

TABLE 7.1

USE OF FERTILIZERS, MANURES, PESTICIDES AND HERBICIDES BY SIZE OF FARM

SIZE OF FARM (ACRES)	TOTAL FARMS	FARMS REPORTING USE OF									
		FERTILIZERS & MANURES		FERTILIZERS ONLY		MANURES ONLY		PESTICIDES		HERBICIDES	
		NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL
1	2	3	4	5	6	7	8	9	10	11	12
PAKISTAN											
PRIVATE FARMS-TOTAL	8264480	2445133	30	3350976	41	222983	3	2752139	33	2452938	30
UNDER 1.0	1254718	318929	25	287162	23	74735	6	181169	14	168305	13
1.0 TO UNDER 2.5	2342233	734465	31	967757	41	64803	3	768083	33	685695	29
2.5 TO UNDER 5.0	1753995	550442	31	782128	45	40878	2	650289	37	574463	33
5.0 TO UNDER 7.5	1131990	332211	29	520675	46	18578	2	441547	39	399568	35
7.5 TO UNDER 12.5	917007	268870	29	421638	46	14437	2	374874	41	333752	36
12.5 TO UNDER 25.0	560748	157582	28	246406	44	7027	1	225734	40	201502	36
25.0 TO UNDER 50.0	210907	57421	27	90342	43	1852	1	79105	38	65536	31
50.0 TO UNDER 100.0	66874	18597	28	26225	39	472	1	23780	36	17608	26
100.0 TO UNDER 150.0	12607	3849	31	4753	38	87	1	3982	32	3393	27
150.0 AND ABOVE	13438	2788	21	3902	29	117	1	3567	27	3133	23
KHYBER PAKHTUNKHWA PROVINCE											
PRIVATE FARMS-TOTAL	1539829	641913	42	230376	15	110036	7	135991	9	119737	8
UNDER 1.0	476330	170776	36	59651	13	41468	9	27123	6	23144	5
1.0 TO UNDER 2.5	497077	225741	45	82577	17	37032	7	40658	8	36927	7
2.5 TO UNDER 5.0	271160	127126	47	42095	16	17513	6	28087	10	25750	9
5.0 TO UNDER 7.5	129012	56112	43	20933	16	6099	5	17870	14	13611	11
7.5 TO UNDER 12.5	91854	37311	41	13494	15	5044	5	12358	13	11134	12
12.5 TO UNDER 25.0	49221	16155	33	7742	16	2303	5	6539	13	6335	13
25.0 TO UNDER 50.0	18181	6452	35	2550	14	482	3	2384	13	1930	11
50.0 TO UNDER 100.0	5220	1473	28	1003	19	57	1	663	13	664	13
100.0 TO UNDER 150.0	1026	438	43	167	16	5	*	121	12	76	7
150.0 AND ABOVE	764	332	43	158	21	25	3	176	23	162	21
PUNJAB PROVINCE											
PRIVATE FARMS-TOTAL	5249804	1558007	30	2378435	45	85660	2	2166626	41	2110697	40
UNDER 1.0	729981	143911	20	207849	28	31492	4	142198	19	139794	19
1.0 TO UNDER 2.5	1473113	451323	31	680476	46	19926	1	606149	41	581969	40
2.5 TO UNDER 5.0	1144394	365343	32	544367	48	16293	1	503817	44	493171	43
5.0 TO UNDER 7.5	792342	243387	31	396533	50	8957	1	365046	46	360607	46
7.5 TO UNDER 12.5	620261	199128	32	309827	50	6195	1	303073	49	295040	48
12.5 TO UNDER 25.0	359408	112984	31	173351	48	2307	1	178407	50	173503	48
25.0 TO UNDER 50.0	96590	31149	32	48880	51	380	*	49835	52	49692	51
50.0 TO UNDER 100.0	25015	7940	32	12298	49	104	*	13399	54	12192	49
100.0 TO UNDER 150.0	4655	1534	33	2797	60	5	*	2531	54	2656	57
150.0 AND ABOVE	4062	1316	32	2077	51	4	*	2184	54	2083	51
SINDH PROVINCE											
PRIVATE FARMS-TOTAL	1115285	187513	17	671206	60	13587	1	412430	37	196495	18
UNDER 1.0	41640	3344	8	18616	45	1366	3	11364	27	5279	13
1.0 TO UNDER 2.5	305589	47283	15	195751	64	4391	1	115457	38	64223	21
2.5 TO UNDER 5.0	282248	47224	17	181502	64	4019	1	110336	39	51368	18
5.0 TO UNDER 7.5	159335	24860	16	93746	59	1572	1	53187	33	22521	14
7.5 TO UNDER 12.5	138060	21819	16	82088	59	1105	1	51692	37	21448	16
12.5 TO UNDER 25.0	97700	19943	20	53253	55	657	1	35701	37	16281	17
25.0 TO UNDER 50.0	64040	15419	24	32545	51	412	1	24435	38	10492	16
50.0 TO UNDER 100.0	21102	5939	28	11192	53	57	*	8212	39	3636	17
100.0 TO UNDER 150.0	3182	957	30	1348	42	7	*	1069	34	508	16
150.0 AND ABOVE	2393	732	31	1158	48	3	*	971	41	748	31
BALOCHISTAN PROVINCE											
PRIVATE FARMS-TOTAL	359562	57700	16	70959	20	13700	4	37092	10	26009	7
UNDER 1.0	6767	898	13	1046	15	409	6	484	7	88	1
1.0 TO UNDER 2.5	66454	10118	15	8953	13	3454	5	5819	9	2576	4
2.5 TO UNDER 5.0	56193	10749	19	14164	25	3053	5	8049	14	4174	7
5.0 TO UNDER 7.5	51301	7852	15	9463	18	1950	4	5444	11	2829	6
7.5 TO UNDER 12.5	66832	10612	16	16229	24	2093	3	7751	12	6130	9
12.5 TO UNDER 25.0	54419	8500	16	12060	22	1760	3	5087	9	5383	10
25.0 TO UNDER 50.0	32096	4401	14	6367	20	578	2	2451	8	3422	11
50.0 TO UNDER 100.0	15537	3245	21	1732	11	254	2	1506	10	1116	7
100.0 TO UNDER 150.0	3744	920	25	441	12	70	2	261	7	153	4
150.0 AND ABOVE	6219	408	7	509	8	85	1	236	4	140	2

* VALUE LESS THAN 0.5

TABLE 7.2

USE OF FERTILIZERS, MANURES, PESTICIDES AND HERBICIDES BY TENURE

TENURE	TOTAL FARMS	FARMS REPORTING USE OF									
		FERTILIZERS & MANURES		FERTILIZERS ONLY		MANURES ONLY		PESTICIDES		HERBICIDES	
		NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL
1	2	3	4	5	6	7	8	9	10	11	12
PAKISTAN											
PRIVATE FARMS-TOTAL	8264480	2445133	30	3350976	41	222983	3	2752139	33	2452938	30
OWNER FARMS	6743983	2010096	30	2624347	39	205342	3	2132333	32	1955293	29
OWNER-CUM-TENANT FARMS	604354	207906	34	263207	44	9427	2	256130	42	237666	39
TENANT FARMS	916154	227134	25	463438	51	8214	1	363691	40	259999	28
KHYBER PAKHTUNKHWA PROVINCE											
PRIVATE FARMS-TOTAL	1539829	641913	42	230376	15	110036	7	135991	9	119737	8
OWNER FARMS	1339563	545591	41	195977	15	101236	8	109531	8	96653	7
OWNER-CUM-TENANT FARMS	93485	40828	44	17137	18	5599	6	13161	14	11117	12
TENANT FARMS	106780	55507	52	17272	16	3202	3	13304	12	11970	11
PUNJAB PROVINCE											
PRIVATE FARMS-TOTAL	5249804	1558007	30	2378435	45	85660	2	2166626	41	2110697	40
OWNER FARMS	4324738	1275302	29	1930281	45	79387	2	1717585	40	1692022	39
OWNER-CUM-TENANT FARMS	452293	158000	35	214509	47	2404	1	223841	49	215652	48
TENANT FARMS	472780	124701	26	233644	49	3870	1	225214	48	203030	43
SINDH PROVINCE											
PRIVATE FARMS-TOTAL	1115285	187513	17	671206	60	13587	1	412430	37	196495	18
OWNER FARMS	784099	141259	18	449835	57	12285	2	276473	35	145699	19
OWNER-CUM-TENANT FARMS	45060	5864	13	29009	64	447	1	17746	39	10086	22
TENANT FARMS	286134	40389	14	192368	67	854	*	118207	41	40719	14
BALUCHISTAN PROVINCE											
PRIVATE FARMS-TOTAL	359562	57700	16	70959	20	13700	4	37092	10	26009	7
OWNER FARMS	295583	47944	16	48254	16	12434	4	28744	10	20919	7
OWNER-CUM-TENANT FARMS	13516	3214	24	2552	19	977	7	1382	10	811	6
TENANT FARMS	50460	6537	13	20154	40	288	1	6966	14	4280	8

* VALUE LESS THAN 0.5

TABLE 7.3 PROPORTION OF VARIOUS CHEMICAL FERTILIZERS USED ON IMPORTANT CROPS

CROPS	PROPORTION OF FERTILIZERS USED											
	UREA	D.A.P.	A.N.	M.A.P.	S.S.P.	T.S.P.	M.O.P.	NITRO PHOSPHATE	POTASSIUM SULPHATE	N.P.K.	OTHERS	
1	2	3	4	5	6	7	8	9	10	11	12	
PAKISTAN												
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100
ORCHARDS	5	5	1	2	3	2	1	5	*	8	14	
WHEAT	49	50	72	78	50	54	16	34	3	67	27	
TOBACCO	1	1	*	*	*	*	*	1	*	1	*	
POTATOES	2	2	*	3	6	1	4	11	95	2	1	
ONIONS	1	*	*	*	*	*	*	*	*	*	2	
SUNFLOWER	1	1	1	*	1	1	*	2	*	*	17	
PADDY	12	12	6	9	15	16	10	16	1	9	10	
SUGARCANE	6	6	3	4	6	7	32	6	1	3	11	
COTTON	16	16	13	3	3	3	29	20	*	4	5	
MAIZE FOR GRAIN ..	6	6	2	1	15	15	1	3	*	4	3	
VEGETABLES	1	1	*	*	*	1	5	2	*	1	10	
OTHER CROPS	1	1	*	*	*	*	1	*	*	*	*	
KHYBER PAKHTUNKHWA PROVINCE												
TOTAL	100	100	100	100	100	100	100	100	100	100	100	
ORCHARDS	1	1	*	5	*	*	*	1	*	1	1	
WHEAT	53	53	60	39	74	56	19	33	1	70	5	
TOBACCO	2	1	4	2	1	6	*	1	*	15	*	
POTATOES	2	2	*	-	-	*	-	*	98	1	*	
ONIONS	*	*	*	-	*	*	-	*	*	*	-	
SUNFLOWER	*	*	*	*	*	*	*	*	*	*	37	
PADDY	3	3	*	5	*	*	4	3	*	*	*	
SUGARCANE	12	12	3	11	2	1	1	11	*	1	1	
COTTON	*	*	-	-	-	-	-	-	-	-	*	
MAIZE FOR GRAIN ..	25	25	30	38	22	36	5	39	*	2	4	
VEGETABLES	1	1	2	*	*	1	70	12	*	10	51	
OTHER CROPS	1	1	*	*	-	-	-	*	*	*	*	
PUNJAB PROVINCE												
TOTAL	100	100	100	100	100	100	100	100	100	100	100	
ORCHARDS	2	2	2	3	2	1	*	4	*	9	12	
WHEAT	47	48	77	61	43	55	15	35	4	68	35	
TOBACCO	*	*	*	*	*	*	*	1	*	-	*	
POTATOES	2	1	*	6	8	1	5	17	91	3	*	
ONIONS	*	*	*	*	*	*	-	*	*	*	1	
SUNFLOWER	*	*	*	*	*	*	*	*	*	*	14	
PADDY	15	15	7	19	20	18	8	23	2	8	12	
SUGARCANE	5	5	2	6	7	8	37	5	1	4	15	
COTTON	23	23	10	5	3	3	32	14	*	3	6	
MAIZE FOR GRAIN ..	2	2	1	*	16	14	1	1	*	5	4	
VEGETABLES	1	1	*	*	*	1	*	1	*	*	*	
OTHER CROPS	2	2	*	*	*	*	2	*	*	*	*	
SINDH PROVINCE												
TOTAL	100	100	100	100	100	100	100	100	100	100	100	
ORCHARDS	11	11	*	*	1	1	8	*	1	*	2	
WHEAT	46	47	65	95	72	43	14	32	49	73	11	
TOBACCO	-	-	-	-	-	-	-	-	-	-	-	
POTATOES	*	*	-	-	-	-	-	-	3	-	-	
ONIONS	1	1	1	*	1	-	1	1	3	*	24	
SUNFLOWER	1	1	1	*	11	19	1	4	2	*	4	
PADDY	16	16	5	2	*	13	39	3	7	18	31	
SUGARCANE	4	4	4	2	1	13	6	9	1	*	-	
COTTON	19	17	24	1	12	11	31	48	17	9	12	
MAIZE FOR GRAIN ..	*	*	*	*	*	-	-	1	1	*	-	
VEGETABLES	1	1	*	*	*	*	*	1	14	-	14	
OTHER CROPS	1	1	*	*	2	-	*	*	1	*	*	
BALUCHISTAN PROVINCE												
TOTAL	100	100	100	100	100	100	100	100	100	100	100	
ORCHARDS	20	20	3	*	39	64	25	49	*	66	86	
WHEAT	57	57	87	99	56	30	41	29	*	18	4	
TOBACCO	2	2	-	-	-	-	-	2	-	*	-	
POTATOES	5	5	-	*	-	-	-	-	100	*	5	
ONIONS	1	1	-	*	-	2	-	3	-	*	-	
SUNFLOWER	6	6	9	*	*	2	3	14	*	12	*	
PADDY	4	4	1	*	4	-	27	*	*	3	3	
SUGARCANE	*	*	-	-	-	-	-	*	-	-	-	
COTTON	2	2	*	-	-	-	-	-	*	-	-	
MAIZE FOR GRAIN ..	1	1	-	*	1	-	-	-	-	-	-	
VEGETABLES	1	1	*	*	-	1	4	3	*	1	2	
OTHER CROPS	*	*	*	-	*	-	*	*	*	-	-	

X NOT APPLICABLE * PERCENT LESS THAN 0.5 H.H. STANDS FOR HOUSEHOLDS
D.A.P. = DI-AMMONIUM PHOSPHATE, A.N. = AMMONIUM NITRATE, M.A.P. = MONO-AMMONIUM PHOSPHATE, S.S.P. = SINGLE SUPER PHOSPHATE,
T.S.P. = TRIPLE SUPER PHOSPHATE, M.O.P = MURATE OF POTASH, N.P.K. = NITROGEN PHOSPHORUS POTASSIUM (OF VARIOUS COMBINATIONS)

TABLE 7.4 USE OF FERTILIZERS BY EXTENT OF CULTIVATED AREA IRRIGATED AND BY SIZE OF FARM

SIZE OF FARM (ACRES)	FARMS REPORTING USE OF FERTILIZERS BY EXTENT OF IRRIGATION								UN-IRRIGATED FARMS	
	UNDER 51%		51% TO UNDER 76%		76% TO UNDER 100%		100%		NUMBER	PERCENT
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT		
1	2	3	4	5	6	7	8	9	10	11
PAKISTAN										
PRIVATE FARMS-TOTAL	115052	79	41787	78	28687	83	5015856	82	594732	39
UNDER 1.0	2402	70	1233	62	184	68	465164	61	137115	41
1.0 TO UNDER 2.5	14606	75	3691	75	3177	75	1482705	83	198040	46
2.5 TO UNDER 5.0	17797	80	8927	82	4522	81	1176200	85	125122	42
5.0 TO UNDER 7.5	19121	82	6536	76	5772	86	760580	87	60865	32
7.5 TO UNDER 12.5	23893	79	7717	82	4863	81	611176	87	42854	30
12.5 TO UNDER 25.0	24002	80	7685	78	5382	83	345235	86	21662	23
25.0 TO UNDER 50.0	8404	76	4517	80	3539	88	124511	84	6792	25
50.0 TO UNDER 100.0	3328	75	1157	73	1057	92	37889	86	1378	16
100.0 TO UNDER 150.0	752	80	156	58	70	77	6992	86	624	35
150.0 AND ABOVE	744	72	160	66	112	81	5384	82	287	16
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	26673	76	9610	72	4052	64	507490	68	324466	51
UNDER 1.0	1738	80	740	69	48	71	140128	66	87770	43
1.0 TO UNDER 2.5	7799	81	2236	80	786	53	180574	71	116924	57
2.5 TO UNDER 5.0	7882	80	2612	78	1058	64	90612	70	67061	56
5.0 TO UNDER 7.5	3391	78	1913	76	879	87	44072	68	26793	51
7.5 TO UNDER 12.5	2720	67	1145	63	746	69	29620	65	16568	47
12.5 TO UNDER 25.0	1851	61	488	44	392	48	15351	63	5812	33
25.0 TO UNDER 50.0	753	68	339	74	96	67	4963	61	2851	43
50.0 TO UNDER 100.0	305	72	47	57	26	55	1557	64	541	41
100.0 TO UNDER 150.0	158	91	63	100	7	88	269	67	108	44
150.0 AND ABOVE	77	68	21	46	12	100	340	76	41	71
PUNJAB PROVINCE										
PRIVATE FARMS-TOTAL	75741	83	22186	88	18393	90	3554709	85	265422	33
UNDER 1.0	647	52	398	50	136	68	301350	59	49237	36
1.0 TO UNDER 2.5	5707	71	1436	73	2368	88	1041900	86	80383	37
2.5 TO UNDER 5.0	8380	83	5302	92	3270	89	835303	89	57453	35
5.0 TO UNDER 7.5	14390	85	3000	76	3794	88	585303	91	33427	29
7.5 TO UNDER 12.5	18464	84	4076	92	3475	87	457621	92	25318	30
12.5 TO UNDER 25.0	19650	85	5491	95	3379	94	243009	92	14802	25
25.0 TO UNDER 50.0	5987	81	1792	95	1551	96	67130	92	3558	31
50.0 TO UNDER 100.0	1744	79	582	96	341	97	16939	93	629	20
100.0 TO UNDER 150.0	365	88	60	98	23	100	3390	96	488	82
150.0 AND ABOVE	406	93	47	85	47	100	2758	90	128	31
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	5798	84	6586	74	3389	83	842746	84	195	1
UNDER 1.0	7	100	95	100	-	-	21858	74	-	-
1.0 TO UNDER 2.5	827	77	-	-	16	76	242120	85	75	2
2.5 TO UNDER 5.0	1035	82	657	63	188	100	226817	85	26	*
5.0 TO UNDER 7.5	485	79	1290	89	780	95	116043	83	1	*
7.5 TO UNDER 12.5	1379	84	1550	83	421	78	100548	83	11	*
12.5 TO UNDER 25.0	907	91	956	63	758	82	70559	84	8	*
25.0 TO UNDER 50.0	686	92	1802	77	932	76	44505	83	42	2
50.0 TO UNDER 100.0	437	89	213	57	286	94	16195	89	1	*
100.0 TO UNDER 150.0	37	88	14	12	9	100	2244	82	-	-
150.0 AND ABOVE	2	100	15	38	-	-	1843	86	32	46
BALUCHISTAN PROVINCE										
PRIVATE FARMS-TOTAL	6840	54	3405	59	2853	75	110911	56	4649	7
UNDER 1.0	10	59	-	-	-	-	1828	39	108	23
1.0 TO UNDER 2.5	273	42	19	29	7	54	18111	48	658	9
2.5 TO UNDER 5.0	500	45	356	50	6	8	23468	61	582	8
5.0 TO UNDER 7.5	855	61	333	49	319	53	15162	57	644	6
7.5 TO UNDER 12.5	1330	52	946	75	221	51	23387	60	957	7
12.5 TO UNDER 25.0	1594	54	750	54	853	78	16316	57	1040	9
25.0 TO UNDER 50.0	978	53	584	58	960	92	7913	58	341	5
50.0 TO UNDER 100.0	842	62	315	61	404	91	3198	58	207	7
100.0 TO UNDER 150.0	192	61	19	83	31	61	1089	76	28	3
150.0 AND ABOVE	259	54	77	75	53	95	443	48	86	7

* VALUE LESS THAN 0.5

TABLE 7.5

FARMS REPORTING USE OF FERTILIZERS AND MANURES ON WHEAT BY SIZE OF FARM

(AREA IN ACRES)

SIZE OF FARM (ACRES)	FARMS REPORTING WHEAT		FARMS REPORTING USE OF FERTILIZERS/ MANURES ON WHEAT		WHEAT AREA ON WHICH					
					BOTH FERTILIZERS AND MANURES USED		ONLY FERTILIZERS USED		ONLY MANURES USED	
	NUMBER	AREA	NUMBER	AREA FERTILIZED/ MANURED	FARMS REPORTING	AREA	FARMS REPORTING	AREA	FARMS REPORTING	AREA
1	2	3	4	5	6	7	8	9	10	11
PAKISTAN										
PRIVATE FARMS-TOTAL	6914857	28226788	5573773	23493271	2073975	7138299	3553223	15229996	464537	1124976
UNDER 1.0	853989	352441	616259	281326	267882	112941	309133	132328	101328	36050
1.0 TO UNDER 2.5	2016009	2705256	1637514	2343697	642611	817660	1015045	1368414	135581	157626
2.5 TO UNDER 5.0	1554858	4225521	1272831	3608229	472062	1200157	816540	2200804	94067	207247
5.0 TO UNDER 7.5	984122	4290654	812702	3684602	279942	1138650	550276	2358921	54025	187016
7.5 TO UNDER 12.5	796004	5420822	657591	4593710	220600	1370209	451645	3014297	43009	209208
12.5 TO UNDER 25.0	468874	5153257	383164	4259999	127766	1242367	269548	2843731	24480	173900
25.0 TO UNDER 50.0	171866	3237562	138302	2591186	44622	701944	101335	1794935	8756	94313
50.0 TO UNDER 100.0	51224	1620163	41214	1263090	13370	335960	29850	890538	2146	36596
100.0 TO UNDER 150.0	9918	472998	8005	376473	3078	103049	5469	258212	758	15218
150.0 AND ABOVE	7998	748151	6177	490982	2045	115355	4414	367820	389	7807
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	1285451	3238076	866747	2165467	529821	1065830	325425	752551	198620	347085
UNDER 1.0	355822	144023	236116	108550	139521	55588	77889	32242	57295	20716
1.0 TO UNDER 2.5	426830	533214	304814	446232	191383	227185	116211	144571	69109	74469
2.5 TO UNDER 5.0	239502	608911	166209	463532	103938	245420	61692	145561	35956	72549
5.0 TO UNDER 7.5	115403	472811	73325	328065	44057	158693	31770	115108	16849	54262
7.5 TO UNDER 12.5	82662	513780	51094	326079	30689	159657	20484	111740	11382	54681
12.5 TO UNDER 25.0	43986	458553	23208	238454	12952	110860	10701	91733	4690	35860
25.0 TO UNDER 50.0	15602	275144	8748	136784	5427	58886	4856	56417	2684	21480
50.0 TO UNDER 100.0	4118	124626	2254	60830	1241	24687	1296	28629	430	7513
100.0 TO UNDER 150.0	874	46196	515	25478	349	8678	315	12368	173	4432
150.0 AND ABOVE	655	60827	453	31473	262	16171	210	14171	53	1129
PUNJAB PROVINCE										
PRIVATE FARMS-TOTAL	4553047	18683517	3877328	16552574	1365310	5051184	2564812	10986099	211602	515286
UNDER 1.0	469412	197153	357196	163644	125207	55932	212763	93061	42185	14646
1.0 TO UNDER 2.5	1315354	1760219	1113825	1545914	409410	529120	719442	955188	52347	61612
2.5 TO UNDER 5.0	1048071	2839949	894600	2485955	324927	832534	582816	1557754	44543	95655
5.0 TO UNDER 7.5	719292	3159970	627671	2833610	211760	875446	429476	1858975	29918	99178
7.5 TO UNDER 12.5	566321	3918529	498832	3496003	166679	1061630	344768	2331886	23680	102491
12.5 TO UNDER 25.0	316642	3518254	279928	3141662	93138	927054	198636	2127372	14209	87233
25.0 TO UNDER 50.0	87970	1831009	78176	1618775	25686	452578	56887	1128747	3599	37455
50.0 TO UNDER 100.0	21957	804355	19660	709415	6331	194604	14364	502013	801	12804
100.0 TO UNDER 150.0	4480	249893	4156	223475	1184	48256	3130	171903	221	3321
150.0 AND ABOVE	3561	404202	3279	334130	987	74030	2541	259213	99	887
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	880885	4688526	729387	3960557	144298	785064	602016	2998932	39978	176562
UNDER 1.0	25370	10306	21409	8647	2665	1262	17478	6775	1610	610
1.0 TO UNDER 2.5	246995	372172	207965	333901	38071	56029	173816	259634	11724	18238
2.5 TO UNDER 5.0	234014	676046	194310	602466	37358	106896	161073	462747	11272	32822
5.0 TO UNDER 7.5	121532	534763	98623	465533	19378	88141	81720	352438	5083	24955
7.5 TO UNDER 12.5	105937	718831	87104	633407	16282	106837	73552	490493	5208	36073
12.5 TO UNDER 25.0	74674	813139	60762	676672	15307	147529	47857	500049	3004	29100
25.0 TO UNDER 50.0	50335	808151	40944	652830	10375	149090	32175	483187	1368	20558
50.0 TO UNDER 100.0	17391	491845	14741	400731	3624	78311	11789	315554	368	6863
100.0 TO UNDER 150.0	2646	119228	1994	94269	738	32613	1508	56654	243	5003
150.0 AND ABOVE	1986	144061	1531	92104	505	18358	1059	71409	94	2339
BALOCHISTAN PROVINCE										
PRIVATE FARMS-TOTAL	195474	1616669	100311	814673	34546	236221	60970	492414	14337	86043
UNDER 1.0	3385	959	1538	485	489	159	1003	250	238	78
1.0 TO UNDER 2.5	26830	39651	10910	17650	3747	5326	5576	9021	2401	3307
2.5 TO UNDER 5.0	33271	100615	17712	56276	5839	15307	10959	34742	2296	6221
5.0 TO UNDER 7.5	27895	123110	13083	57394	4747	16370	7310	32400	2175	8621
7.5 TO UNDER 12.5	41084	269682	20561	138221	6950	42085	12841	80178	2739	15963
12.5 TO UNDER 25.0	33572	363311	19266	203211	6369	56924	12354	124577	2577	21707
25.0 TO UNDER 50.0	17959	323258	10434	182797	3134	41390	7417	126584	1105	14820
50.0 TO UNDER 100.0	7758	199337	4559	92114	2174	38358	2401	44342	547	9416
100.0 TO UNDER 150.0	1918	57681	1340	33251	807	13502	516	17287	121	2462
150.0 AND ABOVE	1796	139061	914	33275	291	6796	604	23027	143	3452

* VALUE LESS THAN 0.5 HUNDRED

TABLE 7.6 FARMS REPORTING USE OF FERTILIZERS AND MANURES ON PADDY BY SIZE OF FARM

(AREA IN ACRES)											
SIZE OF FARM (ACRES)	FARMS REPORTING PADDY		FARMS REPORTING USE OF FERTILIZERS/ MANURES ON PADDY		PADDY AREA ON WHICH						
	NUMBER	AREA	NUMBER	AREA FERTILIZED/ MANURED	BOTH FERTILIZERS AND MANURES USED		ONLY FERTILIZERS USED		ONLY MANURES USED		
					FARMS REPORTING	AREA	FARMS REPORTING	AREA	FARMS REPORTING	AREA	
1	2	3	4	5	6	7	8	9	10	11	
PAKISTAN											
PRIVATE FARMS-TOTAL	2249003	9355256	1685267	7481692	489877	1870763	1221216	5362104	63368	248817	
UNDER 1.0	164689	68802	106133	46788	32372	13922	71553	30969	5236	1901	
1.0 TO UNDER 2.5	572759	740925	424750	574673	128502	157700	300227	394862	17406	22105	
2.5 TO UNDER 5.0	535534	1306630	402265	1039332	115379	264820	292264	733773	14824	40737	
5.0 TO UNDER 7.5	378807	1414286	288113	1137607	80605	278934	213534	821779	9829	36887	
7.5 TO UNDER 12.5	325641	1851920	252356	1513562	73143	380506	184930	1085473	8484	47577	
12.5 TO UNDER 25.0	179867	1788138	141863	1490859	39767	356329	106233	1085895	4831	48630	
25.0 TO UNDER 50.0	65233	1149466	49779	920350	14153	235241	37826	654767	2006	30342	
50.0 TO UNDER 100.0	19958	655791	15397	493677	4757	136166	11120	343151	506	14360	
100.0 TO UNDER 150.0	3666	172808	2588	118300	670	25133	1978	88361	213	4809	
150.0 AND ABOVE	2861	206501	2047	146548	550	22014	1565	123073	41	1457	
KHYBER PAKHTUNKHWA PROVINCE											
PRIVATE FARMS-TOTAL	70725	177092	38244	97931	22574	40365	14922	54064	3630	3500	
UNDER 1.0	13167	4210	7744	2460	5444	1625	1890	575	1110	261	
1.0 TO UNDER 2.5	21600	20532	10724	9576	7107	5933	3161	3054	1253	585	
2.5 TO UNDER 5.0	13456	23531	6287	9721	4307	6203	1780	3098	464	420	
5.0 TO UNDER 7.5	7405	20876	3874	10993	2082	4698	1755	5918	227	377	
7.5 TO UNDER 12.5	6835	25262	4132	15745	1745	5089	2563	9955	260	699	
12.5 TO UNDER 25.0	5195	33471	3304	18425	1025	3801	2324	14246	180	375	
25.0 TO UNDER 50.0	2165	22727	1645	17637	650	7104	1107	9978	117	555	
50.0 TO UNDER 100.0	673	12684	395	6995	134	2189	275	4601	14	207	
100.0 TO UNDER 150.0	74	2450	36	908	11	249	26	639	1	20	
150.0 AND ABOVE	158	11348	105	5474	69	3477	38	1997	-	-	
PUNJAB PROVINCE											
PRIVATE FARMS-TOTAL	1750613	6259805	1304967	4979917	405269	1393008	920508	3493080	30411	93823	
UNDER 1.0	143536	61551	92069	41721	26297	11954	64960	28514	2920	1256	
1.0 TO UNDER 2.5	461938	580118	342257	439087	106905	130643	238747	299907	7271	8534	
2.5 TO UNDER 5.0	409377	935008	304213	718120	96495	216999	212305	487911	5994	13206	
5.0 TO UNDER 7.5	298461	1053179	226022	825285	68705	232705	161335	579149	5213	13431	
7.5 TO UNDER 12.5	253295	1344186	194373	1074487	62496	313681	136618	739614	5030	21189	
12.5 TO UNDER 25.0	131253	1195492	104377	998564	31325	264834	76028	713888	2631	19842	
25.0 TO UNDER 50.0	38202	596926	29900	482755	9496	135467	21907	336056	1060	11232	
50.0 TO UNDER 100.0	10711	301947	8767	243075	2796	63559	6291	176112	182	3400	
100.0 TO UNDER 150.0	2140	84333	1667	66773	420	10609	1301	54433	119	1731	
150.0 AND ABOVE	1705	107070	1334	90052	351	12555	1019	77495	-	-	
SINDH PROVINCE											
PRIVATE FARMS-TOTAL	385375	2441894	310253	1999296	55562	326588	259532	1545598	27611	127108	
UNDER 1.0	6868	2799	6209	2547	631	343	4592	1820	1206	384	
1.0 TO UNDER 2.5	87737	137642	70526	123725	14393	20978	57170	89821	8843	12925	
2.5 TO UNDER 5.0	105928	324052	86268	290768	14201	40318	73128	223862	8197	26591	
5.0 TO UNDER 7.5	66557	309121	53766	277001	9339	39349	46389	215049	4267	22599	
7.5 TO UNDER 12.5	51575	373107	43022	328817	6758	43990	36752	261380	2890	23447	
12.5 TO UNDER 25.0	35140	436480	27937	365841	5402	57709	23174	287676	1412	20454	
25.0 TO UNDER 50.0	22214	451993	15936	342162	3195	68093	13197	262153	540	11916	
50.0 TO UNDER 100.0	7288	274494	5393	195914	1379	47044	4132	142693	170	6179	
100.0 TO UNDER 150.0	1199	64494	665	31939	149	4788	554	25408	53	1744	
150.0 AND ABOVE	871	67714	543	40578	117	3978	459	35737	35	862	
BALOCHISTAN PROVINCE											
PRIVATE FARMS-TOTAL	42290	476465	31803	404548	6472	110802	26254	269362	1716	24386	
UNDER 1.0	1118	242	111	60	-	-	111	60	-	-	
1.0 TO UNDER 2.5	1484	2633	1243	2285	97	146	1149	2080	39	61	
2.5 TO UNDER 5.0	6773	24039	5497	20723	376	1300	5051	18902	169	520	
5.0 TO UNDER 7.5	6384	31110	4451	24328	479	2182	4055	21663	122	480	
7.5 TO UNDER 12.5	13936	109365	10829	94513	2144	17746	8997	74524	304	2242	
12.5 TO UNDER 25.0	8279	122695	6245	108029	2015	29985	4707	70085	608	7959	
25.0 TO UNDER 50.0	2652	77820	2298	77796	812	24577	1615	46580	289	6639	
50.0 TO UNDER 100.0	1286	66666	842	47693	448	23374	422	19745	140	4574	
100.0 TO UNDER 150.0	253	21531	220	18680	90	9487	97	7881	40	1314	
150.0 AND ABOVE	127	20369	65	10444	13	2004	49	7844	6	595	

TABLE 7.8 FARMS REPORTING USE OF FERTILIZERS AND MANURES ON COTTON BY SIZE OF FARM

(AREA IN ACRES)

SIZE OF FARM (ACRES)	FARMS REPORTING COTTON		FARMS REPORTING USE OF FERTILIZERS/ MANURES ON COTTON		COTTON AREA ON WHICH					
	NUMBER	AREA	NUMBER	AREA FERTILIZED/ MANURED	BOTH FERTILIZERS AND MANURES USED		ONLY FERTILIZERS USED		ONLY MANURES USED	
					FARMS REPORTING	AREA	FARMS REPORTING	AREA	FARMS REPORTING	AREA
1	2	3	4	5	6	7	8	9	10	11
PAKISTAN										
PRIVATE FARMS-TOTAL	2168855	9226387	1788874	7796197	497370	1939420	1339094	5707679	49567	149093
UNDER 1.0	129275	54126	93094	43799	25378	11906	69312	29936	4873	1954
1.0 TO UNDER 2.5	575604	777396	487023	687963	135295	176613	365495	493928	13451	17423
2.5 TO UNDER 5.0	505831	1286769	424865	1133430	118278	293373	316847	813186	11574	26874
5.0 TO UNDER 7.5	344602	1326803	282937	1142554	79485	300248	209849	817765	6204	24539
7.5 TO UNDER 12.5	305316	1767577	250778	1516090	70850	392457	186748	1088618	7670	35021
12.5 TO UNDER 25.0	195336	1769446	159705	1486728	44880	378804	120144	1081303	4073	26614
25.0 TO UNDER 50.0	80531	1229534	65410	1001977	16836	229748	51156	760207	1258	12032
50.0 TO UNDER 100.0	23755	570777	19061	464160	4747	88316	15084	372555	408	3288
100.0 TO UNDER 150.0	4755	174337	3154	125244	921	36301	2272	88602	27	342
150.0 AND ABOVE	3853	269620	2845	194260	695	31658	2194	161593	23	1010
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	4897	15591	649	3682	431	2692	220	928	53	63
UNDER 1.0	1471	548	85	33	80	30	-	-	5	3
1.0 TO UNDER 2.5	1219	1364	182	271	157	220	25	51	-	-
2.5 TO UNDER 5.0	850	1925	154	402	31	79	102	318	21	5
5.0 TO UNDER 7.5	568	2278	21	11	21	11	-	-	-	-
7.5 TO UNDER 12.5	422	2131	100	580	49	74	76	456	25	49
12.5 TO UNDER 25.0	231	1666	60	138	49	74	11	64	-	-
25.0 TO UNDER 50.0	71	1206	11	36	8	10	6	20	3	5
50.0 TO UNDER 100.0	21	457	3	10	3	10	-	-	-	-
100.0 TO UNDER 150.0	3	31	3	31	3	31	-	-	-	-
150.0 AND ABOVE	39	3983	29	2170	29	2151	1	19	-	-
PUNJAB PROVINCE										
PRIVATE FARMS-TOTAL	1627118	6626690	1337788	5685189	412525	1542543	962951	4031852	39811	110790
UNDER 1.0	113709	48047	80811	39035	23430	11012	58981	26070	4867	1951
1.0 TO UNDER 2.5	421534	547996	352942	483314	115166	147720	249093	322299	10727	13298
2.5 TO UNDER 5.0	367007	905384	305515	795509	94887	231732	218470	544352	8657	19428
5.0 TO UNDER 7.5	280035	1063895	231043	925218	68941	260171	167554	645090	5252	19950
7.5 TO UNDER 12.5	239284	1368233	198992	1187381	61492	341824	142847	821757	6104	23804
12.5 TO UNDER 25.0	146356	1325275	120238	1129374	35610	299838	88898	807048	3289	22479
25.0 TO UNDER 50.0	44492	771563	36466	632271	10031	156751	27842	468930	706	6595
50.0 TO UNDER 100.0	10472	310408	8440	260741	2271	54563	6558	203988	178	2188
100.0 TO UNDER 150.0	2191	112141	1700	88338	421	20826	1315	67207	14	306
150.0 AND ABOVE	2040	173751	1640	144011	279	18106	1398	125115	10	793
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	528027	2531284	445637	2076055	82287	382898	373551	1660236	9006	32919
UNDER 1.0	14081	5525	12193	4729	1863	862	10331	3866	1	-
1.0 TO UNDER 2.5	152316	227106	133797	204195	19899	28543	116367	171563	2703	4086
2.5 TO UNDER 5.0	137183	376975	118852	336449	23239	61178	98124	268145	2810	7127
5.0 TO UNDER 7.5	62929	255968	51210	214436	10315	39379	41965	171289	798	3774
7.5 TO UNDER 12.5	63383	386987	50099	320049	8617	48260	43008	262760	1255	9033
12.5 TO UNDER 25.0	47372	433381	38429	350439	8727	76292	30770	271116	701	3033
25.0 TO UNDER 50.0	35166	448402	28334	363043	6558	71334	22920	286700	529	5014
50.0 TO UNDER 100.0	12116	249946	10200	198769	2244	30556	8354	167360	206	855
100.0 TO UNDER 150.0	1971	59694	1403	36509	464	15228	941	21281	-	-
150.0 AND ABOVE	1513	87296	1121	47442	356	11272	771	36169	-	-
BALUCHISTAN PROVINCE										
PRIVATE FARMS-TOTAL	8813	52822	4800	31271	2127	11287	2372	14663	697	5321
UNDER 1.0	14	6	5	2	5	2	-	-	-	-
1.0 TO UNDER 2.5	535	930	102	183	73	130	10	15	21	39
2.5 TO UNDER 5.0	791	2485	344	1070	121	384	151	371	86	314
5.0 TO UNDER 7.5	1070	4662	663	2889	208	687	330	1386	154	815
7.5 TO UNDER 12.5	2227	10226	1587	8080	692	2299	817	3645	286	2135
12.5 TO UNDER 25.0	1377	9124	978	6777	494	2600	465	3075	83	1102
25.0 TO UNDER 50.0	802	8363	599	6627	239	1653	388	4557	20	418
50.0 TO UNDER 100.0	1146	9966	418	4640	229	3187	172	1207	24	245
100.0 TO UNDER 150.0	590	2471	48	366	33	216	16	114	13	36
150.0 AND ABOVE	261	4590	55	637	31	129	24	290	13	217

TABLE 7.9 FARMS REPORTING USE OF FERTILIZERS AND MANURES ON MAIZE (FOR GRAIN) BY SIZE OF FARM

(AREA IN ACRES)

SIZE OF FARM (ACRES)	FARMS REPORTING MAIZE		FARMS REPORTING USE OF FERTILIZERS/ MANURES ON MAIZE		MAIZE AREA ON WHICH					
					BOTH FERTILIZERS AND MANURES USED		ONLY FERTILIZERS USED		ONLY MANURES USED	
	NUMBER	AREA	NUMBER	AREA FERTILIZED/ MANURED	FARMS REPORTING	AREA	FARMS REPORTING	AREA	FARMS REPORTING	AREA
1	2	3	4	5	6	7	8	9	10	11
PAKISTAN										
PRIVATE FARMS-TOTAL	1193463	2391544	683272	1485783	370631	714540	286232	581998	138390	189236
UNDER 1.0	329336	131684	174661	78208	92232	36179	62683	26327	46019	15707
1.0 TO UNDER 2.5	364536	422973	222039	293475	125379	143508	90824	104192	48178	45775
2.5 TO UNDER 5.0	225652	484368	134201	317972	75287	168324	56020	110241	22923	39403
5.0 TO UNDER 7.5	115273	364743	66983	228384	36324	116002	32532	85401	10106	26986
7.5 TO UNDER 12.5	88348	377065	47098	207910	22617	100929	24041	87492	5621	19482
12.5 TO UNDER 25.0	45339	290235	24918	163199	12935	74125	11559	66913	3774	22157
25.0 TO UNDER 50.0	17968	163234	9182	93860	3965	37348	5889	47128	1094	9388
50.0 TO UNDER 100.0	4760	75706	2815	45365	1311	15007	1659	25126	404	5232
100.0 TO UNDER 150.0	1280	34927	820	27562	362	7484	619	15678	201	4400
150.0 AND ABOVE	971	46618	546	29856	214	15619	406	13516	67	720
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	869664	1640636	494624	1013221	290473	522853	185592	326057	119131	164310
UNDER 1.0	282746	113517	151376	68091	81825	31621	54959	23143	38642	13330
1.0 TO UNDER 2.5	291439	348110	173940	243366	103197	119891	67846	82845	42204	40631
2.5 TO UNDER 5.0	159000	378127	94640	252344	59181	140101	33405	77292	20156	34949
5.0 TO UNDER 7.5	67738	257459	38643	161225	24366	85226	15833	52266	8845	23736
7.5 TO UNDER 12.5	41433	226227	20992	116230	12598	63020	7821	37533	4531	15670
12.5 TO UNDER 25.0	19081	173010	10915	92632	6350	45173	3727	27967	3272	19491
25.0 TO UNDER 50.0	6083	81804	2808	42408	1963	21255	1308	13565	884	7589
50.0 TO UNDER 100.0	1493	32151	892	16467	693	8945	352	3633	339	3887
100.0 TO UNDER 150.0	420	16560	256	12967	205	4765	217	3885	192	4316
150.0 AND ABOVE	233	13676	159	7491	88	2845	117	3929	64	716
PUNJAB PROVINCE										
PRIVATE FARMS-TOTAL	296402	641430	177675	416604	76592	183414	93720	212412	18668	20772
UNDER 1.0	46493	18146	23277	10112	10405	4557	7718	3180	7377	2377
1.0 TO UNDER 2.5	69887	70621	46658	47998	21808	23208	21956	19766	5909	5023
2.5 TO UNDER 5.0	61639	97726	38442	63186	15901	27803	21816	31327	2639	4055
5.0 TO UNDER 7.5	44136	98809	26824	63552	11142	29750	16117	31179	1142	2625
7.5 TO UNDER 12.5	42516	135931	24546	85206	9818	37252	14954	44919	956	3035
12.5 TO UNDER 25.0	20701	90662	11335	56125	5217	26230	6573	27681	452	2213
25.0 TO UNDER 50.0	7991	59362	4811	39368	1754	15238	3296	22736	173	1397
50.0 TO UNDER 100.0	2210	30082	1283	20139	379	5248	939	14837	22	55
100.0 TO UNDER 150.0	429	13428	253	10895	69	2226	187	8670	-	-
150.0 AND ABOVE	407	26671	241	20034	98	11900	170	8133	-	-
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	19598	43136	7719	15574	3048	4966	4680	10606	-	-
UNDER 1.0	69	7	-	-	-	-	-	-	-	-
1.0 TO UNDER 2.5	2378	3053	1179	1639	295	296	884	1343	-	-
2.5 TO UNDER 5.0	3887	5384	621	788	129	198	492	589	-	-
5.0 TO UNDER 7.5	2186	4225	1070	1415	725	705	345	710	-	-
7.5 TO UNDER 12.5	2910	5601	949	1490	125	147	824	1343	-	-
12.5 TO UNDER 25.0	3989	8002	1894	3093	1279	1911	615	1181	-	-
25.0 TO UNDER 50.0	3085	8674	1179	2969	202	567	977	2402	-	-
50.0 TO UNDER 100.0	662	4960	469	2319	218	729	258	1590	-	-
100.0 TO UNDER 150.0	310	2141	260	1394	75	413	185	981	-	-
150.0 AND ABOVE	123	1090	99	465	-	-	99	465	-	-
BALUCHISTAN PROVINCE										
PRIVATE FARMS-TOTAL	7799	66342	3254	40384	518	3307	2240	32923	591	4154
UNDER 1.0	28	14	8	5	2	1	6	4	-	-
1.0 TO UNDER 2.5	832	1189	262	472	79	113	138	238	65	121
2.5 TO UNDER 5.0	1126	3131	498	1654	76	222	307	1033	128	399
5.0 TO UNDER 7.5	1213	4250	446	2192	91	321	237	1246	119	625
7.5 TO UNDER 12.5	1489	9306	611	4984	76	510	442	3697	134	777
12.5 TO UNDER 25.0	1568	18561	774	11349	89	811	644	10084	50	453
25.0 TO UNDER 50.0	809	13394	384	9115	46	288	308	8425	37	402
50.0 TO UNDER 100.0	395	8513	171	6440	21	85	110	5066	43	1290
100.0 TO UNDER 150.0	121	2798	51	2306	13	80	30	2142	9	84
150.0 AND ABOVE	208	5181	47	1866	28	874	20	989	3	4

TABLE 7.10 FARMS REPORTING USE OF FERTILIZERS AND MANURES ON TOBACCO, POTATOES, ONIONS, SUNFLOWER, ORCHARDS, VEGETABLES AND OTHER CROPS

(AREA IN ACRES)

CROPS	FARMS REPORTING CROP		FARMS REPORTING USE OF FERTILIZERS/ MANURES		CROP AREA ON WHICH					
	NUMBER	AREA	NUMBER	AREA FERTILIZED/ MANURED	BOTH FERTILIZERS AND MANURES USED		ONLY FERTILIZERS USED		ONLY MANURES USED	
					FARMS REPORTING	AREA	FARMS REPORTING	AREA	FARMS REPORTING	AREA
1	2	3	4	5	6	7	8	9	10	11
PAKISTAN										
TOBACCO	68861	137569	45695	106047	27267	55971	19765	41746	5109	8334
POTATOES	134891	433741	74996	279591	36386	109957	32445	155709	13043	13919
ONIONS	140141	298431	85992	217668	37918	82039	48075	118892	8949	16737
SUNFLOWER	66401	333710	41840	237767	7782	24579	34826	207564	2757	5627
ORCHARDS	282358	1135757	161045	841478	78234	408147	77666	324554	27227	108778
VEGETABLES.....	507790	1451422	93872	168236	53158	80114	43102	76908	9624	11214
OTHER CROPS.....	326028	806872	122803	291897	63865	117583	68507	155503	12173	18811
KHYBER PAKHTUNKHWA PROVINCE										
TOBACCO	37772	83737	26856	65768	14606	30935	13782	30052	2781	4782
POTATOES	48618	49524	24734	24791	13197	10717	5709	7768	9324	6304
ONIONS	25959	18385	15359	12024	11352	8476	3646	2360	2798	1192
SUNFLOWER	9760	8427	3595	3866	1222	641	2354	2161	1257	1067
ORCHARDS	46732	66403	14815	28449	5720	10120	3495	4703	8279	13628
VEGETABLES.....	131299	195882	28587	44675	20934	30741	7425	10140	3977	3798
OTHER CROPS.....	41557	55409	13274	20418	8765	8372	5130	5747	5221	6298
PUNJAB PROVINCE										
TOBACCO	27907	44673	16761	33561	11440	20025	5827	11422	1554	2116
POTATOES	78728	348231	46003	239150	20707	88604	25811	145095	2713	5448
ONIONS	46901	48944	24444	27880	11044	7092	13052	18495	2252	2291
SUNFLOWER	15337	52393	9971	38437	2364	8328	7769	29971	85	140
ORCHARDS	149783	538768	89330	386462	41059	164603	49887	199439	6774	22427
VEGETABLES.....	241813	669648	47370	72182	24269	29997	24697	38888	3826	3296
OTHER CROPS.....	243023	584220	97788	207006	52525	98907	53917	96968	6584	11132
SINDH PROVINCE										
TOBACCO	646	534	-	-	-	-	-	-	-	-
POTATOES	3512	15628	1544	5284	1135	4210	410	1074	-	-
ONIONS	42030	127908	28953	92651	7334	22906	22405	68601	773	1140
SUNFLOWER	39377	267227	27029	191296	3600	13196	24418	174650	994	3448
ORCHARDS	28976	188321	20064	161261	7738	63502	12299	58393	3636	39364
VEGETABLES.....	86388	319584	11258	30691	4435	10833	7244	18636	569	1223
OTHER CROPS.....	33106	125604	9107	52033	1907	8440	7479	43192	94	401
BALOCHISTAN PROVINCE										
TOBACCO	2536	8625	2078	6718	1221	5011	156	272	774	1436
POTATOES	4033	20358	2715	10366	1347	6426	515	1772	1006	2167
ONIONS	25251	103194	17236	85113	8188	43565	8972	29436	3126	12114
SUNFLOWER	1927	5663	1245	4168	596	2414	285	782	421	972
ORCHARDS	56867	342265	36836	265306	23717	169922	11985	62019	8538	33359
VEGETABLES.....	48290	266308	6657	20688	3520	8543	3736	9244	1252	2897
OTHER CROPS.....	8342	41639	2634	12440	668	1864	1981	9596	274	980

TABLE 7.11 USE OF PLANT PROTECTION MEASURES ON IMPORTANT CROPS BY SIZE OF FARM

(AREA IN ACRES)

SIZE OF FARM (ACRES)	TOTAL CROPPED AREA	AREA COVERED BY PLANT PROTECTION		PERCENT OF CROP AREA COVERED BY PLANT PROTECTION MEASURES											
		AREA	% OF TOTAL CROPPED AREA	WHEAT	COTTON	SUGAR- CANE	RICE	MAIZE	ONIONS	POTA- TOES	TOBA- CCO	SUN- FLOWER	** ORCH- ARDS	VEGE- TABLES	OTHER CROPS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PAKISTAN															
PRIVATE FARMS-TOTAL	67907994	16583645	24	20	59	29	39	11	23	34	29	10	30	11	*
UNDER 1.0 . . .	826253	104075	13	14	49	8	28	3	11	36	27	2	21	14	*
1.0 TO UNDER 2.5 . . .	5934208	1384735	23	21	58	20	38	6	21	24	30	15	18	16	*
2.5 TO UNDER 5.0 . . .	9516117	2302235	24	20	59	28	38	9	23	36	35	13	23	17	*
5.0 TO UNDER 7.5 . . .	10040372	2513464	25	22	59	32	40	12	20	32	25	5	31	14	*
7.5 TO UNDER 12.5 . . .	12984935	3385057	26	22	61	29	41	15	18	32	32	19	36	11	*
12.5 TO UNDER 25.0 . . .	12867759	3249491	25	21	61	31	41	12	21	33	32	12	35	10	*
25.0 TO UNDER 50.0 . . .	8157212	1955856	24	19	56	29	35	16	18	37	31	9	30	8	*
50.0 TO UNDER 100.0 . . .	4358639	984668	23	16	56	27	36	23	28	43	6	7	25	5	*
100.0 TO UNDER 150.0 . . .	1284870	268201	21	14	54	28	26	26	45	41	1	3	18	3	1
150.0 AND ABOVE	1937629	435893	22	17	49	30	38	14	13	27	4	13	43	17	1
KHYBER PAKHTUNKHWA PROVINCE															
PRIVATE FARMS-TOTAL	6936587	479156	7	8	2	18	15	4	19	15	34	8	8	18	*
UNDER 1.0 . . .	309475	12996	4	5	*	1	*	2	3	38	31	2	4	13	1
1.0 TO UNDER 2.5 . . .	1113048	56996	5	7	*	6	5	2	12	14	37	2	2	18	*
2.5 TO UNDER 5.0 . . .	1286629	79992	6	7	*	10	8	4	20	12	34	7	2	24	*
5.0 TO UNDER 7.5 . . .	997366	74663	7	8	*	16	12	5	30	15	27	2	12	22	*
7.5 TO UNDER 12.5 . . .	1101004	78802	7	7	*	18	16	5	15	16	39	14	6	16	*
12.5 TO UNDER 25.0 . . .	1021293	78504	8	9	4	21	16	4	19	5	36	13	16	19	*
25.0 TO UNDER 50.0 . . .	587929	52713	9	10	*	38	27	3	9	9	39	2	23	6	*
50.0 TO UNDER 100.0 . . .	279689	20165	7	6	2	29	19	3	26	*	16	5	18	8	*
100.0 TO UNDER 150.0 . . .	100519	6771	7	8	100	19	21	3	*	*	14	*	87	*	*
150.0 AND ABOVE	139630	17552	13	17	4	25	19	6	*	71	12	*	1	*	1
PUNJAB PROVINCE															
PRIVATE FARMS-TOTAL	45046112	13077940	29	25	62	34	48	31	34	40	22	37	40	13	*
UNDER 1.0 . . .	491290	84964	17	19	49	21	30	7	16	27	22	*	35	16	*
1.0 TO UNDER 2.5 . . .	3912352	1095291	28	26	61	28	43	22	27	40	17	18	31	19	*
2.5 TO UNDER 5.0 . . .	6468353	1803836	28	25	61	32	44	29	20	44	28	26	29	18	*
5.0 TO UNDER 7.5 . . .	7454298	2128145	29	26	61	34	46	33	26	36	22	13	34	12	*
7.5 TO UNDER 12.5 . . .	9466272	2806270	30	27	63	32	47	34	18	36	16	43	40	10	1
12.5 TO UNDER 25.0 . . .	8806189	2618898	30	26	65	37	51	30	36	37	25	45	41	11	*
25.0 TO UNDER 50.0 . . .	4555353	1354969	30	25	61	34	49	36	26	39	36	41	33	9	*
50.0 TO UNDER 100.0 . . .	2145757	656890	31	23	66	32	54	52	37	52	29	43	44	9	*
100.0 TO UNDER 150.0 . . .	653502	192947	30	17	60	40	46	62	97	58	5	2	43	6	2
150.0 AND ABOVE	1092747	335750	31	24	60	40	58	20	41	29	1	46	69	59	*
SINDH PROVINCE															
PRIVATE FARMS-TOTAL	12352715	2775999	22	16	49	23	21	8	17	10	*	5	33	9	1
UNDER 1.0 . . .	23406	5863	25	20	53	50	23	*	42	-	*	-	1	*	*
1.0 TO UNDER 2.5 . . .	830020	224865	27	18	52	19	22	22	18	*	*	16	8	10	1
2.5 TO UNDER 5.0 . . .	1567577	395504	25	16	54	30	21	4	18	*	*	11	9	9	*
5.0 TO UNDER 7.5 . . .	1341533	289010	22	14	51	33	21	6	14	22	*	3	20	10	*
7.5 TO UNDER 12.5 . . .	1812597	448582	25	17	53	26	24	5	22	11	-	7	34	17	*
12.5 TO UNDER 25.0 . . .	2219154	502146	23	18	49	19	22	5	19	5	*	5	42	7	1
25.0 TO UNDER 50.0 . . .	2363261	509882	22	16	47	22	21	12	16	23	*	6	39	10	1
50.0 TO UNDER 100.0 . . .	1434107	274248	19	12	44	20	23	4	15	1	*	2	30	6	1
100.0 TO UNDER 150.0 . . .	328296	58771	18	14	43	15	6	14	33	*	-	4	75	6	3
150.0 AND ABOVE	432770	67128	16	11	32	22	10	21	9	*	-	2	20	3	2
BALOCHISTAN PROVINCE															
PRIVATE FARMS-TOTAL	3572580	250550	7	3	30	9	20	4	25	9	19	1	16	4	*
UNDER 1.0 . . .	2082	252	12	3	*	100	19	*	5	*	-	-	33	1	*
1.0 TO UNDER 2.5 . . .	78788	7583	10	2	1	31	33	*	28	14	51	*	20	13	9
2.5 TO UNDER 5.0 . . .	193558	22903	12	3	11	38	30	*	31	69	88	*	26	12	3
5.0 TO UNDER 7.5 . . .	247175	21646	9	4	19	34	22	1	17	37	49	*	29	10	*
7.5 TO UNDER 12.5 . . .	605062	51403	8	2	26	16	25	2	15	3	3	2	32	6	*
12.5 TO UNDER 25.0 . . .	821123	49943	6	2	43	*	19	2	15	1	*	5	21	4	*
25.0 TO UNDER 50.0 . . .	650669	38292	6	3	53	*	17	7	19	1	*	2	13	3	*
50.0 TO UNDER 100.0 . . .	499086	33365	7	4	34	*	11	9	39	*	*	*	5	1	*
100.0 TO UNDER 150.0 . . .	202553	9712	5	8	1	-	5	2	33	1	*	*	1	*	*
150.0 AND ABOVE	272482	15463	6	3	1	-	34	*	15	*	*	3	15	4	*

* VALUE LESS THAN 0.5

** ALSO INCLUDES ORCHARD NURSERY AREA AND FLOWER FIELDS/FLOWER NURSERY AREA

TABLE 7.12

USE OF PLANT PROTECTION MEASURES ON IMPORTANT CROPS BY TENURE

(AREA IN ACRES)

TENURE	TOTAL CROPPED AREA	AREA COVERED BY PLANT PROTECTION		PERCENT OF CROP AREA COVERED BY PLANT PROTECTION MEASURES											
		AREA	% OF TOTAL CROPPED AREA	WHEAT	COTTON	SUGAR-CANE	RICE	MAIZE	ONIONS	POTA-TOES	TOBA-CCO	SUN-FLOWER	** ORCH-ARDS	VEGE-TABLES	OTHER CROPS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PAKISTAN															
PRIVATE FARMS-TOTAL	67907994	16583645	24	20	59	29	39	11	23	34	29	10	30	11	*
OWNER FARMS	50832469	12144729	24	20	58	27	38	9	20	32	28	8	33	10	*
OWNER-CUM-TENANT FARMS ..	9220567	2489880	27	21	63	34	48	19	40	35	30	20	16	12	*
TENANT FARMS	7854954	1949047	25	20	59	31	36	19	20	49	33	23	29	15	*
KHYBER PAKHTUNKHWA PROVINCE															
PRIVATE FARMS-TOTAL	6936587	479156	7	8	2	18	15	4	19	15	34	8	8	18	*
OWNER FARMS	5604585	382950	7	8	2	19	16	3	21	14	33	8	8	16	*
OWNER-CUM-TENANT FARMS ..	749933	55571	7	8	*	19	11	4	26	10	39	13	20	16	*
TENANT FARMS	582071	40630	7	6	*	13	8	5	6	29	32	2	5	34	*
PUNJAB PROVINCE															
PRIVATE FARMS-TOTAL	45046112	13077940	29	25	62	34	48	31	34	40	22	37	40	13	*
OWNER FARMS	32952895	9394471	29	25	62	32	46	27	21	37	18	31	41	11	*
OWNER-CUM-TENANT FARMS ..	7373998	2241032	30	24	64	37	53	39	58	41	41	39	32	16	*
TENANT FARMS	4719216	1442451	31	28	63	36	54	46	10	56	42	68	30	21	*
SINDH PROVINCE															
PRIVATE FARMS-TOTAL	12352715	2775999	22	16	49	23	21	8	17	10	*	5	33	9	*
OWNER FARMS	9789539	2190877	22	17	48	22	22	9	16	14	*	5	32	10	1
OWNER-CUM-TENANT FARMS ..	751912	181558	24	14	60	29	18	4	28	*	*	3	42	5	1
TENANT FARMS	1811257	403563	22	10	54	26	19	6	15	*	*	7	40	6	1
BALUCHISTAN PROVINCE															
PRIVATE FARMS-TOTAL	3572580	250550	7	3	30	9	20	4	25	9	19	1	16	4	*
OWNER FARMS	2485450	176431	7	3	32	6	22	3	25	26	47	3	22	5	*
OWNER-CUM-TENANT FARMS ..	344724	11719	3	3	13	36	19	*	21	1	1	*	2	1	*
TENANT FARMS	742410	62403	8	4	31	69	18	10	26	*	*	*	18	1	*

* VALUE LESS THAN 0.5

** ALSO INCLUDES ORCHARD NURSERY AREA AND FLOWER FIELDS/FLOWER NURSERY AREA

TABLE 7.13

USE OF HERBICIDES ON IMPORTANT CROPS BY SIZE OF FARM

(AREA IN ACRES)

SIZE OF FARM (ACRES)	TOTAL CROPPED AREA	AREA COVERED BY HERBICIDES		PERCENT OF CROP AREA COVERED BY HERBICIDES											
		AREA	% OF TOTAL CROPPED AREA	WHEAT	COTTON	SUGAR- CANE	RICE	MAIZE	ONIONS	POTA- TOES	TOBA- CCO	SUN- FLOWER	** ORCH- ARDS	VEGE- TABLES	OTHER CROPS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PAKISTAN															
PRIVATE FARMS-TOTAL	67907994	15495111	23	35	25	19	26	7	13	25	7	4	10	4	*
UNDER 1.0 . . .	826253	103048	12	20	24	5	22	1	12	18	10	1	2	9	*
1.0 TO UNDER 2.5 . . .	5934208	1286768	22	31	26	13	27	3	14	13	5	5	3	5	*
2.5 TO UNDER 5.0 . . .	9516117	2151180	23	33	25	16	26	5	13	16	5	6	6	5	*
5.0 TO UNDER 7.5 . . .	10040372	2424579	24	36	25	21	27	7	11	19	9	7	10	5	*
7.5 TO UNDER 12.5 . . .	12984935	3201593	25	37	25	21	29	9	10	24	7	6	12	5	*
12.5 TO UNDER 25.0 . . .	12867759	3098605	24	38	26	22	28	8	11	27	10	5	8	5	*
25.0 TO UNDER 50.0 . . .	8157212	1749969	21	34	20	16	23	13	10	34	10	2	10	3	*
50.0 TO UNDER 100.0 . . .	4358639	820053	19	31	22	14	17	9	20	20	*	3	8	2	*
100.0 TO UNDER 150.0 . . .	1284870	266493	21	32	28	13	19	23	14	39	1	*	4	*	*
150.0 AND ABOVE	1937629	392814	20	29	24	28	15	15	7	28	4	11	27	1	*
KHYBER PAKHTUNKHWA PROVINCE															
PRIVATE FARMS-TOTAL	6936587	449129	6	9	2	15	13	3	11	10	4	4	1	2	*
UNDER 1.0 . . .	309475	11004	4	6	*	1	*	1	2	17	1	1	*	8	*
1.0 TO UNDER 2.5 . . .	1113048	56489	5	8	*	3	4	2	4	9	1	*	1	4	*
2.5 TO UNDER 5.0 . . .	1286629	79336	6	10	*	7	6	3	16	11	4	2	1	2	*
5.0 TO UNDER 7.5 . . .	997366	65355	7	10	*	12	11	3	20	7	3	*	1	1	*
7.5 TO UNDER 12.5 . . .	1101004	75464	7	10	*	17	17	2	9	15	6	7	*	3	*
12.5 TO UNDER 25.0 . . .	1021293	78719	8	11	4	24	22	2	12	4	3	13	1	2	*
25.0 TO UNDER 50.0 . . .	587929	38739	7	8	*	27	17	2	7	*	8	*	1	1	*
50.0 TO UNDER 100.0 . . .	279689	20325	7	9	2	20	17	2	*	*	*	5	10	*	*
100.0 TO UNDER 150.0 . . .	100519	5264	5	7	100	13	14	2	*	*	14	*	4	*	*
150.0 AND ABOVE	139630	18425	13	22	3	23	*	6	*	71	12	*	1	*	*
PUNJAB PROVINCE															
PRIVATE FARMS-TOTAL	45046112	13492493	30	46	28	25	36	20	14	30	14	15	16	8	*
UNDER 1.0 . . .	491290	88020	18	30	25	13	24	4	19	26	22	*	5	10	*
1.0 TO UNDER 2.5 . . .	3912352	1098803	28	41	28	20	33	10	19	20	12	*	7	10	*
2.5 TO UNDER 5.0 . . .	6468353	1851917	29	43	27	20	34	14	13	21	9	5	11	11	*
5.0 TO UNDER 7.5 . . .	7454298	2211884	30	45	28	24	36	18	17	23	17	9	13	9	*
7.5 TO UNDER 12.5 . . .	9466272	2879833	30	47	28	24	38	21	18	27	11	10	15	7	*
12.5 TO UNDER 25.0 . . .	8806189	2724659	31	49	30	28	39	23	19	31	23	16	12	9	*
25.0 TO UNDER 50.0 . . .	4555353	1443341	32	49	26	25	39	31	13	37	14	15	17	7	*
50.0 TO UNDER 100.0 . . .	2145757	650788	30	50	29	24	34	20	1	24	2	20	16	6	*
100.0 TO UNDER 150.0 . . .	653502	221723	34	51	34	17	37	58	*	57	1	1	14	2	*
150.0 AND ABOVE	1092747	321525	29	45	30	40	26	24	45	29	1	45	46	2	*
SINDH PROVINCE															
PRIVATE FARMS-TOTAL	12352715	1275369	10	16	16	7	3	2	4	*	*	2	6	1	*
UNDER 1.0 . . .	23406	3983	17	23	23	26	11	*	*	-	*	-	*	12	*
1.0 TO UNDER 2.5 . . .	830020	127984	15	20	21	9	3	2	2	*	*	6	4	2	*
2.5 TO UNDER 5.0 . . .	1567577	204510	13	18	18	6	3	*	3	*	*	7	*	2	*
5.0 TO UNDER 7.5 . . .	1341533	135258	10	14	16	11	3	*	2	*	*	7	12	1	*
7.5 TO UNDER 12.5 . . .	1812597	196286	11	17	15	9	3	4	3	*	-	3	3	3	*
12.5 TO UNDER 25.0 . . .	2219154	214346	10	15	16	6	2	2	5	*	*	2	*	*	*
25.0 TO UNDER 50.0 . . .	2363261	189471	8	15	11	3	2	4	5	*	*	1	6	*	*
50.0 TO UNDER 100.0 . . .	1434107	126327	9	16	13	2	3	*	4	*	*	1	9	*	*
100.0 TO UNDER 150.0 . . .	328296	33055	10	16	19	9	1	*	2	*	-	*	*	*	*
150.0 AND ABOVE	432770	44149	10	12	15	18	5	*	3	*	-	1	6	*	*
BALOCHISTAN PROVINCE															
PRIVATE FARMS-TOTAL	3572580	278120	8	11	14	7	12	*	23	*	*	1	3	2	*
UNDER 1.0 . . .	2082	41	2	2	*	100	2	*	7	*	-	-	2	*	*
1.0 TO UNDER 2.5 . . .	78788	3492	4	3	1	30	9	*	28	*	*	*	2	3	10
2.5 TO UNDER 5.0 . . .	193558	15417	8	9	10	29	14	*	19	1	*	*	2	4	3
5.0 TO UNDER 7.5 . . .	247175	12082	5	7	22	30	3	*	12	2	*	*	3	2	*
7.5 TO UNDER 12.5 . . .	605062	50010	8	11	32	* 11	*	*	12	2	*	5	7	1	*
12.5 TO UNDER 25.0 . . .	821123	80881	10	14	16	* 19	*	*	15	2	*	5	4	2	*
25.0 TO UNDER 50.0 . . .	650669	78418	12	17	6	* 19	1	17	* 17	* 17	*	*	3	4	*
50.0 TO UNDER 100.0 . . .	499086	22613	5	5	6	* *	*	42	* *	* *	*	*	2	1	*
100.0 TO UNDER 150.0 . . .	202553	6451	3	6	*	- *	*	28	* *	* *	*	*	*	*	*
150.0 AND ABOVE	272482	8715	3	4	*	- *	*	10	* *	* *	*	*	9	2	*

* VALUE LESS THAN 0.5

** ALSO INCLUDES ORCHARD NURSERIES, FLOWERS FIELDS AND THEIR NURSERIES

TABLE 7.14

USE OF HERBICIDES ON IMPORTANT CROPS BY TENURE

(AREA IN ACRES)

TENURE	TOTAL CROPPED AREA	AREA COVERED BY HERBICIDES		PERCENT OF CROP AREA COVERED BY HERBICIDES											
		AREA	% OF TOTAL CROPPED AREA	WHEAT	COTTON	SUGAR-CANE	RICE	MAIZE	ONIONS	POTATOES	TOBACCO	SUN-FLOWER	** ORCHARDS	VEGETABLES	OTHER CROPS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PAKISTAN															
PRIVATE FARMS-TOTAL	67907994	15495111	23	35	25	19	26	7	13	25	7	4	10	4	*
OWNER FARMS	50832469	11410950	22	34	25	18	25	6	13	25	7	3	11	4	*
OWNER-CUM-TENANT FARMS . .	9220567	2450051	27	42	25	23	32	12	9	23	8	10	5	4	*
TENANT FARMS	7854954	1634099	21	33	19	21	21	7	16	32	5	7	7	6	*
KHYBER PAKHTUNKHWA PROVINCE															
PRIVATE FARMS-TOTAL	6936587	449129	6	9	2	15	13	3	11	10	4	4	1	2	*
OWNER FARMS	5604585	352688	6	9	2	14	12	3	14	9	5	4	2	3	*
OWNER-CUM-TENANT FARMS . .	749933	55882	7	10	*	27	24	1	11	3	2	10	1	3	*
TENANT FARMS	582071	40558	7	11	*	12	4	2	4	25	3	1	*	1	*
PUNJAB PROVINCE															
PRIVATE FARMS-TOTAL	45046112	13492493	30	46	28	25	36	20	14	30	14	15	16	8	*
OWNER FARMS	32952895	9797748	30	45	29	24	36	19	21	30	12	13	17	7	*
OWNER-CUM-TENANT FARMS . .	7373998	2295730	31	49	27	24	36	27	7	27	26	20	13	6	*
TENANT FARMS	4719216	1399006	30	47	25	29	39	16	5	37	22	19	11	16	*
SINDH PROVINCE															
PRIVATE FARMS-TOTAL	12352715	1275369	10	16	16	7	3	2	4	*	*	2	6	1	*
OWNER FARMS	9789539	1039555	11	17	17	6	2	2	4	*	*	2	6	1	*
OWNER-CUM-TENANT FARMS . .	751912	87822	12	20	14	10	4	*	6	*	*	2	6	1	*
TENANT FARMS	1811257	147994	8	12	9	7	4	2	5	*	*	3	1	1	*
BALOCHISTAN PROVINCE															
PRIVATE FARMS-TOTAL	3572580	278120	8	11	14	7	12	*	23	*	*	1	3	2	*
OWNER FARMS	2485450	220959	9	11	16	5	18	*	24	1	*	3	4	2	*
OWNER-CUM-TENANT FARMS . .	344724	10617	3	5	*	18	26	*	16	*	*	*	1	*	*
TENANT FARMS	742410	46541	6	11	3	44	5	*	26	*	*	*	2	*	*

* VALUE LESS THAN 0.5

** ALSO INCLUDES ORCHARD NURSERIES, FLOWERS FIELDS AND THEIR NURSERIES