AGRICULTURE

HIGHLIGHTS	Unit	2022-23 (P)
I. Agriculture Production		
Wheat	000 Tons	28,161
Rice	000 Tons	8,172
Maize	000 Tons	10,985
Gram	000 Tons	244
Sugarcane	000 Tons	87,981
Cotton	000 Bales	4,821
Meat	000 Tons	5,503
Milk	000 Tons	54,707
Fish	000 Tons	831
II. Other Indicators		
Cropped Area	Million Hectare	-
Water Availability	Million Acre Feet	114.1
Fertilizer Offtake	000 Nutrient Tons	4,366.0
Improved Seeds Distribution	000 Tons	643.1
Credit Disbursed	Rs. Billion	1,776.0
Production of Tractors	Numbers	31,651

P : Provisional

TABLE 2.1

INDEX OF AGRICULTURE PRODUCTION

Fiscal Year	Food crops			Cash crop	Fiber crop
	Wheat	Maize	Rice	Sugarcane	Cotton
	Base Year 2005-06				
2005-06	100.0	100.0	100.0	100.0	100.0
2006-07	109.5	99.3	98.0	122.6	98.7
2007-08	98.5	115.9	100.3	143.1	89.5
2008-09	113.0	115.5	125.3	112.0	90.8
2009-10	109.6	104.9	124.1	110.5	99.2
2010-11	118.5	119.2	87.0	123.8	88.0
2011-12	110.3	139.5	111.1	130.7	104.4
2012-13	113.8	135.7	99.8	142.7	100.1
2013-14	122.1	159.0	122.6	151.0	98.1
2014-15	117.9	158.7	126.2	140.7	107.2
	Base Year 2015-16				
2015-16	100.0	100.0	100.0	100.0	100.0
2016-17	104.1	116.4	100.7	115.3	107.6
2017-18	97.8	112.0	109.5	127.3	120.5
2018-19	95.0	129.5	105.9	102.6	99.4
2019-20	98.5	149.6	109.0	101.4	92.2
2020-21	107.1	169.6	123.8	123.7	71.3
2021-22	102.2	180.7	137.1	135.4	84.0
2022-23 P	107.8	193.2	107.7	139.1	49.5

P : Provisional **Source: Pakistan Bureau of Statistics**

TABLE 2.2

BASIC DATA ON AGRICULTURE

Years	Cropped Area (million hectares)	Improved seed distribution (000 Tons)	Water Availability @ (MAF)	Fertilizer offtake (000 N/T)
2000-01	22.04	193.80	134.77	2,966.03
2001-02	22.12	191.57	134.63	2,929.00
2002-03	21.85	172.07	134.48	3,020.00
2003-04	22.94	178.77	134.78	3,222.00
2004-05	22.78	218.12	135.68	3,694.04
2005-06	23.13	226.07	137.38	3,804.19
2006-07	23.56	218.60	137.80	3,671.50
2007-08	23.85	264.67	138.00	3,581.22
2008-09	24.12	314.63	131.50	3,711.40
2009-10	23.87	312.63	133.70	4,360.49
2010-11	22.72	331.02	137.16	3,932.80
2011-12	22.50	346.38	135.86	3,861.00
2012-13	22.56	327.08	137.51	3,621.20
2013-14	23.16	359.18	137.51	4,089.00
2014-15	23.26	481.30	138.59	4,316.00
2015-16	24.04	408.90	133.00	3,699.30
2016-17	23.01	533.40	132.70	5,040.10
2017-18	23.45	507.30	133.40	4,763.40
2018-19	23.45	524.90	127.40	4,614.00
2019-20	24.10	606.30	130.00	4,549.00
2020-21	23.83	760.40	131.50	5,008.00
2021-22	24.00	652.83	131.02 *	5,001.00
2022-23 P	-	643.10	114.10 *	4,366.00

P : Provisional **(Contd.)**

TABLE 2.2

BASIC DATA ON AGRICULTURE

Years	Credit Disbursed (Rs mln.)	Numbers of Tubewells **	Production of Tractors (No.)	Meat Production (000 Tons)	Milk Production (000 Tons)	Fish Production (000 Tons)	Total Forest Production (000 cu.mtr.)
2000-01	44,789.82	659,278	32,553	2,015	26,284	629.6	472
2001-02	52,446.30	707,273	24,311	2,072	27,031	637.8	514
2002-03	58,915.27	768,962	27,101	2,132	27,811	566.2	454
2003-04	73,444.86	950,144	36,059	2,185	28,624	573.5	503
2004-05	108,732.91	984,294	44,095	2,238	29,438	580.6	282
2005-06	137,474.40	999,569	49,642	2,515	31,970	604.9	265
2006-07	168,830.45	1,025,836	54,431	2,618	32,986	640.0	373
2007-08	211,560.65	1,016,125	53,598	2,728	34,041	685.0	363
2008-09	233,010.31	1,069,991	60,561	2,843	35,160	695.0	347
2009-10	248,120.47	1,088,018	71,607	2,965	36,299	704.0	356
2010-11	263,022.40	1,103,391	71,550	3,094	36,656	712.0	352
2011-12	293,849.88	997,746	48,120	3,232	38,690	725.0	354
2012-13	336,242.52	1,220,403	48,871	3,380	49,512	729.0	-
2013-14	391,352.98	1,317,250	36,685	3,532	50,990	735.0	-
2014-15	515,874.78	1,332,870	49,328	3,696	42,454	747.0	-
2015-16	598,286.85	1,357,036	38,151	3,873	43,818	788.0	-
2016-17	704,488.20	1,382,170	60,128	4,062	45,227	797.0	-
2017-18	972,605.75	1,391,277	71,894	4,263	46,682	807.0	-
2018-19	1,173,989.51	1,251,403	49,902	4,478	48,185	799.0	-
2019-20	1,214,683.79	1,514,939	32,451	4,708	49,737	804.0	-
2020-21	1,365,869.67	1,285,775	50,751	4,955	51,340	810.0	-
2021-22	1,418,906.37	1,562,568	58,880	5,219	52,996	817.0	-
2022-23 P	1,775,955.49	1,562,568	31,651	5,503	54,707	831.0	-

P : Provisional
MAF : Million Acre Feet
N/T : Nutrient tonnes
- : Not available
R : Repeated
@ : At farm gate
*** : Water at farm gate has been calculated on estimation basis keeping view the previous data and authentication is not**
**** : Public and Private Tubewells**

Sources:
1. M/o National Food Security & Research
2. Pakistan Bureau of Statistics
3. State Bank of Pakistan
4. M/o Environment
5. NFDC
6. M/o Planning, Development & Special Initiatives

TABLE 2.3

LAND UTILIZATION

Million hectares

Years	Total Area	Reported Area (4+5+6+9)	Forest Area	Not Available for Cultivation	Cultivated Area: Culturable Waste	Cultivated Area: Current Fallow	Cultivated Area: Net Area Sown	Cultivated Area: Total Area Cultivated (7+8)	Area Sown more than once	Total Cropped Area (8+10)
1	2	3	4	5	6	7	8	9	10	11
2000-01	79.61	59.44	3.77	24.37	9.17	6.73	15.40	22.13	6.64	22.04
2001-02	79.61	59.33	3.80	24.31	8.95	6.60	15.67	22.27	6.45	22.12
2002-03	79.61	59.45	4.04	24.25	8.95	6.61	15.60	22.21	6.25	21.85
2003-04	79.61	59.46	4.01	24.23	9.10	6.23	15.89	22.12	7.05	22.94
2004-05	79.61	59.48	4.02	24.39	8.94	6.86	15.27	22.13	7.51	22.78
2005-06	79.61	57.22	4.03	22.87	8.21	6.72	15.39	22.11	7.74	23.13
2006-07	79.61	57.07	4.19	22.70	8.30	5.72	16.16	21.88	7.40	23.56
2007-08	79.61	57.08	4.21	23.41	8.19	4.93	16.34	21.27	7.51	23.85
2008-09	79.61	57.21	4.21	23.47	8.15	5.04	16.34	21.38	7.78	24.12
2009-10	79.61	57.21	4.23	23.49	8.09	5.20	16.20	21.40	7.67	23.87
2010-11	79.61	57.64	4.26	23.37	7.98	6.38	15.65	22.03	7.07	22.72
2011-12	79.61	57.73	4.26	23.25	8.19	7.05	14.98	22.03	7.52	22.50
2012-13	79.61	57.78	4.26	23.06	8.21	7.04	15.22	22.26	7.34	22.56
2013-14	79.61	57.99	4.55	25.56	8.27	6.68	15.40	22.06	7.76	23.16
2014-15	79.61	57.99	4.54	25.54	8.30	6.66	15.46	23.24	7.82	23.26
2015-16	79.61	58.11	3.99	25.56	8.27	7.10	15.62	22.74	7.90	24.04
2016-17	79.61	58.00	4.47	25.54	8.37	9.51	15.59	22.11	7.46	23.01
2017-18	79.61	58.02	4.47	25.60	8.29	9.40	15.74	22.15	7.75	23.45
2018-19	79.61	57.90	4.47	23.00	8.29	9.40	15.74	22.15	7.75	23.45
2019-20	79.61	57.90	3.90	23.10	8.20	10.10	15.74	22.80	8.40	24.10
2020-21	79.61	57.90	3.90	23.40	8.10	6.80	15.60	22.50	8.20	23.83
2021-22 P	79.61	57.88	3.88	23.23	8.23	6.84	15.70	22.54	8.30	24.00

P: Provisional

Source: M/o National Food Security & Research

Note:

1. Total Area Reported is the total physical area of the villages/deh, tehsils or districts etc.
2. Forest Area is the area of any land classed or administered as forest under any legal enactment dealing with forests. Any cultivated area which may exist within such forest is shown under heading "cultivated area".
3. Area Not Available for Cultivation is that uncultivated area of the farm which is under farm home-steads, farm roads and other connected purposes and not available for cultivation.
4. Culturable Waste is that uncultivated farm area which is fit for cultivation but was not cropped during the year under reference nor in the year before that.
5. Current Fallow (ploughed but uncropped) is that area which is vacant during the year under reference but was sown at least once during the previous year.
   Cultivated Area is that area which was sown at least during the year under reference or during the previous year.
   Cultivated Area = Net Area sown + Current Fallow.
6. Net Area Sown is that area which is sown at least once during (Kharif & Rabi) the year under reference.
7. Area Sown more than once is the difference between the total cropped area and the net area sown.
8. Total Cropped Area means the aggregate area of crops raised in a farm during the year under reference including the area under fruit trees.

TABLE 2.4

AREA UNDER IMPORTANT CROPS

000 hectares

Years	Wheat	Rice	Bajra	Jowar	Maize	Barley	Total Food Grains	Gram	Sugar-cane	Rapeseed & Mustard	Sesa-mum	Cotton	Tobacco
2000-01	8,181	2,377	390	354	944	113	12,359	905	961	272	101	2,928	46
2001-02	8,057	2,114	417	358	942	111	11,999	934	1,000	269	136	3,116	49
2002-03	8,034	2,225	349	338	936	108	11,990	963	1,100	281	88	2,794	47
2003-04	8,216	2,461	539	393	947	102	12,658	982	1,075	280	60	2,989	46
2004-05	8,358	2,520	343	308	982	93	12,604	1,094	966	257	67	3,193	50
2005-06	8,448	2,621	441	254	1,042	90	12,896	1,029	907	217	82	3,103	56
2006-07	8,578	2,581	504	292	1,017	94	13,066	1,052	1,029	256	71	3,075	51
2007-08	8,550	2,515	531	281	1,052	91	13,020	1,107	1,241	224	76	3,054	51
2008-09	9,046	2,963	470	263	1,052	86	13,880	1,081	1,029	233	91	2,820	50
2009-10	9,132	2,883	476	248	935	84	13,758	1,067	943	178	80	3,106	56
2010-11	8,901	2,365	548	229	974	77	13,094	1,054	988	212	78	2,689	51
2011-12	8,650	2,571	458	214	1,087	72	13,052	1,008	1,058	201	76	2,835	46
2012-13	8,660	2,309	461	199	1,060	73	12,762	992	1,129	221	71	2,879	50
2013-14	9,199	2,789	475	198	1,169	72	13,901	975	1,173	227	82	2,806	49
2014-15	9,205	2,891	462	195	1,142	68	13,963	936	1,141	214	85	2,961	19
2015-16	9,224	2,739	487	274	1,191	66	13,982	940	1,132	206	79	2,902	50
2016-17	8,972	2,724	469	256	1,348	61	13,831	971	1,218	191	76	2,489	48
2017-18	8,797	2,901	489	225	1,251	58	13,721	975	1,342	214	83	2,699	51
2018-19	8,708	2,890	456	242	1,374	57	13,727	945	1,102	271	83	2,373	49
2019-20	8,804	3,034	522	199	1,404	49	14,012	944	1,088	398	139	2,517	51
2020-21	9,168	3,336	350	126	1,418	42	14,440	883	1,165	319	170	2,079	55
2021-22	9,008	3,537	227	77	1,653	38	14,540	862	1,260	252	200	1,937	44
2022-23 P	9,033	2,975	241	59	1,720	41	14,069	843	1,319	539	260	2,143	47

P : Provisional Note : 1 ha = 2.47 acres

Source: M/o National Food Security & Research
Pakistan Bureau of Statistics

TABLE 2.5

PRODUCTION OF IMPORTANT CROPS

000 tons

Years	Wheat	Rice	Bajra	Jowar	Maize	Barley	Total Food Grains	Gram	Sugar-cane	Rapeseed & Mustard	Sesamum	Cotton (000 Bales)		Tobacco
2000-01	19,024	4,803	199	218	1,643	99	25,986	397	43,606	231	50.7	1,825	10,732	85
2001-02	18,227	3,882	216	222	1,664	100	24,310	362	48,042	221	69.6	1,805	10,613	95
2002-03	19,183	4,479	189	203	1,737	100	25,891	675	52,056	235	19.2	1,737	10,211	88
2003-04	19,500	4,848	274	238	1,897	98	26,855	611	53,419	238	24.7	1,709	10,048	86
2004-05	21,612	5,025	193	186	2,797	92	29,905	868	47,244	216	29.8	2,426	14,265	101
2005-06	21,277	5,547	221	153	3,110	87	30,395	480	44,666	172	35.1	2,214	13,019	113
2006-07	23,295	5,438	238	180	3,088	93	32,332	838	54,742	212	30.4	2,187	12,856	103
2007-08	20,959	5,563	305	170	3,605	87	30,689	475	63,920	176	32.8	1,982	11,655	108
2008-09	24,033	6,952	296	165	3,593	82	35,121	741	50,045	188	41.0	2,010	11,819	105
2009-10	23,311	6,883	293	154	3,262	71	33,974	562	49,373	151	33.4	2,196	12,913	119
2010-11	25,214	4,823	346	141	3,707	71	34,302	496	55,309	192	31.1	1,949	11,460	103
2011-12	23,473	6,160	304	137	4,338	66	34,478	284	58,397	178	30.3	2,312	13,595	98
2012-13	24,211	5,576	311	123	4,220	67	34,508	751	63,750	220	29.1	2,216	13,031	108
2013-14	25,979	6,798	301	118	5,044	67	38,307	474	67,460	230	33.0	2,172	12,769	130
2014-15	25,086	7,003	294	115	4,937	62	37,497	379	62,827	216	35.0	2,374	13,959	31
2015-16	25,633	6,801	299	161	5,271	61	38,226	286	65,483	194	32.0	1,687	9,917	119
2016-17	26,674	6,849	305	148	6,134	58	40,168	330	75,482	181	34.0	1,815	10,671	113
2017-18	25,076	7,450	339	152	5,902	56	38,975	324	83,333	209	35.0	2,032	11,946	121
2018-19	24,479	7,215	350	149	6,826	55	39,074	441	67,174	348	36.0	1,677	9,861	112
2019-20	25,249	7,414	384	121	7,883	48	41,099	498	66,380	561	65.0	1,556	9,148	133
2020-21	27,464	8,420	266	96	8,940	42	45,228	234	81,010	337	102.0	1,202	7,064	168
2021-22	26,209	9,323	226	62	9,525	38	45,383	316	88,651	477	128.0	1,417	8,329	134
2022-23 P	28,161	8,172	256	49	10,985	42	47,665	244	87,981	673	152.0	820	4,821	152

P : Provisional

Source: M/o National Food Security & Research
Pakistan Bureau of Statistics

TABLE 2.6

YIELD PER HECTARE OF MAJOR AGRICULTURAL CROPS

Kg/Hectare

Years	Wheat	Rice	Sugarcane	Maize	Gram	Cotton
2000-01	2,325	2,021	45,385	1,741	439	624
2001-02	2,262	1,836	48,056	1,768	388	579
2002-03	2,388	2,013	47,341	1,857	701	622
2003-04	2,373	1,970	49,738	2,003	622	572
2004-05	2,586	1,994	48,887	2,849	793	760
2005-06	2,519	2,116	49,246	2,984	466	714
2006-07	2,716	2,107	53,199	3,037	797	711
2007-08	2,451	2,212	51,507	3,427	429	649
2008-09	2,657	2,347	48,635	3,415	685	713
2009-10	2,553	2,387	52,357	3,488	527	707
2010-11	2,833	2,039	55,981	3,805	471	725
2011-12	2,714	2,396	55,196	3,990	282	815
2012-13	2,796	2,415	56,466	3,981	757	768
2013-14	2,824	2,437	57,111	4,316	487	774
2014-15	2,725	2,422	55,063	4,323	402	802
2015-16	2,779	2,483	57,897	4,426	304	581
2016-17	2,974	2,514	61,972	4,550	340	729
2017-18	2,851	2,568	62,096	4,718	332	753
2018-19	2,811	2,578	60,956	4,968	466	707
2019-20	2,868	2,444	61,737	5,615	468	618
2020-21	2,996	2,524	69,536	6,305	265	578
2021-22	2,910	2,713	70,358	5,762	367	732
2022-23 P	3,118	2,747	66,713	6,387	289	383

P : Provisional

Source: M/o National Food Security & Research
Pakistan Bureau of Statistics

TABLE 2.7

PRODUCTION AND EXPORTS OF FRUITS

Years	Production of Important Fruit (000 tons)								Exports*	
	Citrus	Mango	Apple	Banana	Apricot	Almonds	Grapes	Guava	Qty (000 tons)	Value (Mln. Rs)
2000-01	1,898	990	439	139	126	33	51	526	260	4,586
2001-02	1,830	1,037	367	150	125	26	53	538	290	5,097
2002-03	1,702	1,035	315	143	130	24	52	532	263	4,361
2003-04	1,760	1,056	334	154	211	24	51	550	354	5,912
2004-05	1,944	1,671	352	158	205	23	49	572	281	5,408
2005-06	2,458	1,754	351	163	197	23	49	552	455	7,508
2006-07	1,472	1,719	348	151	177	23	47	555	343	6,894
2007-08	2,295	1,754	442	158	240	27	75	539	411	9,085
2008-09	2,132	1,728	441	157	238	27	76	512	469	12,519
2009-10	2,150	1,845	366	154	194	22	65	509	687	20,094
2010-11	1,982	1,889	526	141	190	21	64	547	669	25,017
2011-12	2,147	1,700	599	98	190	21	64	495	737	32,068
2012-13	2,002	1,680	556	116	179	21	64	500	718	38,085
2013-14	2,168	1,659	606	119	178	22	66	496	784	45,196
2014-15	2,396	1,717	617	118	171	22	66	488	682	44,375
2015-16	2,344	1,636	620	135	173	21	66	523	677	44,607
2016-17	2,180	1,784	670	137	166	22	66	548	646	39,878
2017-18	2,351	1,734	565	135	142	21	67	586	697	43,842
2018-19	2,469	1,723	544	136	108	20	68	548	756	56,272
2019-20	2,369	1,639	604	151	94	20	82	706	798	67,769
2020-21	2,621	1,714	672	142	124	21	89	963	975	76,846
2021-22	2,372	1,845	732	216	159	19	108	938	622	84,358
2022-23 P	2,200	1,787	791	292	204	18	68	807	629	68,762

P : Provisional **- : Not available**
*** : Quantity and Value is for all fruits**

Source: M/o National Food Security & Research
Pakistan Bureau of Statistics

TABLE 2.8
CROP WISE COMPOSITION OF OUTPUT OF IMPORTANT AGRICULTURAL CROPS (AT CONSTANT FACTOR COST)

% Share

Fiscal Year/Crops	Base Year 2005-06				Base Year 2015-16							
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23 P
Important Crops	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Food Crops	58.94	58.79	61.21	59.94	66.04	65.07	61.56	66.21	68.43	70.65	68.09	71.69
Wheat	38.92	40.21	40.29	38.63	46.25	44.97	41.41	43.09	43.63	44.14	40.85	44.84
Maize	8.32	8.09	8.88	8.83	9.65	10.47	9.87	12.24	13.76	14.50	14.93	16.62
Rice	11.69	10.49	12.04	12.49	10.14	9.63	10.28	10.88	11.04	12.01	12.31	10.23
Cash Crop	11.83	13.15	13.09	12.11	16.27	17.13	18.92	16.47	15.92	18.08	19.12	20.46
Sugarcane	11.83	13.15	13.09	12.11	16.27	17.13	18.92	16.47	15.92	18.08	19.12	20.46
Fibre Crop	29.23	28.06	25.70	27.95	17.70	17.79	19.53	17.32	15.66	11.26	12.79	7.86
Cotton	29.23	28.06	25.70	27.95	17.70	17.79	19.53	17.32	15.66	11.26	12.79	7.86

P: Provisional

Source: Pakistan Bureau of Statistics

TABLE 2.9

TENURE CLASSIFICATION OF FARMS & FARM AREA BY PROVINCES

Unit	Number of Farms (million)				Farm Area (million acres)			
	Total	Owner	Owner-Cum Tenant	Tenant	Total	Owner	Owner-Cum Tenant	Tenant
				(1960 Census)				
Pakistan	4.860	1.998	0.834	2.028	48.930	18.723	11.012	19.195
Khyber Pakhtunkhwa	0.674	0.325	0.137	0.212	5.464	1.871	1.871	1.722
Punjab	3.326	1.422	0.623	1.282	29.214	11.169	7.180	10.865
Sindh	0.676	0.135	0.061	0.482	9.623	2.775	1.401	5.446
Balochistan	0.183	0.116	0.015	0.053	4.629	2.908	0.559	1.162
				(1972 Census)				
Pakistan	3.762	1.569	0.897	1.296	49.061	19.400	15.160	14.500
Khyber Pakhtunkhwa	0.466	0.256	0.103	0.107	4.252	1.615	1.713	0.923
Punjab	2.375	1.008	0.683	0.684	31.030	11.951	11.051	8.028
Sindh	0.748	0.178	0.097	0.472	9.460	2.909	1.760	4.791
Balochistan	0.173	0.126	0.013	0.033	4.319	2.925	0.637	0.757
				(1980 Census)				
Pakistan	4.069	2.227	0.789	1.054	47.095	24.533	12.396	10.165
Khyber Pakhtunkhwa	0.528	0.361	0.072	0.095	4.099	2.388	1.103	0.608
Punjab	2.544	1.385	0.618	0.542	29.898	14.883	9.334	5.681
Sindh	0.795	0.323	0.085	0.386	9.207	4.350	1.528	3.328
Balochistan	0.202	0.159	0.014	0.030	3.892	2.912	0.431	0.549
				(1990 Census)				
Pakistan	5.071	3.491	0.626	0.954	47.319	30.723	8.982	7.614
Khyber Pakhtunkhwa	1.069	0.835	0.089	0.144	5.828	4.251	0.902	0.675
Punjab	2.957	2.054	0.464	0.439	27.107	16.656	6.604	3.847
Sindh	0.802	0.406	0.061	0.335	8.604	5.098	1.040	2.466
Balochistan	0.243	0.196	0.012	0.035	5.780	4.718	0.436	0.626
				(2000 Census)				
Pakistan	6.620	5.135	0.559	0.927	50.425	36.969	7.323	6.133
Khyber Pakhtunkhwa	1.356	1.124	0.084	0.148	5.589	4.243	0.805	0.541
Punjab	3.864	3.037	0.424	0.403	27.762	19.249	5.401	3.113
Sindh	1.070	0.704	0.043	0.323	10.687	8.113	0.736	1.838
Balochistan	0.330	0.270	0.009	0.051	6.387	5.365	0.381	0.642
				(2010 Census)				
Pakistan	8.264	6.744	0.604	0.916	52.910	39.432	7.584	5.894
Khyber Pakhtunkhwa	1.540	1.340	0.093	0.107	5.570	4.348	0.797	0.424
Punjab	5.250	4.325	0.452	0.473	29.326	20.602	5.368	3.356
Sindh	1.115	0.784	0.045	0.286	9.869	7.830	0.746	1.294
Balochistan	0.360	0.296	0.014	0.050	8.145	6.652	0.673	0.821

Note : 1 ha = 2.47 acres

Source: Pakistan Bureau of Statistics (Agricultural Censuses)

TABLE 2.10

SUMMARY DATA ON NUMBER, SIZE, AREA & OPERATIONAL STATUS OF FARMS BY TENURE BASED ON AGRICULTURAL CENSUS DATA

Farms in million nos.
Area in million acres

Private Farms	Owner Farms	Owner-cum-Tenant Farms			Tenant Farms	All Private Farms
		Self operated	Tenant operated	Total		
Numbers						
1960	1.998	-	-	0.834	2.028	4.860
1972	1.569	-	-	0.897	1.296	3.762
1980	2.227	-	-	0.789	1.054	4.069
1990	3.491	-	-	0.626	0.954	5.071
2000	5.135	-	-	0.559	0.927	6.620
2010	6.744	-	-	0.604	0.916	8.264
Average Farm Size						
1960	9.37	-	-	13.20	9.47	10.07
1972	12.37	-	-	16.91	11.18	13.04
1980	11.02	-	-	15.71	9.65	11.57
1990	8.80	-	-	14.34	7.98	9.33
2000	7.20	-	-	13.10	6.62	7.62
2010	5.85	-	-	12.55	6.43	6.40
Farm Area						
1960	18.723	6.235	6.107	12.342	17.864	48.929
1972	19.400	6.988	8.172	15.160	14.500	49.061
1980	24.533	5.741	6.655	12.396	10.166	47.095
1990	30.723	4.057	4.925	8.982	7.614	47.319
2000	36.969	3.199	4.124	7.323	6.133	50.425
2010	39.432	3.099	4.485	7.584	5.894	52.910
Area Operated by Owners						
1960	18.723	6.235	-	-	-	24.958
1972	19.400	6.988	-	-	-	26.388
1980	24.533	5.741	-	-	-	30.274
1990	30.723	4.057	-	-	-	34.780
2000	36.969	3.199	-	-	-	40.168
2010	39.432	3.099	-	-	-	42.531
Share Cropper						
1960	-	-	7.776	-	16.495	21.271
1972	-	-	6.351	-	12.564	18.915
1980	-	-	5.078	-	8.511	13.589
1990	-	-	3.368	-	5.698	9.066
2000	-	-	2.662	-	4.664	7.326
2010	-	-	2.961	-	4.350	7.311
Lease Holder						
1960	-	-	0.979	-	0.962	1.941
1972	-	-	1.584	-	1.760	3.344
1980	-	-	1.421	-	1.479	2.900
1990	-	-	1.440	-	1.770	3.210
2000	-	-	1.311	-	1.397	2.708
2010	-	-	1.248	-	1.470	2.718
Other						
1960	-	-	0.352	-	0.407	0.759
1972	-	-	0.237	-	0.176	0.413
1980	-	-	0.157	-	0.175	0.332
1990	-	-	0.117	-	0.146	0.263
2000	-	-	0.151	-	0.072	0.223
2010	-	-	0.276	-	0.074	0.351

- : Not available

Source: Pakistan Bureau of Statistics (Agricultural Censuses)

Note:

The 1960 Census based on an extractive survey of land revenue records, may not be comparable to the rest of Censuses, based on household surveys.

TABLE 2.11

NUMBER & AREA OF PRIVATE FARMS, CLASSIFIED BY SIZE (Census 2010)

In hectares

Farm size (Hectares)	Farms		Farm Area		Cultivated Area	
	Number (million)	Percent	Total hectare (million)	Percent	Total hectare (million)	Percent
Under 0.5	2.071	25	0.546	3	0.498	3
0.5 to under 1.0	1.526	18	1.144	5	1.066	6
1.0 to under 2.0	1.754	21	2.432	11	2.267	13
2.0 to under 3.0	1.132	14	2.628	12	2.446	14
3.0 to under 5.0	0.915	11	3.531	16	3.221	19
5.0 to under 10.0	0.562	7	3.794	18	3.352	19
10.0 to under 20.0	0.211	3	2.724	13	2.182	13
20.0 to under 40.0	0.067	1	1.678	8	1.214	7
40.0 to under 60.0	0.013	*	0.568	3	0.382	2
60.0 and above	0.013	*	2.369	11	0.621	4
Total Farms	8.26	100	21.41	100	17.25	100

* : Value less than 0.5

Source: Pakistan Bureau of Statistics (Agricultural Censuses)

TABLE 2.12

CREDIT DISBURSED BY AGENCIES

Rs million

Years	ZTBL	PPCBL	Commercial Banks	Domestic Private Bank	MFBs*	MFIs/RSPs **	Islamic Banks***	Total
2000-01	27,610.20	5,124.20	12,056.00	-	-	-	-	44,789.82
2001-02	29,108.01	5,127.54	17,486.12	592.82	-	-	-	52,314.49
2002-03	29,270.17	5,485.39	22,738.60	1,421.11	-	-	-	58,915.27
2003-04	29,933.07	7,563.54	33,247.45	2,701.80	-	-	-	73,445.86
2004-05	37,408.84	7,607.47	51,309.78	12,406.82	-	-	-	108,732.91
2005-06	47,594.14	5,889.49	67,967.40	16,023.38	-	-	-	137,474.40
2006-07	56,473.05	7,988.06	80,393.18	23,976.16	-	-	-	168,830.45
2007-08	66,938.99	5,931.45	94,749.29	43,940.92	-	-	-	211,560.66
2008-09	75,138.55	5,579.43	110,666.00	41,626.33	-	-	-	233,101.31
2009-10	79,012.35	5,721.73	119,608.98	43,777.41	-	-	-	248,120.48
2010-11	65,361.39	7,161.54	140,312.44	50,187.03	-	-	-	263,022.40
2011-12	66,067.92	8,520.22	146,271.12	60,875.89	12,114.73	-	-	293,849.88
2012-13	67,068.35	8,304.44	172,832.55	69,271.49	18,769.69	-	-	336,246.52
2013-14	77,919.53	8,808.96	195,487.81	84,813.02	22,796.48	-	1,527.18	391,352.98
2014-15	95,826.92	10,485.82	262,911.99	108,708.30	32,950.84	-	4,990.92	515,874.78
2015-16	90,976.55	10,334.56	311,400.63	123,097.29	53,937.52	-	8,540.30	598,286.84
2016-17	92,450.93	10,879.79	342,068.39	139,060.82	87,771.80	19,930.26	12,326.22	704,488.20
2017-18	83,186.63	10,723.79	523,929.92	184,863.07	124,755.69	28,754.46	16,392.19	972,605.75
2018-19	71,477.65	9,677.35	653,530.69	211,942.39	153,998.41	33,983.60	39,379.42	1,173,989.51
2019-20	62,286.10	8,825.24	708,245.25	224,969.70	139,297.95	28,916.89	42,142.67	1,214,683.79
2020-21	78,500.08	8,205.35	801,472.21	274,525.30	132,070.29	23,281.39	47,815.04	1,365,869.67
2021-22	69,216.19	7,516.45	764,337.77	298,719.14	186,343.60	26,194.56	66,578.68	1,418,906.37
2022-23 P	75,423.87	8,513.44	978,191.56	366,740.80	216,380.13	29,429.89	101,275.80	1,775,955.49

P : Provisional - : Not Available Source: State Bank of Pakistan

ZTBL : Zarai Taraqiati Bank Limited PPCBL : Punjab Provincial Cooperative Bank Limited

5 Major Commercial Banks include ABL, HBL, MCB, NBP & UBL

*: 11 Microfinance Banks (Khushhali MFB, NRSP MFB, HBL MFB, Telenor MFB, Pak Oman MFB, Mobilink MFB, U MFB, FINCA MFB, APNA MFB, Sindh MFB and Advans MFB)

**: 09 Microfinance Institutions in FY23

***: 06 Islamic Banks (Bankislami Bank, Meezan Bank, Dubai Islamic Bank, AlBaraka Bank, MCB Islamic Bank and Faysal Bank)

TABLE 2.13

FERTILIZER OFFTAKE & IMPORT OF PESTICIDES

Years	Fertilizer off-take (000 N/Tons)				Import of Fertilizers 000 N/T	Import of Pesticides	
	Nitrogen	Phosphate	Potassium	Total		Quantity (Tons)	Value (Mln Rs)
2000-01	2,264.49	676.73	22.75	2,963.97	579.60	21,255.0	3,476.50
2001-02	2,285.30	624.54	18.75	2,928.60	625.70	31,783.2	5,320.49
2002-03	2,349.10	650.17	20.49	3,019.76	766.00	22,241.7	3,440.86
2003-04	2,526.73	673.46	21.79	3,221.98	764.10	41,406.4	7,156.66
2004-05	2,796.42	865.11	32.51	3,694.04	784.80	41,561.4	8,260.60
2005-06	2,926.62	850.53	27.04	3,804.19	1,268.30	33,953.9	6,804.00
2006-07	2,649.74	978.76	43.11	3,671.61	795.90	29,089.4	5,848.40
2007-08	2,924.62	629.68	26.92	3,581.22	876.34	27,814.2	6,330.20
2008-09	3,034.91	651.17	25.26	3,711.33	568.18	28,839.2	8,980.58
2009-10	3,476.28	860.44	23.76	4,360.49	1,444.06	38,226.5	13,472.61
2010-11	3,133.50	767.00	32.30	3,932.80	644.66	36,182.7	13,178.24
2011-12	3,206.50	633.20	21.20	3,861.00	1,176.70	32,152.2	12,255.03
2012-13	2,853.40	746.90	20.80	3,621.20	734.50	17,882.3	8,507.10
2013-14	3,185.00	881.00	24.00	4,089.00	1,148.40	23,545.7	12,571.82
2014-15	3,309.00	975.00	33.00	4,316.00	984.20	23,157.4	14,058.49
2015-16	2,671.90	1,007.30	20.00	3,699.30	901.30	17,386.3	15,974.39
2016-17	3,729.80	1,268.90	41.40	5,040.10	961.50	18,087.7	16,680.03
2017-18	3,434.80	1,278.60	49.90	4,763.40	1,190.90	26,480.0	19,162.20
2018-19	3,408.00	1,153.00	53.00	4,614.00	1,093.00	29,116.5	25,909.23
2019-20	3,415.00	1,084.00	49.00	4,548.00	890.00	32,088.8	29,571.63
2020-21	3,710.00	1,226.00	70.00	5,006.00	877.00	37,441.2	30,082.95
2021-22	3,838.10	1,093.00	70.90	5,001.00	684.00	34,316.0	36,265.94
2022-23 P	3,603.90	733.60	28.80	4,366.00	478.00	38,550.8	51,035.59

P : Provisional

Source: National Fertilizer Development Centre
Pakistan Bureau of Statistics

TABLE 2.14

AVERAGE RETAIL SALE PRICE OF FERTILIZERS

Rs per bag of 50 Kg

Date/Years	Urea 46% N	AN/CAN 26% N	AS 21% N	NP 23:23	SSP(G) 18%	DAP 18:46	SOP 50% K
2000-01	363.0	233.0	300.0	468.0	253.0	669.0	682.0
2001-02	394.0	268.0	308.0	519.0	280.0	710.0	765.0
2002-03	411.0	282.0	344.0	539.0	287.0	765.0	780.0
2003-04	421.0	298.0	373.0	622.0	316.0	913.0	809.0
2004-05	468.0	353.0	405.0	704.0	373.0	1,001.0	996.0
2005-06	509.0	395.0	744.0	710.0	407.0	1,079.0	1,170.0
2006-07	527.0	396.0	779.0	670.0	334.0	993.0	985.0
2007-08	581.0	471.0	865.0	1,294.0	560.0	1,931.0	1,495.0
2008-09	751.0	704.0	1,330.0	1,700.0	874.0	2,578.0	2,175.0
2009-10	806.3	703.2	956.3	1,456.7	724.5	2,267.2	2,300.3
2010-11	1,035.0	843.0	1,124.0	2,108.0	896.0	3,236.0	2,807.0
2011-12	1,718.0	1,392.0	-	2,691.0	1,260.0	4,054.0	3,797.0
2012-13	1,699.0	1,443.0	-	2,524.0	1,172.0	3,902.0	3,945.0
2013-14	1,826.0	1,566.0	-	2,513.0	1,050.0	3,640.0	4,233.0
2014-15	1,883.0	1,606.0	-	2,584.0	1,012.0	3,677.0	4,904.0
2015-16	1,860.0	1,564.0	-	2,339.0	973.0	3,343.0	5,131.0
2016-17	1,377.0	1,198.0	-	1,869.0	886.0	2,596.0	4,100.0
2017-18	1,386.0	1,241.0	-	2,175.0	890.0	2,882.0	3,659.0
2018-19	1,745.0	1,571.0	-	2,829.0	1,002.0	3,518.0	3,945.0
2019-20	1,850.0	1,700.0	-	2,695.0	1,068.0	3,558.0	4,299.0
2020-21	1,697.0	1,546.0	-	3,132.0	1,243.0	4,412.0	4,459.0
2021-22	1,914.0	1,686.0	-	5,371.0	1,967.0	8,227.0	7,727.0
2022-23 P	2,649.0	2,461.0	-	6,293.0	2,698.0	10,924.0	13,589.0

P : Provisional
- : Not available
Source: National Fertilizer Development Centre
Pakistan Bureau of Statistics

ASN : Ammonium Super Nitrate
SSP : Single Super Phosphate
AS : Ammonium Sulphate
DAP : Diammonium Phosphate
NP : Nitrophosphate
SOP : Sulphate of Potash
AN/CAN : Ammonium Nitrate/Calcium Ammonium Nitrate

TABLE 2.15

FERTILIZER CONSUMPTION IN RELATION TO CULTIVATED AREA IN SELECTED COUNTRIES

Kg per ha

Years	Nether-lands	Germany	Japan	France	Egypt	Italy	USA	Russian Federation	Pakistan	India
2000-01	470	232	-	225	-	211	106	-	138	103
2001-02	546	217	282	213	436	-	-	-	133	88
2002-03	354	216	270	203	373	-	-	-	137	100
2003-04	438	220	293	216	472	169	122	-	148	105
2004-05	510	216	365	210	548	-	113	14	161	106
2005-06	601	209	251	191	625	-	109	16	169	121
2006-07	419	190	344	178	381	-	143	12	159	114
2007-08	1,188	191	321	196	450	136	168	14	157	133
2008-09	261	158	259	138	566	114	101	16	157	143
2009-10	233	178	219	140	393	98	108	15	183	156
2010-11	275	206	243	143	471	91	119	15	166	166
2011-12	230	187	243	133	460	103	123	16	165	164
2012-13	291	195	242	130	446	112	125	15	155	151
2013-14	223	200	240	133	463	92	130	15	180	145
2014-15	233	214	225	144	472	97	135	16	190	153
2015-16	247	198	207	161	499	93	132	16	163	190
2016-17	275	192	163	154	483	94	134	18	222	154
2017-18	276	175	232	162	461	95	134	20	206	157
2018-19	256	164	221	164	433	95	127	21	197	162
2019-20	250	171	222	158	415	95	124	22	198	171
2020-21	278	163	238	131	473	136	126	25	197	209

- : Not available

Source: National Fertilizer Development Centre

TABLE 2.16

AREA IRRIGATED BY VARIOUS SOURCES

Million Hectares

Years	Canals	Wells	Canal Wells	Tubewells	Canal Tubewells	Others	Total
2000-01	6.98	0.16	0.10	3.19	7.22	0.17	17.82
2001-02	6.81	0.20	0.16	3.45	7.24	0.18	18.04
2002-03	7.06	0.21	0.17	3.37	7.21	0.20	18.22
2003-04	7.22	0.22	0.15	3.48	7.50	0.21	18.78
2004-05	7.00	0.25	0.19	3.46	7.70	0.24	18.84
2005-06	7.06	0.28	0.20	3.58	7.78	0.22	19.12
2006-07	6.78	0.67	0.22	3.89	7.78	0.25	19.59
2007-08	6.52	0.31	0.17	3.83	7.79	0.28	19.29
2008-09	6.42	0.31	0.20	3.82	7.94	0.24	19.39
2009-10	6.39	0.31	0.26	3.88	7.07	0.28	20.06
2010-11	6.00	0.36	0.25	3.92	7.60	0.72	19.16
2011-12	5.59	0.35	0.19	4.03	7.86	0.72	18.99
2012-13	5.22	0.30	0.19	3.81	7.86	0.19	18.68
2013-14	5.55	0.38	0.27	3.71	8.15	0.17	19.28
2014-15	5.55	0.38	0.27	3.71	8.15	0.17	19.28
2015-16	5.59	0.35	0.30	4.48	8.19	0.26	19.33
2016-17	5.56	0.10	0.30	3.57	7.89	0.21	18.91
2017-18	6.04	0.43	0.28	3.57	8.19	0.21	18.72
2018-19	5.67	0.27	0.28	3.75	8.23	0.16	18.36
2019-20	6.03	0.26	0.25	4.04	8.51	0.25	19.34
2020-21	5.67	0.28	0.24	3.98	8.75	0.23	19.15
2021-22	5.87	0.28	0.24	3.98	8.75	0.23	19.35

P: Provisional

Source: M/o National Food Security & Research
Pakistan Bureau of Statistics

TABLE 2.17

PROCUREMENT / SUPPORT PRICES OF AGRICULTURE COMMODITIES

Rs per 40 kg

Years	Wheat	Rice		Paddy			Cotton Seed (Phutti)	Sugarcane**			
		Basmati 385	IRRI-6 (F.A.Q)	Basmati 385	Basmati Super/2000	IRRI-6	B-557 F-149	Khyber Pakhtunkhwa	Punjab	Sindh	Baloch-istan
2000-01	300.00	-	-	385.00	460.00	205.00	725.00 @	35.00	35.00	36.00	36.00
2001-02	300.00	-	-	385.00	460.00	205.00	780.00 ^	42.00	42.00	43.00	43.00
2002-03	300.00	-	-	385.00	460.00	205.00	800.00 ^	42.00	42.00	43.00	43.00
2003-04	350.00	-	-	400.00	485.00	215.00	850.00 ^	42.00	42.00	43.00	43.00
2004-05	400.00	-	-	415.00	510.00	-	925.00 ^	42.00	42.00	43.00	43.00
2005-06	415.00	-	-	460.00	560.00	300.00	975.00 ^	48.00	45.00	60.00	-
2006-07	425.00	-	-	-	-	306.00	1,025.00	65.00	60.00	67.00	-
2007-08	625.00	-	-	-	-	-	1,025.00	65.00	60.00	63.00	-
2008-09	950.00	2,500.00	1,400.00	1,250.00	1,500.00 *	700.00	1,465.00	80.00	80.00	81.00	-
2009-10	950.00	-	-	1,000.00	1,250.00 *	600.00	-	100.00	100.00	102.00	-
2010-11	950.00	-	-	-	-	-	-	125.00	125.00	125.00	-
2011-12	1,050.00	-	-	-	-	-	-	150.00	150.00	154.00	-
2012-13	1,200.00	-	-	-	-	-	-	170.00	170.00	172.00	-
2013-14	1,200.00	-	-	-	-	-	-	170.00	170.00	172.00	-
2014-15	1,300.00	-	-	-	-	-	3,000.00	180.00	180.00	182.00	-
2015-16	1,300.00	-	-	-	-	-	3,000.00 ^	180.00	180.00	172.00	-
2016-17	1,300.00	-	-	-	-	-	-	180.00	180.00	182.00	-
2017-18	1,300.00	-	-	-	-	-	-	180.00	180.00	182.00	-
2018-19	1,300.00	-	-	-	-	-	-	180.00	180.00	182.00	-
2019-20	1,400.00	-	-	-	-	-	-	190.00	190.00	192.00	-
2020-21	1,800.00	-	-	-	-	-	-	200.00	200.00	202.00	-
2021-22	2,200.00	-	-	-	-	-	5,000.00	225.00	225.00	250.00	-
2022-23	3,900.00	-	-	-	-	-	8,500.00	300.00	300.00	302.00	-

F.A.Q : Fair Average Quality - : Not available

* : Price of Basmati Super (Paddy) Rs. 1500/40 kg for 2008-09 and Rs. 1250/40 kg for 2009-10

** : Indicative prices of sugarcane are notified by the Provincial Governments.

@ : Niab-78, CIM-107 ^ : As recommended by API

Source: M/o National Food Security and Research
Agriculture Policy Institute (API)
Pakistan Bureau of Statistics
Provincial Agriculture Departments

TABLE 2.18

PROCUREMENT, RELEASES AND STOCKS OF WHEAT

000 Tons

	Wheat (May-Apr)		
Years	**Procurement**	**Releases**	**Stocks** (on 1st May)
2000-01	**8,582.0**	**5,537.0**	**3,552.0**
2001-02	**4,081.0**	**3,376.0**	**3,683.0**
2002-03	**4,045.0**	**5,130.0**	**992.0**
2003-04	**3,514.0**	**4,104.0**	**161.0**
2004-05	**3,939.0**	**4,500.0**	**350.0**
2005-06	**4,514.0**	**2,088.4**	**2,107.4**
2006-07	**4,422.0**	**5,985.4**	**499.1**
2007-08	**3,918.0**	**6,357.9**	**136.9**
2008-09	**9,200.0**	**5,784.4**	**821.9**
2009-10	**6,715.0**	**5,985.0**	**4,223.0**
2010-11	**6,150.0**	**6,404.0**	**3,186.0**
2011-12	**5,792.0**	**5,820.0**	**3,506.0**
2012-13	**7,910.0**	**6,363.0**	**1,618.0**
2013-14	**5,948.0**	**6,149.0**	**7,566.0**
2014-15	**6,139.0**	**3,380.0**	**6,447.0**
2015-16	**5,806.0**	**4,468.1**	**6,284.0**
2016-17	**6,516.0**	**-**	**4,531.0**
2017-18	**5,942.0**	**-**	**9,858.0**
2018-19	**4,034.0**	**-**	**3,777.0**
2019-20	**6,596.0**	**1,846.3**	**602.2**
2020-21	**5,810.5**	**3,894.0**	**8,144.1**
2021-22	**6,614.0**	**7,130.0**	**2,030.7**
2022-23	**3,144.1 ***	**8,841.0 ****	**4,641.5 ^**

- : Not available
***: As on 02-05-2023**
****: As on 04-04-2023**
^: As on 02-05-2023

Source: M/o National Food Security and Research
Agriculture Policy Institute (API)
Pakistan Bureau of Statistics
Provincial Agriculture Departments

TABLE 2.19

LIVESTOCK POPULATION

In Million Numbers

Years	Buffalo	Cattle	Goats	Sheep	Poultry	Camels	Asses	Horses	Mules
2000-01	23.3	22.4	49.1	24.2	292.4	0.8	3.9	0.3	0.2
2001-02	24.0	22.8	50.9	24.4	330.0	0.8	3.9	0.3	0.2
2002-03	24.8	23.3	52.8	24.6	346.1	0.8	4.1	0.3	0.2
2003-04	25.5	23.8	54.7	24.7	352.6	0.7	4.1	0.3	0.2
2004-05	26.3	24.2	56.7	24.9	372.0	0.7	4.2	0.3	0.3
2005-06*	27.3	29.6	53.8	26.5	433.8	0.9	4.3	0.3	0.2
2006-07**	28.2	30.7	55.2	26.8	477.0	0.9	4.3	0.3	0.2
2007-08	29.0	31.8	56.7	27.1	518.0	1.0	4.4	0.3	0.2
2008-09	29.9	33.0	58.3	27.4	562.0	1.0	4.5	0.4	0.2
2009-10	30.8	34.3	59.9	27.8	610.0	1.0	4.6	0.4	0.2
2010-11	31.7	35.6	61.5	28.1	663.0	1.0	4.7	0.4	0.2
2011-12	32.7	36.9	63.1	28.4	721.0	1.0	4.8	0.4	0.2
2012-13	33.7	38.3	64.9	28.8	785.0	1.0	4.9	0.4	0.2
2013-14	34.6	39.7	66.6	29.1	855.0	1.0	4.9	0.4	0.2
2014-15	35.6	41.2	68.4	29.4	932.0	1.0	5.0	0.4	0.2
2015-16	36.6	42.8	70.3	29.8	1,016.0	1.0	5.1	0.4	0.2
2016-17	37.7	44.4	72.2	30.1	1,108.0	1.1	5.2	0.4	0.2
2017-18	38.9	46.1	74.1	30.5	1,209.0	1.1	5.3	0.4	0.2
2018-19	40.0	47.8	76.1	30.9	1,321.0	1.1	5.4	0.4	0.2
2019-20	41.2	49.6	78.2	31.2	1,443.0	1.1	5.5	0.4	0.2
2020-21	42.4	51.5	80.3	31.6	1,577.0	1.1	5.6	0.4	0.2
2021-22	43.7	53.4	82.5	31.9	1,725.0	1.1	5.7	0.4	0.2
2022-23 P	45.0	55.5	84.7	32.3	1,887.0	1.1	5.8	0.4	0.2

P : Provisional

* : Actual figures of Livestock Census 2006

** : From 2006-07 to onward figures estimates are based on inter census growth rate of Livestock Census 1996 and 2006

Source: M/o National Food Security & Research
Pakistan Bureau of Statistics

TABLE 2.20

LIVESTOCK PRODUCTS

In 000 Tons

Years	Milk*	Beef	Mutton	Poultry Meat	Wool	Hair	Bones	Fat	Blood	Eggs (Mln.Nos.)	Hides (Mln.Nos.)	Skins (Mln.Nos.)
2000-01	26,284.0	1,010.0	666.0	339.0	39.2	18.6	331.4	123.5	41.8	7,505.0	7.8	38.2
2001-02	27,031.0	1,034.0	683.0	355.0	39.4	19.3	339.4	126.5	42.9	7,679.0	7.9	39.2
2002-03	27,811.0	1,060.0	702.0	370.0	39.7	19.9	347.6	129.7	44.0	7,860.0	8.2	40.3
2003-04	28,624.0	1,087.0	720.0	378.0	39.9	20.7	356.2	132.9	45.2	8,102.0	8.4	42.4
2004-05	29,438.0	1,115.0	739.0	384.0	40.0	20.7	365.1	136.3	45.2	8,529.0	8.6	42.6
2005-06**	31,970.0	1,449.0	554.0	512.0	40.1	20.3	633.5	203.3	51.4	9,712.0	11.4	43.3
2006-07***	32,996.0	1,498.0	566.0	554.0	40.6	20.8	652.5	209.2	52.7	10,197.0	11.8	44.3
2007-08	34,064.0	1,549.0	578.0	601.0	41.0	21.4	672.2	215.3	54.1	10,711.0	12.2	45.3
2008-09	35,160.0	1,601.0	590.0	652.0	41.5	22.0	692.4	221.6	55.4	11,258.0	12.6	46.3
2009-10	36,299.0	1,655.0	603.0	707.0	42.0	22.6	713.4	228.1	56.8	11,839.0	13.0	47.4
2010-11	37,475.0	1,711.0	616.0	767.0	42.5	23.2	735.1	234.8	58.3	12,857.0	13.5	48.5
2011-12	38,617.0	1,769.0	629.0	834.0	43.0	23.8	757.5	241.7	59.8	13,114.0	13.9	49.6
2012-13	39,855.0	1,829.0	643.0	907.0	43.6	24.4	780.5	248.8	61.3	13,813.0	14.4	50.7
2013-14	41,134.0	1,887.0	657.0	987.0	44.1	25.1	802.9	255.8	62.8	14,556.0	14.9	51.9
2014-15	42,454.0	1,951.0	671.0	1,074.0	44.6	25.8	827.2	263.3	64.4	15,346.0	15.4	53.1
2015-16	43,818.0	2,017.0	686.0	1,170.0	45.1	26.5	852.3	271.0	66.1	16,188.0	15.9	54.3
2016-17	45,227.0	2,085.0	701.0	1,276.0	45.7	27.2	878.2	279.0	67.8	17,083.0	16.4	55.5
2017-18	46,682.0	2,155.0	717.0	1,391.0	46.2	27.9	904.9	287.3	69.5	18,037.0	16.9	56.8
2018-19	48,185.0	2,227.0	732.0	1,518.0	46.8	28.6	932.5	295.8	71.3	19,052.0	17.5	58.1
2019-20	49,737.0	2,303.0	748.0	1,657.0	47.3	29.4	961.0	304.5	73.1	20,133.0	18.1	59.5
2020-21	51,340.0	2,380.0	765.0	1,977.0	47.9	30.2	990.3	313.6	75.0	21,285.0	18.8	60.8
2021-22	52,996.0	2,461.0	782.0	1,977.0	48.4	31.0	1,020.7	322.9	77.0	22,512.0	19.4	62.3
2022-23 P	54,707.0	2,544.0	799.0	2,160.0	49.0	31.8	1,052.0	332.5	79.0	23,819.0	20.0	63.7

P : Provisional

Source: M/o National Food Security & Research
Pakistan Bureau of Statistics

*** : Human Consumption**
**** : Figures are computed using actual population of Livestock Census 2005-06**
***** : Figures are computed using estimated Livestock population of 2006-07 using inter census growth rate of 1996 and 2006**
Note: The figures for livestock products are computed by applying production parameters to the projected population of 2022-23

TABLE 2.21

RAINFALL AT SELECTED CITIES CENTRES

In Millimetres

Years	Islamabad	Lahore	Multan	Karachi	Jacobabad	Peshawar	Quetta
	Height above sea Level (in metres)						
	507	213	122	21	55	359	1600
2001	1,177.7	535.7	297.9	100.4	17.8	263.1	93.5
2002	930.5	333.7	101.4	55.8	17.1	388.0	179.3
2003	1,241.6	627.5	159.8	324.9	210.0	904.5	249.5
2004	1,026.3	495.2	189.8	65.9	49.6	454.0	121.8
2005	979.0	652.2	300.5	97.2	61.8	625.0	310.5
2006	1,598.0	750.8	144.7	301.1	94.2	497.5	206.5
2007	1,796.0	660.3	262.0	465.6	183.0	685.0	297.0
2008	1,388.0	614.0	247.5	121.6	187.7	817.0	135.5
2009	607.0	372.2	119.2	279.9	42.8	623.0	289.0
2010	1,088.0	540.7	287.0	365.9	-	839.0	133.0
2011	1,254.0	856.9	186.0	290.2	293.3	568.0	459.0
2012	1,029.5	582.9	239.0	152.1	485.8	461.5	244.6
2013	1,916.0	902.8	225.7	168.9	345.3	597.0	286.5
2014	1,667.0	785.9	257.5	30.7	21.3	360.4	180.0
2015	1,779.0	857.2	394.6	53.2	155.5	825.5	212.0
2016	922.0	806.5	196.5	167.7	46.0	364.5	159.0
2017	965.1	628.1	237.9	232.2	79.0	511.0	192.5
2018	1,213.0	610.6	59.6	0.8	20.2	503.9	122.0
2019	1,212.0	897.9	287.9	367.3	194.5	422.1	513.4
2020	1,399.9	880.6	357.8	474.1	205.0	477.0	242.0
2021	1,258.2	641.5	114.4	167.5	101.0	272.3	62.0
2022	1,198.7	731.3	362.0	572.7	838.7	442.5	375.0
2023*	876.2	940.8	292.1	67.2	257.0	279.8	192.5

- : Not available *: Total of first seven months Source: Pakistan Meteorological Department

TABLE 2.22

TEMPERATURE AT SELECTED CITIES CENTRES

In Centigrades

Years	Islam-abad	Lahore	Multan	Karachi	Jacob-abad	Pesha-war	Quetta	Islam-abad	Lahore	Multan	Karachi	Jacob-abad	Pesha-war	Quetta
	MEAN OF MINIMUM							MEAN OF MAXIMUM						
2001	15.4	19.5	18.8	22.2	20.2	17.3	8.9	30.2	30.7	32.8	32.6	35.1	30.2	26.4
2002	15.5	20.1	19.0	21.4	20.6	17.5	9.1	30.1	31.1	33.5	32.2	35.2	29.6	25.9
2003	14.9	19.5	18.5	21.2	20.6	16.7	8.9	28.8	29.9	32.7	32.8	34.3	29.1	25.2
2004	15.4	20.3	19.1	21.9	21.0	17.3	9.3	29.5	30.8	33.1	32.8	35.0	30.2	26.3
2005	14.6	19.4	18.1	21.8	20.5	16.3	8.8	28.3	29.9	31.7	32.1	33.5	28.7	23.9
2006	16.0	20.3	19.6	22.5	21.6	17.7	10.9	29.3	30.6	32.9	32.3	34.5	29.7	26.3
2007	15.1	19.8	19.0	22.2	21.3	16.9	8.6	29.1	30.5	32.5	32.9	34.2	29.6	25.1
2008	15.6	19.8	18.8	21.6	20.9	16.6	8.5	28.7	30.2	32.0	32.0	34.0	29.2	25.8
2009	15.6	20.0	18.9	22.3	21.0	16.9	9.4	29.5	31.1	32.8	32.9	34.3	29.8	25.4
2010	16.2	20.1	19.4	21.9	-	17.1	9.5	29.8	30.8	32.9	33.0	-	30.0	26.0
2011	15.9	19.5	19.3	21.7	20.8	17.1	9.7	28.9	29.9	32.2	32.4	33.6	29.5	26.7
2012	15.7	18.4	18.7	21.5	20.2	16.5	8.4	29.2	30.3	32.1	32.0	33.5	28.9	24.1
2013	16.2	17.9	19.7	21.9	20.8	17.2	9.7	28.8	30.0	32.0	32.4	33.7	28.9	25.0
2014	15.6	17.9	19.0	21.7	19.1	16.5	9.2	28.3	29.8	31.4	32.7	34.0	28.8	24.8
2015	16.0	18.8	19.3	22.4	19.5	16.5	10.0	28.2	29.8	31.4	32.9	33.1	28.7	25.6
2016	16.8	19.0	20.4	22.5	20.9	17.7	10.5	30.1	31.2	32.8	33.0	35.0	30.2	26.5
2017	16.7	19.2	19.9	22.2	20.4	17.4	9.9	29.5	30.9	32.1	32.8	34.7	29.6	25.1
2018	16.3	19.5	19.7	22.2	21.4	17.1	10.5	29.6	31.1	32.4	33.4	34.1	29.5	25.7
2019	16.2	19.2	19.5	22.2	20.6	16.0	10.5	28.0	29.7	31.0	32.5	33.6	29.4	24.2
2020	16.0	19.0	19.4	21.9	20.2	16.5	9.6	28.0	29.8	31.1	33.2	33.6	28.6	23.8
2021	16.6	19.2	19.8	23.2	20.5	17.2	10.7	28.9	30.5	32.3	33.6	34.5	30.2	25.6
2022	14.8	19.9	20.2	22.4	20.7	15.9	10.1	29.4	31.0	32.6	33.1	34.1	30.8	26.3
2023*	13.9	18.7	19.2	22.4	21.0	16.5	11.1	28.4	30.1	31.6	33.0	34.6	29.9	25.8

- : Not available ***: Average of first seven months** **Source: Pakistan Meteorological Department**

TABLE 2.23

CONSUMPTION OF ELECTRICITY & PETROLEUM OIL IN AGRICULTURE SECTOR

Years	Electricity		Petroleum Oil	
	Consumption GWh	% Share in Total Electricity Consumption	Consumption 000 Tons	% Share in Total Oil Consumption
2000-01	4,924	10.1	254.8	1.4
2001-02	5,607	11.1	225.7	1.3
2002-03	6,016	11.4	196.7	1.2
2003-04	6,669	11.6	183.5	1.4
2004-05	6,988	11.4	142.1	1.0
2005-06	7,949	11.8	81.9	0.6
2006-07	8,176	11.2	97.2	0.6
2007-08	8,472	11.5	109.4	0.6
2008-09	8,795	12.5	69.8	0.4
2009-10	9,689	13.0	58.1	0.3
2010-11	8,971	11.6	40.6	0.2
2011-12	8,548	11.1	23.3	0.1
2012-13	7,697	10.0	31.8	0.2
2013-14	8,290	9.9	46.7	0.2
2014-15	8,033	9.4	37.2	0.2
2015-16	8,526	9.4	14.5	0.1
2016-17	9,221	9.7	12.7	0.05
2017-18	10,128	9.5	14.5	0.1
2018-19	9,809	9.0	15.0	0.1
2019-20	9,757	9.0	12.0	0.1
2020-21	10,238	8.8	12.1	0.1
2021-22	10,247	9.2	11.8	0.1
2022-23 P	9,543	8.3	9.2	0.1

P : Provisional **Source: Ministry of Energy (Petroleum Division)**

Note: **HSD consumption in agriculture sector is not available seprately and is included under transport sector.**
Agricultural sector represents Light Diesel Oil (LDO) only.