195,086	-	-3.11	6.29	-1.44	-3.11

Note: Difference between exports and imports are mainly due to (i) the time lag between the dates when the exports are recorded and the date of their entry into the importing countries, (ii) the time reference period - some exporting countries report the calendar year while the corresponding importing countries report for the fertilizer year, and vice versa. (iii) the different statistical systems used in reporting intermediate.

Source: FAO Statistics

Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Africa												
Algeria	1,043,200	32,400	-	1,043,200	32,400	-	70,200	58,800	26,700	70,200	58,800	26,700
Angola	-	-	-	-	-	-	23,881	8,180	10,074	17,204	5,732	7,190
Benin	-	-	-	-	-	-	56,309	28,142	28,142	57,531	28,223	28,223
Botswana	-	-	-	-	-	-	13,642	2,171	1,398	13,085	1,260	1,064
Burkina Faso	-	-	-	-	-	-	50,466	27,746	24,875	42,624	16,210	13,824
Burundi	-	-	-	-	-	-	6,889	13,649	3,687	6,889	13,649	3,687
Cabo Verde	-	-	-	-	-	-	204	27	54	191	35	43
Cameroon	-	-	-	-	-	-	42,025	17,305	23,660	42,025	17,305	23,660
Central African Republic	-	-	-	-	-	-	224	29	177	224	29	177
Chad	-	-	-	-	-	-	2,146	2,942	6,809	2,146	2,942	6,809
Comoros	-	-	-	-	-	-	89	67	67	46	40	40
Congo	-	-	-	-	-	-	3,086	906	1,485	2,172	1,088	2,101
Côte d'Ivoire	-	-	-	-	-	-	42,899	50,042	66,781	52,565	48,110	59,913
Congo	-	-	-	-	-	-	23,689	1,771	3,135	23,689	1,771	3,135
Djibouti	-	-	-	-	-	-	32	14	5	32	14	5
Egypt	3,605,600	290,000	-	3,605,600	290,000	-	1,331,900	258,700	78,900	1,331,900	258,700	78,900
Equatorial Guinea	-	-	-	-	-	-	560	176	239	560	176	239
Eritrea	-	-	-	-	-	-	3,490	-	-	2,070	-	2
Eswatini	-	-	-	-	-	-	5,548	3,532	1,887	5,630	2,709	1,887
Ethiopia	-	-	-	-	-	-	455,513	188,702	1,728	475,878	208,200	2,296
Gabon	-	-	-	-	-	-	2,689	1,957	2,268	3,700	2,806	2,676
Gambia	-	-	-	-	-	-	21	99	224	476	447	61
Ghana	-	-	-	-	-	-	80,822	84,400	70,800	76,839	49,355	49,786

Continued.....

Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

(tonnes)

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Guinea	-	-	-	-	-	-	7,055	7,958	6,244	7,055	7,958	6,244
Guinea-Bissau	-	-	-	-	-	-	5,247	2,272	1,997	5,247	2,272	1,997
Kenya	-	-	-	-	-	-	194,857	167,235	19,635	171,766	152,574	27,500
Lesotho	-	-	-	-	-	-	2,733	470	518	3,002	355	198
Liberia	-	-	-	-	-	-	6,678	2,891	2,541	1,121	843	821
Libya	15,000	-	-	15,000	-	-	13,700	16,878	1,213	13,700	10,268	1,357
Madagascar	-	-	-	-	-	-	19,108	5,399	4,619	6,842	5,791	269,639
Malawi	-	-	-	-	-	-	269,639	60,592	55,852	270,412	60,677	55,854
Mali	-	-	-	-	-	-	157,227	47,266	34,232	157,227	47,266	34,232
Mauritania	-	-	-	-	-	-	3,921	1,697	1,492	3,921	1,697	1,492
Mauritius	-	-	-	-	-	-	5,654	2,220	3,412	6,177	3,206	4,604
Morocco	1,641,600	5,443,500	-	1,641,600	5,443,500	-	228,500	100,400	102,021	228,500	100,400	86,457
Mozambique	-	-	-	-	-	-	47,901	8,107	7,350	56,860	11,181	1,211
Namibia	-	-	-	-	-	-	2,728	67	186	2,728	67	186
Niger	-	-	-	-	-	-	6,100	613	3,668	6,100	613	3,668
Nigeria	724,300	-	-	724,300	-	-	436,400	136,100	113,700	436,400	136,100	113,700
Réunion	-	-	-	-	-	-	592	93	10,572	-	-	-
Rwanda	-	-	-	-	-	-	12,530	16,914	5,899	10,572	15,287	4,457
Sao Tome and Principe	-	-	-	-	-	-	131	41	56	45	7	134
Senegal	20,224	7,367	-	18,320	7,367	-	46,766	16,803	17,301	17,187	7,367	9,300
Seychelles	-	-	-	-	-	-	46	16	20	46	16	20
Sierra Leone	-	-	-	-	-	-	16,685	7,223	6,349	2,478	872	873
Somalia	-	-	-	-	-	-	1,195	294	70	934	195	49
South Africa	145,600	188,600	-	145,600	188,600	-	588,395	287,104	255,545	618,738	348,758	288,170

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Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

(tonnes)

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
South Sudan	-	-	-	-	-	-	108	40	34	60	1	1
Sudan	-	-	-	-	-	-	120,477	26,958	1,693	120,477	26,958	1,693
Togo	-	-	-	-	-	-	3,502	1,795	1,795	1,053	936	3,483
Tunisia	123,150	248	-	154,296	-	-	58,146	25,500	5,700	104,375	25,500	6,166
Uganda	-	-	-	-	-	-	7,725	4,030	5,098	7,725	4,030	5,098
Tanzania	-	-	-	-	-	-	171,355	32,934	17,737	88,895	13,717	22,291
Zambia	-	-	-	-	-	-	191,734	57,818	53,552	178,635	34,031	30,171
Zimbabwe	5,500	43,400	-	5,500	43,400	-	39,300	47,900	16,700	39,300	47,900	16,700
North & Central America												
Belize	-	-	-	-	-	-	16,635	12,061	10,759	16,982	12,437	8,395
Bermuda	-	-	-	-	-	-	54	24	24	30	21	21
Canada	3,885,980	-	13,551,900	3,745,760	-	13,551,900	3,046,000	1,194,000	784,000	2,830,000	1,094,000	899,000
Costa Rica	-	-	-	-	-	-	94,724	21,100	44,688	81,386	17,650	45,750
El Salvador	-	-	-	-	-	-	40,437	8,096	9,843	52,142	10,466	3,864
Greenland	-	-	-	-	-	-	23	18	2	23	18	2
Guatemala	-	-	-	-	-	-	211,386	68,634	88,424	189,767	62,411	88,692
Honduras	-	-	-	-	-	-	128,017	44,680	69,967	104,869	33,279	56,412
Mexico	482,300	427,800	-	306,724	427,800	-	1,427,137	375,422	269,427	1,315,526	633,256	245,463
Nicaragua	-	-	-	-	-	-	67,153	19,439	29,233	62,169	15,523	25,575
Panama	-	-	-	-	-	-	30,350	10,144	15,758	38,361	12,601	19,047
USA	14,019,950	5,061,700	349,199	12,677,760	5,061,700	349,019	11,976,174	4,103,602	4,607,747	11,884,684	3,930,509	4,491,989

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Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

(tonnes)

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
South America												
Argentina	559,954	90,000	480	400,777	81,778	533	1,400,381	868,635	48,161	1,658,017	885,448	81,041
Bolivia	-	-	16,494	-	-	16,494	22,573	20,587	5,727	26,653	18,073	5,678
Brazil	333,704	1,991,983	249,709	704,574	1,925,998	213,028	5,910,866	7,233,810	7,221,888	6,700,508	6,623,589	8,198,403
Chile	17,500	-	900,000	17,500	-	900,000	220,537	146,653	87,300	233,325	151,135	87,300
Colombia	90,500	59,100	91,800	90,500	59,100	91,800	528,009	245,228	456,516	489,421	235,466	501,429
Ecuador	-	-	-	-	-	-	208,213	54,722	113,740	208,213	54,722	113,740
French Guiana	-	-	-	-	-	-	1,310	1,314	1,211	-	-	-
Guyana	-	-	-	-	-	-	17,473	2,681	1,996	20,199	3,396	1,978
Paraguay	-	-	-	-	-	-	141,490	228,932	213,838	156,931	252,600	252,817
Peru	-	-	-	-	-	-	311,854	116,060	128,906	331,181	58,596	89,982
Suriname	-	-	-	-	-	-	13,505	1,037	599	8,529	933	716
Uruguay	-	-	-	-	-	-	204,059	122,636	65,943	228,212	126,624	73,867
Venezuela	194,800	13,800	-	194,800	-	-	111,517	21,344	7,477	115,021	8,677	8,606
Asia												
Afghanistan	14,416	1,541	-	14,416	1,541	-	43,142	24,956	128	33,342	7,288	101
Armenia	-	-	-	-	-	-	90,106	23	210	90,106	23	210
Azerbaijan	-	-	-	-	-	-	212,378	530	7,679	212,378	530	7,679
Bahrain	339,240	-	-	339,240	-	-	155	76	2,700	155	76	2,700
Bangladesh	379,840	82,800	-	379,840	82,800	-	1,361,860	747,040	458,400	1,528,280	1,113,660	474,000
Bhutan	-	-	-	-	-	-	802	326	218	802	326	218
Brunei Darussalam	-	-	-	-	-	-	243	232	234	243	232	234
Cambodia	-	-	-	-	-	-	110,158	59,863	10,942	121,718	67,910	14,664
Hong Kong	-	-	-	-	-	-	547	214	215	-	-	-
China	28,240,959	14,886,827	4,680,302	28,049,919	15,876,680	4,984,733	22,040,259	10,239,914	9,705,391	21,276,430	10,094,566	9,431,036

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Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

(tonnes)

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Taiwan	68,976	20,412	-	90,295	36,582	-	142,655	114,874	112,711	128,905	102,242	99,397
Cyprus	-	-	-	-	-	-	8,072	5,044	3,547	6,705	4,304	3,779
North Korea	-	-	-	-	-	-	29,843	1,626	12,000	19,379	11,926	12,000
Georgia	178,651	-	-	-	-	-	44,200	7,115	3,926	-	-	-
India	13,744,500	4,737,200	-	13,870,200	4,711,700	-	20,404,000	8,977,900	3,153,700	19,488,300	7,828,500	2,529,500
Indonesia	4,292,830	661,392	-	4,218,544	535,140	-	3,540,990	1,211,225	1,775,466	3,669,339	1,197,578	2,476,640
Iran	1,826,568	-	-	1,826,568	-	-	903,185	109,916	58,975	903,185	109,916	58,975
Iraq	114,212	2,755	-	114,212	2,755	-	173,014	95,928	5,231	173,014	95,928	5,231
Israel	31,726	347,024	2,199,955	31,726	398,513	2,210,055	45,400	7,745	37,732	46,300	6,964	46,784
Japan	525,463	183,100	-	564,010	186,794	-	354,900	322,000	209,600	354,900	322,000	209,600
Jordan	151,100	383,400	1,598,200	151,100	383,400	1,598,200	15,236	463	1,767	24,452	1,090	2,126
Kazakhstan	162,163	195,729	209	162,163	195,729	209	74,401	88,064	2,285	81,000	47,700	3,200
Kuwait	-	-	-	-	-	-	3,179	2,598	3,889	3,179	2,598	3,889
Kyrgyzstan	-	-	-	-	-	-	25,930	2,770	455	25,930	2,770	455
Lao	-	-	-	-	-	-	36,525	28,574	-	37,268	25,023	-
Lebanon	-	43,800	-	-	43,800	-	17,166	5,900	4,394	9,379	5,900	5,104
Malaysia	895,200	-	-	895,200	-	-	332,429	154,410	826,378	458,916	179,573	1,134,317
Maldives	-	-	-	-	-	-	244	58	53	256	92	82
Mongolia	-	-	-	-	-	-	43,144	710	669	40,228	723	709
Myanmar	90,844	-	-	90,844	-	-	472,540	141,752	129,969	315,299	49,063	60,518
Nepal	-	-	-	-	-	-	132,216	73,737	9,597	128,960	64,852	12,990
Oman	1,603,837	-	-	1,603,837	-	-	10,284	3,491	20,394	10,284	2,912	13,969
Pakistan	3,370,461	571,890	18,833	3,381,533	592,397	21,139	3,533,784	1,204,060	60,973	3,715,043	1,110,015	78,125

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Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

(tonnes)

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Palestine	-	-	-	-	-	-	11,098	3,835	782	13,749	1,475	361
Philippines	65,041	65,436	53,901	141,810	121,626	130,141	750,453	206,193	212,602	715,904	258,040	323,078
Qatar	2,590,600	-	-	2,590,600	-	-	1,608	1,283	2,213	1,557	1,067	2,421
South Korea	367,726	260,794	166,058	364,743	230,178	143,831	229,251	83,489	99,364	212,228	84,197	81,600
Saudi Arabia	2,997,700	2,391,100	-	2,997,700	2,391,100	-	175,600	73,500	55,000	175,600	73,500	55,000
Singapore	-	-	-	-	-	-	39	16	24	39	16	24
Sri Lanka	-	14,452	-	-	14,452	-	239,289	51,155	119,722	119,230	13,773	78,200
Syria	-	-	-	-	-	-	23,987	4,937	2,046	12,942	3,222	1,845
Tajikistan	-	-	-	-	-	-	71,182	7,234	2,793	70,982	3,656	1,088
Thailand	118,700	-	-	118,700	-	-	1,451,653	276,801	567,805	1,418,168	296,844	675,035
Timor-Leste	-	-	-	-	-	-	45	7	7	45	7	7
Türkiye	1,469,117	761,628	112,870	1,325,527	739,836	154,814	2,052,685	763,639	114,565	1,787,348	633,575	154,223
Turkmenistan	610,800	20,000	21,000	610,800	20,000	21,000	429,600	38,500	1,200	429,600	38,500	1,200
UAE	933,160	-	-	933,160	-	-	15,146	4,151	12,231	15,146	4,151	12,231
Uzbekistan	859,176	111,591	210,000	1,173,121	139,925	197,443	818,684	149,721	110,791	1,008,447	135,532	48,156
Viet Nam	1,099,610	510,734	-	1,099,610	510,734	-	1,572,827	750,302	578,928	1,572,827	750,302	578,928
Yemen	-	-	-	-	-	-	9,228	1,616	1,465	9,228	1,616	1,465
Europe												
Albania	-	-	-	-	-	-	32,579	22,899	5,339	-	-	-
Austria	-	-	-	-	-	-	115,676	32,104	35,028	106,483	26,504	36,690
Belarus	958,943	215,017	7,562,153	958,943	215,017	7,562,153	461,857	101,096	459,969	427,980	96,869	427,675
Belgium	787,600	319,700	-	787,600	319,700	-	149,878	12,952	61,212	155,829	12,965	61,212
Bosnia	30,461	-	-	30,461	-	-	61,674	10,450	11,570	46,966	6,734	8,817

Continued...

Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

(tonnes)

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Bulgaria	639,897	-	-	644,550	-	-	364,335	78,935	42,917	342,890	72,965	42,917
Croatia	364,161	37,340	36,090	223,200	28,468	27,765	98,963	35,210	43,383	102,190	34,412	41,722
Czechia	75,349	-	-	145,011	-	-	285,436	47,447	25,373	309,646	36,149	22,100
Denmark	-	-	-	-	-	-	233,475	37,330	72,936	202,178	34,522	75,890
Estonia	264	-	-	264	-	-	41,486	11,055	13,236	46,767	11,354	14,325
Faroe Islands	-	-	-	-	-	-	1,523	34	18	-	-	-
Finland	195,807	130,593	-	195,807	192,620	-	139,316	26,272	42,544	145,807	29,288	44,908
France	-	-	-	205,864	-	-	2,153,638	454,487	504,769	1,839,229	405,890	508,046
Germany	1,408,091	36	2,530,500	1,264,660	-	2,593,366	1,265,477	192,182	446,396	1,096,787	114,629	305,768
Greece	-	125,465	-	-	117,691	-	202,945	64,879	51,891	202,945	64,879	51,891
Hungary	341,921	-	-	341,921	-	-	445,152	112,126	97,412	450,189	112,257	107,402
Iceland	-	-	-	-	-	-	11,408	1,668	2,666	12,245	1,802	2,877
Ireland	-	-	-	-	-	-	379,519	143,210	171,398	399,164	143,210	171,398
Italy	287,388	93,097	-	287,388	93,097	-	574,530	224,973	131,262	572,105	247,179	138,935
Latvia	-	-	-	-	-	-	84,346	31,241	35,724	84,646	32,772	34,874
Lithuania	843,058	341,686	-	715,720	294,077	-	185,779	54,513	74,632	187,506	55,220	75,615
Luxembourg	-	-	-	-	-	-	12,000	816	773	12,705	866	610
Malta	-	-	-	-	-	-	586	408	157	586	408	165
Montenegro	-	-	-	-	-	-	1,439	680	673	1,336	714	726
Netherlands	1,632,900	14,500	-	1,632,900	14,500	-	211,802	13,494	52,654	207,059	12,153	55,965
North Macedonia	-	-	-	-	-	-	23,436	6,712	4,303	14,577	3,562	2,916
Norway	631,144	359,712	-	574,996	344,310	-	105,886	20,618	41,162	105,886	20,618	41,162
Poland	2,098,810	451,604	382,685	2,101,674	449,102	392,882	912,000	322,000	495,000	912,000	322,000	495,000

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Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

(tonnes)

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Portugal	70,025	48,062	-	70,025	48,062	-	103,171	37,688	35,060	91,320	39,032	39,336
Moldova	-	-	-	-	-	-	53,099	19,513	10,255	55,334	19,409	11,751
Romania	1,205,134	81,508	-	599,917	81,508	-	468,891	187,577	81,985	538,610	265,678	118,199
Russia	11,189,700	4,246,600	9,477,000	11,403,300	4,316,300	10,708,000	1,916,418	686,451	478,234	1,916,418	686,451	478,234
San Marino	-	-	-	-	-	-	151	62	47	-	-	-
Serbia	71,399	77,433	-	79,357	63,308	-	244,921	99,436	73,100	102,825	37,857	55,405
Slovakia	333,565	-	-	338,819	-	-	127,677	27,412	19,638	127,495	29,857	20,987
Slovenia	-	-	-	-	-	-	27,992	8,402	9,917	29,143	7,288	8,147
Spain	754,689	203,567	677,212	754,689	203,567	677,212	1,011,251	479,846	369,058	1,011,251	479,846	369,058
Sweden	-	-	-	-	-	-	215,171	38,110	43,652	215,171	38,110	43,652
Switzerland	-	-	-	-	-	-	43,129	13,274	13,621	43,559	9,659	16,853
Ukraine	983,472	2	-	983,472	-	-	1,716,082	432,663	339,942	1,769,865	450,786	363,464
UK	308,500	-	99,300	308,500	-	99,300	967,000	174,000	253,000	1,011,000	171,000	266,000
Oceania												
American Samoa	-	-	-	-	-	-	16	10	11	-	-	-
Australia	388,100	543,300	-	388,100	543,300	-	1,337,593	957,503	288,016	1,337,593	957,503	288,016
Cook Islands	-	-	-	-	-	-	19	17	2	15	11	3
Fiji	-	-	-	-	-	-	5,586	1,368	551	3,025	1,704	1,121
French Polynesia	-	-	-	-	-	-	309	158	199	-	-	-
Kiribati	-	-	-	-	-	-	-	3	-	-	-	-
Marshall Islands	-	-	-	-	-	-	-	-	-	-	-	-
Micronesia	-	-	-	-	-	-	-	2	-	-	-	-
Nauru	-	-	-	-	-	-	-	-	-	-	-	-

Continued...

Table 7.3 Production and Consumption of N, P₂O₅ & K₂O in Selected Countries during 2020 and 2021

(tonnes)

Continent / Country	Production						Consumption					
	2020			2021			2020			2021		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
New Caledonia	-	-	-	-	-	-	562	396	528	562	396	528
New Zealand	96,600	188,700	-	96,600	188,700	-	470,000	301,000	138,543	441,000	267,000	182,148
Niue	-	-	-	-	-	-	16	10	11	16	10	11
Northern Mariana	-	-	-	-	-	-	-	-	-	-	-	-
Palau	-	-	-	-	-	-	-	-	-	8	-	-
Papua New Guinea	-	-	-	-	-	-	26,415	2,953	6,578	24,908	1,766	9,036
Samoa	-	-	-	-	-	-	11	9	8	12	16	15
Solomon Islands	-	-	-	-	-	-	200	13	895	27	12	199
Tonga	-	-	-	-	-	-	84	77	76	97	64	66
Tuvalu	-	-	-	-	-	-	7	5	5	8	5	5
Vanuatu	-	-	-	-	-	-	1	1	-	-	-	0
World	120,553,525	47,381,427	44,985,850	118,547,958	48,270,146	46,642,712	110,541,659	48,364,923	39,024,540	108,688,168	46,269,708	40,128,174

Table 7.4 Fertilizer Use Per Hectare of Crop Land in Selected Countries during 2020 and 2021

Continent/Country	2020				2021			
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total
(kg)								
Africa								
Egypt	335.4	65.2	19.9	420.4	330.4	64.2	19.6	414.2
Morocco	22.0	10.7	10.4	43.1	22.1	10.8	8.8	41.8
South Africa	42.7	20.8	18.5	82.0	44.9	25.3	20.9	91.0
North & Central America								
Canada	71.4	31.1	19.4	121.9	66.3	28.5	22.2	117.0
USA	59.7	25.6	25.9	111.2	59.3	24.5	25.2	109.0
South America								
Brazil	79.9	108.7	103.1	291.7	88.0	96.7	113.7	298.4
Chile	97.2	56.5	36.1	189.8	103.0	58.4	36.1	197.5
Mexico	62.4	16.4	11.8	90.6	57.5	27.7	10.7	95.8
Asia								
Bangladesh	146.0	80.1	49.1	275.2	161.4	117.6	50.1	329.1
China	172.4	80.5	76.3	329.2	166.4	79.3	74.1	319.7
India	121.4	53.4	18.8	193.6	116.0	46.6	15.1	177.6
Indonesia	66.4	22.7	33.3	122.5	68.5	22.3	46.2	137.0
Japan	64.9	73.7	43.2	181.7	65.3	74.0	43.4	182.7
South Korea	146.5	53.4	63.5	263.3	137.2	54.4	52.8	244.4
Malaysia	40.1	18.6	99.7	158.5	55.4	21.7	136.9	214.0
Nepal	56.9	31.7	4.1	92.7	55.5	27.9	5.6	88.9
Pakistan	111.4	38.0	1.9	151.3	112.9	38.5	2.0	153.3
Sri Lanka	100.9	21.6	50.5	172.9	50.3	5.8	33.0	89.1
Thailand	64.6	12.3	25.3	102.2	62.5	13.1	29.7	105.3
Turkey	88.7	33.0	5.0	126.6	76.1	27.0	6.6	109.7
Vietnam	134.2	64.0	49.4	247.7	134.2	64.0	49.4	247.7
Europe								
Belarus	80.2	17.6	79.9	177.6	74.8	16.9	74.8	166.6
Denmark	97.4	15.6	30.4	143.4	84.8	14.5	31.8	131.1
France	102.2	21.6	24.0	147.7	87.3	19.3	24.1	130.6
Germany	85.4	14.6	32.0	131.9	74.0	8.7	21.9	104.6
Netherlands	101.6	11.7	35.4	148.7	99.6	10.5	37.7	147.7
Poland	63.3	25.1	36.5	124.9	63.7	25.3	36.7	125.7
Russia	15.5	5.6	3.9	25.0	15.5	5.6	3.9	25.0
Spain	60.8	28.8	22.2	111.8	60.9	28.9	22.2	112.0
UK	128.4	20.2	31.5	180.2	133.6	19.8	32.9	186.3
Ukraine	50.8	12.8	10.1	73.7	52.4	13.4	10.8	76.5
Oceania								
Australia	38.8	21.6	7.4	67.9	38.0	21.2	7.3	66.5
NewZealand	62.6	25.0	27.7	115.3	51.1	19.4	31.7	102.2
World	66.9	30.2	23.9	121.0	65.5	28.8	24.4	118.6

Source: FAO Statistics

Table 7.5 Consumption Ratio of N and P₂O₅ in Relation to K₂O and N in Relation to P₂O₅ in Selected Countries

Continent/Country	N : P ₂ O ₅ : K ₂ O						N : P ₂ O ₅			
	2020			2021			2020		2021	
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	N	P ₂ O ₅
Africa										
Egypt	16.9	3.3	1	16.9	3.3	1.0	5.1	1	5.1	1
Morocco	2.2	1.0	1	2.6	1.2	1.0	2.3	1	2.3	1
South Africa	2.3	1.1	1	2.1	1.2	1.0	2.0	1	1.8	1
North & Central										
Canada	3.9	1.5	1	3.1	1.2	1.0	2.6	1	2.6	1
Mexico	5.3	1.4	1	5.4	2.6	1.0	3.8	1	2.1	1
USA	2.6	0.9	1	2.6	0.9	1.0	2.9	1	3.0	1
South America										
Brazil	0.8	1.0	1	0.8	0.8	1.0	0.8	1	1.0	1
Chile	2.5	1.7	1	2.7	1.7	1.0	1.5	1	1.5	1
Asia										
Bangladesh	3.0	1.6	1	3.2	2.3	1.0	1.8	1	1.4	1
China	2.3	1.1	1	2.3	1.1	1.0	2.2	1	2.1	1
India	6.5	2.8	1	7.7	3.1	1.0	2.3	1	2.5	1
Indonesia	2.0	0.7	1	1.5	0.5	1.0	2.9	1	3.1	1
Japan	1.7	1.5	1	1.7	1.5	1.0	1.1	1	1.1	1
South Korea	2.3	0.8	1	2.6	1.0	1.0	2.7	1	2.5	1
Malaysia	0.4	0.2	1	0.4	0.2	1.0	2.2	1	2.6	1
Nepal	13.8	7.7	1	9.9	5.0	1.0	1.8	1	2.0	1
Pakistan	58.0	19.7	1	47.6	14.2	1.0	2.9	1	3.3	1
Sri Lanka	2.0	0.4	1	1.5	0.2	1.0	4.7	1	8.7	1
Thailand	2.6	0.5	1	2.1	0.4	1.0	5.2	1	4.8	1
Turkey	17.9	6.7	1	11.6	4.1	1.0	2.7	1	2.8	1
Vietnam	2.7	1.3	1	2.7	1.3	1.0	2.1	1	2.1	1
Europe										
Belarus	1.0	0.2	1	1.0	0.2	1.0	4.6	1	4.4	1
Denmark	3.2	0.5	1	2.7	0.5	1.0	6.3	1	5.9	1
France	4.3	0.9	1	3.6	0.8	1.0	4.7	1	4.5	1
Germany	2.8	0.4	1	3.6	0.4	1.0	6.6	1	9.6	1
Netherlands	4.0	0.3	1	3.7	0.2	1.0	15.7	1	17.0	1
Poland	1.8	0.7	1	1.8	0.7	1.0	2.8	1	2.8	1
Russia	4.0	1.4	1	4.0	1.4	1.0	2.8	1	2.8	1
Spain	2.7	1.3	1	2.7	1.3	1.0	2.1	1	2.1	1
UK	3.8	0.7	1	3.8	0.6	1.0	5.6	1	5.9	1
Ukraine	5.0	1.3	1	4.9	1.2	1.0	4.0	1	3.9	1
Oceania										
Australia	4.6	3.3	1	4.6	3.3	1.0	1.4	1	1.4	1
New Zealand	3.4	2.2	1	2.4	1.5	1.0	1.6	1	1.7	1
World	2.8	1.2	1	2.7	1.2	1.0	2.3	1	2.3	1

Source: FAO Statistics

Table 7.6 Fertilizer Consumption per Capita and Yield of Principal Crops in Selected Countries

Continent/Country	Fertilizer Consumption (N+P ₂ O ₅ +K ₂ O) (Kg Per Capita) during 2021	Yield (Kg per Hectare) during 2022			
		Paddy	Wheat	Maize	Potato
Africa					
Egypt	15.28	8,974	6,782	8,065	28,862
Morocco	11.2	7,771	1,111	311	32,819
South Africa	21.14	2,888	3,685	5,376	37,803
North & Central America					
Canada	126.4	-	3,406	10,069	41,924
USA	60.26	8,276	3,127	10,880	49,089
South America					
Brazil	100.41	6,638	3,266	5,201	33,020
Chile	24.2	4,855	5,892	11,030	28,013
Mexico	17.32	6,552	6,093	3,928	31,223
Asia					
Bangladesh	18.4	4,891	3,450	8,912	21,863
China	28.21	7,080	5,855	6,436	16,701
India	21.21	4,229	3,537	3,387	25,236
Indonesia	26.82	5,238	-	5,794	19,602
Japan	7.11	6,921	4,371	2,588	30,588
South Korea	7.28	6,875	3,794	5,641	25,321
Malaysia	52.81	3,704	-	7,013	-
Nepal	6.88	3,787	2,991	3,152	17,204
Pakistan	20.73	3,690	2,920	5,922	25,267
Sri Lanka	9.7	3,045	-	3,078	13,781
Thailand	33.39	2,988	1,056	4,570	18,234
Turkey	30.37	7,883	2,992	9,325	37,391
Vietnam	29.78	6,020	-	4,995	16,736
Europe					
Belarus	99.44	-	2,956	4,203	22,245
Denmark	53.4	-	8,376	7,225	44,216
France	42.66	5,483	6,997	7,470	38,113
Germany	18.19	-	7,577	8,403	40,103
Netherlands	15.72	-	9,393	8,801	42,612
Poland	45.14	-	5,239	6,977	30,753
Russia	21.24	5,423	3,551	5,999	17,384
Spain	39.17	6,253	2,996	11,423	31,334
United Kingdom	21.52	-	8,590	-	37,898
Ukraine	59.37	4,414	3,925	6,349	17,354
Oceania					
Australia	99.65	11,055	2,847	8,175	42,036
New Zealand	173.53	-	939	11,531	50,861
World	24.66	4,705	3,689	5,718	21,069

Source: FAO Statistics

Table 7.7 Imports and Exports of N, P₂O₅ & K₂O in Selected Countries during 2021

('000 tonnes)

Continent/ Country	Import				Export			
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total
Africa								
Egypt	1741.0	858.5	405.8	3005.3	1269.8	86.8	66.1	1422.7
Libya	5.2	10.3	1.4	16.8	64.7	-	-	64.7
Morocco	107.7	3.5	295.4	406.6	1462.5	4404.0	208.9	6075.4
South Africa	646.8	174.0	312.2	1133.0	173.7	13.8	24.0	211.5
Tunisia	16.8	3.3	6.8	26.8	66.7	267.1	0.6	334.4
North & Central America								
Canada	1056.0	1095.7	63.4	2215.2	776.3	31.9	13009.7	13817.9
USA	4664.5	1588.7	8243.3	14496.4	1259.6	1642.7	186.8	3089.2
South America								
Brazil	6715.0	4886.9	8038.9	19640.8	78.4	61.5	53.5	193.3
Chile	349.1	153.3	54.4	556.8	133.3	2.2	607.9	743.3
Mexico	1056.7	410.3	247.0	1714.0	47.9	204.8	1.5	254.3
Trinidad & Tobago	0.9	0.9	1.2	3.0	742.6	-	-	742.6
Venezuela	8.6	8.7	8.6	25.9	88.4	-	-	88.4
Asia								
Bangladesh	511.4	946.2	192.2	1649.8	23.9	-	-	23.9
Bahrain	0.2	0.1	2.7	2.9	339.2	-	-	339.2
China	318.0	198.3	5024.9	5541.2	7075.9	5970.0	492.4	13538.3
India	5017.3	2504.3	2102.9	9624.5	45.0	35.2	9.6	89.8
Indonesia	429.5	700.2	2485.3	3615.0	978.7	37.8	8.7	1025.1
Iran	5.7	28.2	15.6	49.5	410.0	0.7	-	410.7
Israel	89.2	12.8	7.5	109.5	36.9	404.3	2154.2	2595.4
Japan	273.8	279.9	359.7	913.4	111.3	6.6	5.8	123.6
Jordan	20.4	6.0	5.6	32.0	186.4	413.0	1279.4	1878.8
South Korea	439.1	52.7	486.0	977.8	297.8	137.7	54.4	489.9
Kuwait	2.0	1.5	11.1	14.7	-	-	0.5	0.5
Malaysia	509.5	194.4	1172.9	1876.8	945.8	14.8	38.6	999.2
Oman	28.2	3.0	14.7	45.9	1619.8	0.1	0.7	1620.6
Pakistan	261.7	616.5	135.6	1013.8	0.6	-	-	0.6
Philippines	620.3	132.4	205.0	957.7	6.8	6.8	8.6	22.1
Qatar	1.6	1.1	2.4	5.0	2352.9	2.2	0.2	2355.3
Saudi Arabia	28.6	6.7	90.9	126.1	2152.0	1696.9	50.5	3899.4
Sri Lanka	85.2	7.2	1.4	93.7	-	-	-	0.0
Thailand	1466.0	337.1	710.0	2513.1	166.6	40.3	34.9	241.8
Turkey	1506.3	286.7	234.3	2027.3	288.8	141.7	32.8	463.2
UAE	30.7	12.4	38.3	81.4	1047.5	19.7	21.9	1089.0
Vietnam	610.7	260.2	739.8	1610.6	321.5	147.4	96.1	564.9

Continued.....

Table 7.7 Imports and Exports of N, P₂O₅ & K₂O in Selected Countries during 2021

('000 tonnes)

Continent/ Country	Import				Export			
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total
Europe								
Belarus	112.6	83.3	1.5	197.3	467.7	171.9	6206.2	6845.8
France	1876.7	492.4	603.1	2972.2	243.3	38.5	19.3	301.1
Germany	937.2	216.4	158.3	1311.9	1105.1	84.7	2428.1	3617.8
Italy	609.2	232.8	292.0	1134.0	164.1	79.4	44.9	288.4
Lithuania	273.1	132.4	161.8	567.2	884.9	359.4	81.0	1325.4
Netherlands	476.1	153.1	476.4	1105.7	2050.8	243.5	378.7	2673.1
Poland	641.7	220.5	786.4	1648.6	916.7	153.2	123.6	1193.5
Romania	611.1	273.8	112.7	997.5	123.6	42.5	24.4	190.5
Russia	29.3	19.4	95.8	144.5	7227.8	3131.6	8024.0	18383.4
Spain	850.8	274.3	404.5	1529.6	428.5	165.6	543.7	1137.8
Ukraine	755.1	422.5	361.9	1539.4	704.1	0.7	1.2	706.0
United Kingdom	840.0	160.4	281.0	1281.4	91.7	12.9	221.9	326.5
Oceania								
Australia	1741.0	858.5	405.8	3005.3	98.1	222.3	0.6	321.0
NewZealand	358.2	122.0	182.4	662.6	0.8	0.2	0.3	1.3
World	48,525.6	22,925.6	40,170.6	111,621.7	45,977.5	22,033.3	38,546.5	106,557.3

Note: Difference between exports and imports are mainly due to (i) the time lag between the dates when the exports are recorded and the date of their entry into the importing countries, (ii) the time reference period - some exporting countries report the calendar year while the corresponding importing countries report for the fertilizer year, and vice versa. (iii) the different statistical systems used in reporting intermediate.

Source: FAO Statistics

Table 7.8 Production and Export of Phosphoric Acid in Major Producing Countries from 2020 to 2022

('000 tonnes P₂O₅)

Continent/Country	Production			Export		
	2020	2021	2022	2020	2021	2022
West Europe	478	468	560	43	127	145
Belgium	155	151	263	7	120	118
Finland	303	297	277	37	7	27
Greece	20	20	20	-	-	-
Central Europe	305	264	240	-	-	-
Bulgaria	130	89	65	-	-	-
Poland	175	176	176	-	-	-
E. Europe & C. Asia	4 706	4 929	4 607	-	-	-
Belarus	200	200	200	-	-	-
Kazakhstan	195	200	200	-	-	-
Lithuania	470	474	372	-	-	-
Russia	3 719	3 933	3 714	-	-	-
Ukraine	2	2	1	-	-	-
Uzbekistan	120	120	120	-	-	-
North America	6 290	6 067	6 238	175	167	308
USA	6 290	6 067	6 238	175	167	308
Latin America	1 816	1 349	1 721	55	67	40
Brazil	1 216	728	1 141	-	-	-
Mexico	600	621	581	55	67	40
Africa	8 585	8 734	8 233	2 583	2 833	2 241
Egypt	250	250	250	48	-	-
Morocco	7 149	7 143	6 301	1 728	1 982	1 268
Senegal	500	588	552	458	496	566
South Africa	286	310	298	76	72	92
Tunisia	400	443	832	275	283	315.7
West Asia	4 575	4 772	4 390	889	795	795
Iran	50	52	52	-	-	-
Israel	573	559	539	193	116	116
Jordan	990	1 066	913	615	625	653
Lebanon	103	121	83	82	55	25
Saudi Arabia	2 375	2 539	2 442	-	-	-
Syria	20	20	20	-	-	-
Turkey	464	415	343	-	-	-
South Asia	1 592	1 629	1 729	-	-	-
Bangladesh	29	29	29	-	-	-
India	1 563	1 600	1 700	-	-	-
East Asia	17 970	16 432	16 580	271	247	389
China	17 201	15 650	15 781	271	232	311
Indonesia	300	272	302	-	-	-
Japan	31	32	32	-	-	-
South Korea	168	173	108	-	-	46
Philippines	-	32	82	-	16	32
Vietnam	270	275	275	-	-	-
Oceania	401	292	347	-	-	242
Australia	401	292	347	-	-	242
World Total	46 718	44 936	44 645	4 017	4 237	4 160

Source: World Phosphoric Acid Statistics by Country, (2011-22), IFA, Paris.

Table 7.9 Production of Rock Phosphate in Major Producing Countries from 2020 to 2022

(000 nutrient tonnes P₂O₅)

Country	2020	2021	2022
Finland	361	363	330
Kazakhstan	734	753	859
Russia	5 367	5 472	5 597
Uzbekistan	153	153	268
USA	6 736	6 298	5 639
Brazil	1 932	1 861	1 878
Colombia	11	12	22
Mexico	160	127	110
Peru	941	1 211	1 244
Venezuela	7	7	7
Algeria	359	541	550
Egypt	1 622	1 464	1 450
Morocco	11 321	11 576	9 360
Senegal	744	860	789
South Africa	714	618	706
Tanzania	11	8	13
Togo	476	522	554
Tunisia	902	1 072	1 034
Zimbabwe	13	13	12
Iran	27	26	27
Israel	942	828	757
Jordan	2 608	2 967	3 368
Saudi Arabia	2 875	2 777	2 584
Syria	126	218	230
Turkey	150	195	164
India	247	229	212
Pakistan	25	25	28
Sri Lanka	14	15	15
China	22 800	21 300	23 594
Vietnam	521	640	591
Australia	563	534	539
Christmas Island	117	159	158
Nauru	70	102	92
World Total	63 649	62 945	62 781

Source: World Phosphate Rock Statistics by Country (2011-22), IFA, Paris.

Table 7.10 Urea Production and Export in Major Producing Countries from 2020 to 2022

Continent/Country	Production			Export		
	2020	2021	2022	2020	2021	2022
	(000 nutrient tonnes N)					
West Europe	2 740	2 701	1 927	857	839	613
Austria	202	210	176	85	132	108
France	90	141	139	49	73	57
Germany	1 222	1 209	884	311	243	213
Italy	271	226	82	30	10	6
Netherlands	786	768	543	349	332	199
Spain	170	147	102	33	48	30
Central Europe	1 481	1 258	768	491	365	182
Croatia	214	141	19	136	106	12
Hungary	22	15	8	11	6	0
Poland	790	784	608	102	136	111
Romania	315	166	8	162	41	1
Slovakia	141	152	124	81	77	57
E. Europe & C. Asia	7 628	7 616	6 831	4 689	4 565	4 595
Azerbaijan	46	162	248	33	148	167
Belarus	568	595	450	101	128	21
Lithuania	297	266	109	95	71	16
Russia	4 452	4 514	4 803	3 329	3 202	3 793
Turkmenistan	557	598	684	327	366	448
Ukraine	1 450	1 182	252	704	519	33
Uzbekistan	258	299	286	100	131	117
North America	7 163	6 411	6 491	770	543	922
Canada	1 990	1 851	1 626	390	409	257
USA	5 173	4 560	4 865	381	133	665
Latin America	1 401	1 459	1 835	425	450	511
Argentina	585	423	636	-	-	-
Bolivia	-	40	168	10	23	151
Brazil	3	198	342	1	13	18
Mexico	6	19	60	-	-	-
Trinidad and Tobago	617	604	441	326	335	223
Venezuela	190	175	188	89	79	119

Table 7.10 Urea Production and Export in Major Producing Countries from 2020 to 2022

(000 nutrient tonnes N)

Continent/Country	Production			Export		
	2020	2021	2022	2020	2021	2022
Africa	5 358	5 943	6 110	3 905	4 208	4 643
Algeria	1 559	1 462	1 512	1 516	1 434	1 439
Egypt	3 101	3 036	2 943	2 174	2 097	2 005
Libya	15	81	49	9	68	50
Nigeria	683	1 364	1 607	206	609	1 149
West Asia	10 811	11 110	11 674	8 318	8 723	9 551
UAE	233	231	130	841	837	806
Bahrain	329	325	308	324	330	302
Iran	2 844	3 374	3 881	912	1 739	2 317
Iraq	70	70	71	-	-	-
Oman	1 545	1 539	1 534	1 538	1 491	1 502
Qatar	2 669	2 639	2 679	2 620	2 424	2 558
Saudi Arabia	2 200	2 063	2 241	2 083	1 902	2 067
Syria	21	21	21	-	-	-
Turkey	233	231	130	-	-	-
South Asia	15 163	14 862	16 272	-	-	-
Bangladesh	696	656	628	-	-	-
India	11 642	11 380	12 714	-	-	-
Pakistan	2 826	2 826	2 930	-	-	-
East Asia	31 502	31 151	32 595	4 474	4 406	3 561
Brunie	-	-	-	-	-	178
China	25 866	25 300	26 502	2 507	2 438	1 302
Indonesia	3 639	3 665	3 383	1 061	1 017	812
Japan	165	191	204	17	19	15
Malaysia	895	879	1 036	682	786	944
Myanmar	45	17	18	-	-	-
Vietnam	892	1 099	1 217	207	147	309
Oceania	191	203	127	5	-	-
Australia	82	99	-	5	-	-
New Zealand	110	104	127	-	-	-
World Total	83 439	82 714	84 630	23 934	24 099	24 580

Source: World Urea Statistics by Country (2011-2022), IFA, Paris

Table 7.11 DAP Production and Export in Major Producing Countries from 2020 to 2022

('000 tonnes P₂O₅)

Continent/Country	Production			Export		
	2020	2021	2022	2020	2021	2022
West Europe	11	14	13	9	13	9
Belgium	11	14	13	9	13	9
Central Europe	73	70	60	33	4	14
Bulgaria	3	4		2		
Poland	70	66	60	31	4	14
E. Europe & C. Asia	959	810	925	929	794	819
Lithuania	266	206	159	244	176	58
Russia	693	604	766	685	618	762
North America	976	804	746	424	250	306
USA	976	804	746	424	250	306
Latin America	161	46	62	69	3	6
Mexico	161	46	62	69	3	6
Africa	2 367	1 927	2 452	2 353	1 799	2 059
Egypt	160	140	87	157	138	67
Morocco	2 009	1 652	2 141	2 014	1 585	1 837
Senegal	2	12	3	-	2	-
Tunisia	196	123	222	181	75	155
West Asia	2 358	2 484	2 370	1 881	1 713	1 744
Iraq	-	-	53	-	-	-
Jordan	380	408	294	325	335	295
Saudi Arabia	1 649	1 682	1 685	1 549	1 338	1 425
Turkey	329	393	338	7	39	24
South Asia	2 282	2 169	2 431	-	-	-
Bangladesh	46	46	46	-	-	-
India	1 895	1 759	1 995	-	-	-
Pakistan	340	364	390	-	-	-
East Asia	6 884	6 900	6 139	2 723	2 956	1 698
China	6 677	6 700	5 940	2 637	2 878	1 646
Indonesia	-	-	10	-	-	-
Japan	1	-	-	-	-	-
South Korea	24	16	6	24	16	6
Philippines	-	1	-	-	-	-
Vietnam	182	184	183	62	62	45
Oceania	284	293	206	176	174	52
Australia	284	293	206	176	174	52
World Total	16 356	15 517	15 405	8 597	7 705	6 707

Source: World DAP Statistics by Country (2011-2022), IFA, Paris.

Table 7.12 TSP Production and Export in Major Producing Countries from 2020 to 2022

('000 tonnes P₂O₅)

Continent/Country	Production			Export		
	2020	2021	2022	2020	2021	2022
West Europe	-	-	-	-	-	-
Belgium	-	-	-	-	-	-
Spain	-	-	-	-	-	-
Central Europe	24	32	95	3	22	85
Bulgaria	24	32	95	3	22	85
Serbia	-	-	-	-	-	-
E. Europe & C. Asia	-	-	-	-	-	-
North America	-	-	-	-	-	-
Latin America	366	284	266	41	33	15
Brazil	306	228	238	-	-	-
Mexico	60	55	29	41	33	15
Venezuela	-	-	-	-	-	-
Africa	706	630	608	686	619	598
Algeria	-	-	7	-	-	-
Egypt	130	29	15	100	24	-
Morocco	536	520	478	540	532	490
South Africa	-	-	-	-	-	-
Tunisia	40	81	108	47	64	108
Zimbabwe	-	-	-	-	-	-
West Asia	330	575	453	294	411	413
Israel	230	295	272	243	283	258
Jordan	-	-	-	-	-	-
Lebanon	35	181	141	49	125	156
Saudi Arabia	-	-	-	-	-	-
Syria	23	23	23	-	-	-
Turkey	41	76	17	2	3	-
South Asia	46	46	46	-	-	-
Bangladesh	46	46	46	-	-	-
India	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-
East Asia	688	717	602	505	601	335
China	524	600	540	505	601	335
Indonesia	163	117	62	-	-	-
Japan	2	-	-	-	-	-
Oceania	-	-	-	-	-	-
World Total	2 160	2 285	2 071	1 529	1 686	1 445

Source: World TSP Statistics by Country (2011-2022), IFA, Paris.

Table 7.13 MAP Production and Export in Major Producing Countries from 2020 to 2022

('000 tonnes P₂O₅)

Continent/Country	Production			Export		
	2020	2021	2022	2020	2021	2022
West Europe	36	34	28	31	31	21
Belgium	36	34	28	31	31	21
Central Europe	81	76	67	31	17	31
Bulgaria	19	14	11	31	17	9
Poland	62	62	56	-	-	22
E. Europe & C. Asia	1 764	2 243	2 311	1 199	1 526	1 573
Belarus	6	13	5	4	11	0
Kazakhstan	191	193	173	150	53	10
Lithuania	21	41	36	21	20	32
Russia	1 514	1 964	2 066	1 024	1 442	1 530
Ukraine	2	2	1	-	-	-
Uzbekistan	30	30	30	-	-	-
North America	2 668	2 241	1 890	1 219	813	850
USA	2 668	2 241	1 890	1 219	813	850
Latin America	759	664	691	181	260	91
Brazil	561	389	582		1	2
Mexico	198	276	109	181	259	89
Africa	2 535	2 568	1 817	2 514	2 367	1 551
Egypt	-	6	13	-	5	12
Morocco	2 420	2 409	1 672	2 510	2 329	1 517
Senegal		13		-	10	-
South Africa	110	130	109	-	-	-
Tunisia	5	10	23	5	23	22
West Asia	742	930	846	673	854	781
Israel	-	-	5	-	-	4
Jordan	-	109	76	-	106	75
Saudi Arabia	740	821	765	673	748	702
Turkey	2	1	1	-	-	-
South Asia	-	853	-	-	-	-
Bangladesh	-	-	-	-	-	-
India	-	853	-	-	-	-
Pakistan	-	-	-	-	-	-
East Asia	6 898	7 350	6 980	1 164	1 968	1 012
China	6 898	7 350	6 980	1 164	1 968	1 012
Oceania	164	141	163	44	60	67
Australia	164	141	163	44	60	67
World Total	15 646	17 101	14 793	7 055	7 896	5 977

Source: World MAP Statistics by Country (2011-2022), IFA, Paris.

Table 7.14 World Cereal Production

(million tonnes)

Year	Wheat	Coarse Grain	Rice (Milled)
2021-22	778.3	1507.8	526.0
2022-23 (e)	803.1	1470.5	519.8
2023-24 (f)	785.1	1510.3	523.9

Source: *Food Outlook, FAO Rome November, 2023.*

(e): estimated

(f): forecast

Table 7.15 World Cereal Area and Production by Region during 2022

(million hectares, million tonnes)

Year	Wheat		Barley		Rice	
	Area	Prod	Area	Prod	Area	Prod
Asia	97.6	342.8	10.5	21.3	142.4	698.8
Africa	10.1	27.3	3.9	5.9	16.5	39.9
South America	11.0	36.2	1.9	7.1	4.0	23.9
North America	24.4	79.2	3.6	13.8	0.9	7.3
Europe	62.7	282.7	21.8	91.1	0.5	3.1
Oceania	12.8	36.6	5.1	14.7	0.07	0.7
World	219.2	808.4	47.1	154.9	165.0	776.5

Source: *FAO database*

Table 7.16 Global Cereal Utilization of Wheat and Coarse Grains

(million tonnes)

Year	Wheat			Coarse Grain		
	Food	Feed	Other	Food	Feed	Other
2021-22	524.5	147.4	89.8	223.5	880.2	398.6
2022-23 (e)	530.7	150.8	92.9	225.9	864.3	391.5
2023-24 (f)	535.4	152.9	90.3	228.3	874.3	396.3

Source: *Food Outlook, FAO Rome November, 2023.*

(e): estimated

(f): forecast

Table 7.17 World Cereal Stocks

(million tonnes)

Item	2021-22	2022-23 (estimated)	2023-24 (forecast)
Wheat	295.7	315.6	315.1
Coarse Grains	365.3	346.8	367.1
Rice (Milled)	197.2	196.0	198.9
Total	858.2	858.4	881.1

Source: *Food Outlook, FAO Rome November, 2023.*

(e): estimated

(f): forecast

Table 7.18 World Oil Seed Production

(million tonnes)

Item	2021-22	2022-23 (estimated)	2023-24 (forecast)
Soybean	355.9	372.9	348.9
Rapeseed	72.4	72.0	87.2
Cottonseed	41.2	41.6	41.6
Groundnuts	54.4	54.5	54.2
Olives	23.8	23.5	21.4
Palm oil	76.1	80.5	80.5
Sunflower	50.1	58.0	54.3
Coconut	61.6	62.8	62.4
Total	735.5	765.8	750.5

Source: *Food Outlook, FAO Rome November, 2023.*

(e): estimated

(f): forecast

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- ⌘ Chief Executive Officer: Mr. Fawad Ahmad Mukhtar
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- ⌘ Chief Executive Officer: Sheikh Muhammad Tahir
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GLOSSARY

Elemental Expression of Plant Nutrients:

N	Nitrogen
P ₂ O ₅	Phosphorus
K ₂ O	Potassium

Fertilizer Products:

Urea	46% N	Urea
DAP	(18:46)	Diammonium Phosphate
MAP	(11:52)	Mono-Ammonium Phosphate
CAN	26%N	Calcium Ammonium Nitrate
AS	21%N	Ammonium Sulphate
SSP	18% P ₂ O ₅	Single Superphosphate (powder and granular)
NP	(22:20)	Nitrophos
NPKs	(Various Grade)	Compounds/Blends of N, P ₂ O ₅ and K ₂ O
TSP	46% P ₂ O ₅	Triple Superphosphate
SOP	50% K ₂ O	Sulphate of Potash
MOP	60% K ₂ O	Muriate of Potash

Fertilizer Manufacturers, Importers and relevant Agencies:

MNFS&R	Ministry of National Food Security & Research
NFDC	National Fertilizer Development Centre
PSQCA	Pakistan Standard and Quality Control Authority
NFC	National Fertilizer Corporation
NFML	National Fertilizer Marketing Ltd.
KP	Khyber Pakhtunkhwa
FFC	Fauji Fertilizer Company Ltd.
DHCL	Dawood Hercules Chemicals Ltd.
EFERT	Engro Fertilizer Ltd.
FFCL	Fatima Fertilizer Company Ltd.
FFBL	Fauji Fertilizer Bin Qasim (Pvt.) Limited
LC&FL	Lyallpur Chemical and Fertilizer Ltd.
JBL	Jaffer Brother Limited
UAC	United Agro chemicals

Seasons (Agriculture)

Rabi	October to March (Winter Season)
Kharif	April to September (Summer Season)
Fiscal Year	July to June
Fertilizer Year in Pakistan	July to June