

TABLE 7.1

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

SIZE OF FARM (HECTARES)	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 0.5	2071227	564576	27	612383	30	98824	5	432102	21	394598	19
0.5 TO UNDER 1.0	1525698	488824	32	642510	42	40710	3	517114	34	459373	30
1.0 TO UNDER 2.0	1753985	550442	31	782110	45	40878	2	650271	37	574467	33
2.0 TO UNDER 3.0	1131938	332208	29	520725	46	18578	2	441597	39	399596	35
3.0 TO UNDER 5.0	915252	268437	29	420727	46	14427	2	374464	41	333482	36
5.0 TO UNDER 10.0	562206	157914	28	247088	44	7037	1	225900	40	201535	36
10.0 TO UNDER 20.0	211198	57474	27	90519	43	1852	1	79255	38	65707	31
20.0 TO UNDER 40.0	66927	18629	28	26239	39	472	1	23840	36	17638	26
40.0 TO UNDER 60.0	12643	3868	31	4767	38	87	1	3998	32	3413	27
60.0 AND ABOVE	13457	2788	21	3920	29	117	1	3584	27	3150	23
KHYBER PAKHTUNKHWA PROVINCE											
PRIVATE FARMS-TOTAL	1539829	641913	42	230376	15	110036	7	135991	9	119737	8
UNDER 0.5	655166	249285	38	87774	13	55797	9	40583	6	34972	5
0.5 TO UNDER 1.0	318237	147227	46	54455	17	22703	7	27203	9	25102	8
1.0 TO UNDER 2.0	271160	127126	47	42095	16	17513	6	28087	10	25750	9
2.0 TO UNDER 3.0	129012	56112	43	20933	16	6099	5	17870	14	13611	11
3.0 TO UNDER 5.0	91382	37146	41	13407	15	5034	6	12353	14	11134	12
5.0 TO UNDER 10.0	49634	16303	33	7811	16	2313	5	6545	13	6335	13
10.0 TO UNDER 20.0	18234	6468	35	2566	14	482	3	2384	13	1930	11
20.0 TO UNDER 40.0	5227	1473	28	1003	19	57	1	663	13	664	13
40.0 TO UNDER 60.0	1026	438	43	167	16	5	*	121	12	76	7
60.0 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 0.5	1237641	291266	24	440266	36	38472	3	343149	28	332797	27
0.5 TO UNDER 1.0	965461	303974	31	448062	46	12945	1	405189	42	388962	40
1.0 TO UNDER 2.0	1144394	365343	32	544367	48	16293	1	503817	44	493171	43
2.0 TO UNDER 3.0	792342	243387	31	396533	50	8957	1	365046	46	360607	46
3.0 TO UNDER 5.0	619011	198888	32	309103	50	6195	1	302783	49	294770	48
5.0 TO UNDER 10.0	360467	113149	31	173991	48	2307	1	178581	50	173638	48
10.0 TO UNDER 20.0	96679	31175	32	48913	51	380	*	49858	52	49761	51
20.0 TO UNDER 40.0	25062	7973	32	12312	49	104	*	13459	54	12222	49
40.0 TO UNDER 60.0	4690	1552	33	2811	60	5	*	2547	54	2676	57
60.0 AND ABOVE	4081	1316	32	2095	51	4	*	2201	54	2100	51
SINDH PROVINCE											
PRIVATE FARMS-TOTAL	1115285	187513	17	671206	60	13587	1	412430	37	196495	18
UNDER 0.5	143283	19801	14	81253	57	2559	2	46064	32	26104	18
0.5 TO UNDER 1.0	203906	30827	15	133086	65	3199	2	80724	40	43368	21
1.0 TO UNDER 2.0	282238	47224	17	181484	64	4019	1	110318	39	51372	18
2.0 TO UNDER 3.0	159283	24857	16	93796	59	1572	1	53237	33	22549	14
3.0 TO UNDER 5.0	138032	21791	16	81988	59	1105	1	51577	37	21448	16
5.0 TO UNDER 10.0	97681	19962	20	53226	54	657	1	35687	37	16179	17
10.0 TO UNDER 20.0	64189	15430	24	32673	51	412	1	24562	38	10594	17
20.0 TO UNDER 40.0	21102	5939	28	11192	53	57	*	8212	39	3636	17
40.0 TO UNDER 60.0	3182	957	30	1348	42	7	*	1069	34	508	16
60.0 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 0.5	35137	4224	12	3090	9	1996	6	2306	7	725	2
0.5 TO UNDER 1.0	38094	6796	18	6907	18	1863	5	3998	10	1941	5
1.0 TO UNDER 2.0	56193	10749	19	14164	25	3053	5	8049	14	4174	7
2.0 TO UNDER 3.0	51301	7852	15	9463	18	1950	4	5444	11	2829	6
3.0 TO UNDER 5.0	66827	10612	16	16229	24	2093	3	7751	12	6130	9
5.0 TO UNDER 10.0	54424	8500	16	12060	22	1760	3	5087	9	5383	10
10.0 TO UNDER 20.0	32096	4401	14	6367	20	578	2	2451	8	3422	11
20.0 TO UNDER 40.0	15536	3244	21	1732	11	254	2	1506	10	1116	7
40.0 TO UNDER 60.0	3745	921	25	441	12	70	2	261	7	153	4
60.0 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
BALOCHISTAN 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 7.4 USE OF FERTILIZERS BY EXTENT OF CULTIVATED AREA IRRIGATED AND BY SIZE OF FARM

SIZE OF FARM (HECTARES)	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 0.5	5645	73	1835	63	531	72	968234	69	200715	42
0.5 TO UNDER 1.0	11363	76	3090	77	2832	76	979606	85	134440	45
1.0 TO UNDER 2.0	17797	80	8927	82	4522	81	1176182	85	125122	42
2.0 TO UNDER 3.0	19121	82	6536	76	5772	86	760626	87	60865	32
3.0 TO UNDER 5.0	23875	79	7717	82	4863	81	609998	87	42705	30
5.0 TO UNDER 10.0	24020	80	7680	78	5369	83	346118	86	21796	23
10.0 TO UNDER 20.0	8381	76	4522	80	3552	88	124733	84	6804	25
20.0 TO UNDER 40.0	3350	75	1157	73	1057	92	37917	86	1373	16
40.0 TO UNDER 60.0	738	79	156	58	70	77	7035	86	629	35
60.0 AND ABOVE	758	72	160	66	112	81	5389	82	287	16
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	26673	76	9610	72	4052	64	507490	68	324466	51
UNDER 0.5	3367	83	1232	76	104	58	206320	66	126042	47
0.5 TO UNDER 1.0	6166	79	1746	77	730	53	114382	73	78655	56
1.0 TO UNDER 2.0	7882	80	2612	78	1058	64	90612	70	67061	56
2.0 TO UNDER 3.0	3391	78	1913	76	879	87	44072	68	26793	51
3.0 TO UNDER 5.0	2720	67	1145	63	746	69	29489	65	16447	46
5.0 TO UNDER 10.0	1851	61	488	44	392	47	15449	63	5931	33
10.0 TO UNDER 20.0	753	68	339	74	96	67	4996	61	2851	43
20.0 TO UNDER 40.0	305	72	47	57	26	55	1557	64	541	41
40.0 TO UNDER 60.0	158	91	63	100	7	88	269	67	108	44
60.0 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 0.5	2150	61	508	44	425	76	654210	70	74238	36
0.5 TO UNDER 1.0	4207	73	1325	82	2081	89	689037	87	55379	37
1.0 TO UNDER 2.0	8380	83	5302	92	3270	89	835303	89	57453	35
2.0 TO UNDER 3.0	14390	85	3000	76	3794	88	585303	91	33427	29
3.0 TO UNDER 5.0	18446	84	4076	92	3475	87	456702	92	25290	30
5.0 TO UNDER 10.0	19668	85	5486	95	3366	94	243802	92	14817	25
10.0 TO UNDER 20.0	5964	81	1797	95	1564	96	67180	92	3570	31
20.0 TO UNDER 40.0	1766	80	582	96	341	97	16968	93	624	20
40.0 TO UNDER 60.0	351	88	60	98	23	100	3432	96	493	83
60.0 AND ABOVE	420	93	47	85	47	100	2763	90	128	31
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	5798	84	6586	74	3389	83	842746	84	195	1
UNDER 0.5	110	79	95	100	-	-	100771	81	75	12
0.5 TO UNDER 1.0	725	77	-	-	16	76	163179	86	-	-
1.0 TO UNDER 2.0	1035	82	657	63	188	100	226799	85	26	*
2.0 TO UNDER 3.0	485	79	1290	89	780	95	116089	83	1	*
3.0 TO UNDER 5.0	1379	84	1550	83	421	78	100420	82	11	*
5.0 TO UNDER 10.0	907	91	956	63	758	82	70551	84	8	*
10.0 TO UNDER 20.0	686	92	1802	77	932	76	44644	83	42	2
20.0 TO UNDER 40.0	437	89	213	57	286	94	16195	89	1	*
40.0 TO UNDER 60.0	37	88	14	12	9	100	2244	82	-	-
60.0 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 0.5	18	25	-	-	2	100	6933	36	360	12
0.5 TO UNDER 1.0	265	45	19	32	5	45	13008	55	406	8
1.0 TO UNDER 2.0	500	45	356	50	6	8	23468	61	582	8
2.0 TO UNDER 3.0	855	61	333	49	319	53	15162	57	644	6
3.0 TO UNDER 5.0	1330	52	946	75	221	51	23387	60	957	7
5.0 TO UNDER 10.0	1594	54	750	54	853	78	16316	57	1040	9
10.0 TO UNDER 20.0	978	53	584	58	960	92	7913	58	341	5
20.0 TO UNDER 40.0	842	62	315	61	404	91	3197	58	207	7
40.0 TO UNDER 60.0	192	61	19	83	31	61	1090	76	28	3
60.0 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 HECTARES)

SIZE OF FARM (HECTARES)	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	11423216	5573773	9507593	2073975	2888834	3553223	6163483	464537	455265
UNDER 0.5	1538594	397803	1168014	339633	485308	124864	653119	182487	150837	32263
0.5 TO UNDER 1.0	1331355	839609	1085753	722686	425193	251735	671014	424830	86074	46111
1.0 TO UNDER 2.0	1554839	1709982	1272812	1460172	472062	485703	816522	890600	94067	83879
2.0 TO UNDER 3.0	984070	1736265	812752	1491212	279942	460816	550326	954719	54025	75687
3.0 TO UNDER 5.0	794420	2187409	656297	1853966	220254	553414	450641	1215962	42979	84582
5.0 TO UNDER 10.0	470196	2089659	384135	1727115	128062	503661	270265	1153048	24489	70400
10.0 TO UNDER 20.0	172128	1311562	138525	1049589	44644	284072	101531	727284	8755	38218
20.0 TO UNDER 40.0	51272	655557	41258	511003	13378	135531	29907	360684	2161	14798
40.0 TO UNDER 60.0	9953	192453	8039	153393	3097	42335	5485	104877	765	6173
60.0 AND ABOVE	8017	302909	6196	198831	2045	46680	4432	148995	389	3161
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	1285451	1310429	866747	876351	529821	431336	325425	304553	198620	140467
UNDER 0.5	509578	115387	344336	94388	208969	47771	119789	28858	83453	17754
0.5 TO UNDER 1.0	273074	158681	196597	130135	121932	66666	74303	42702	42943	20766
1.0 TO UNDER 2.0	239502	246420	166209	187593	103938	99321	61692	58907	35956	29360
2.0 TO UNDER 3.0	115403	191344	73325	132765	44057	64227	31770	46582	16849	21963
3.0 TO UNDER 5.0	82323	206754	50880	131244	30564	64296	20392	44842	11377	22105
5.0 TO UNDER 10.0	44269	186201	23386	96975	13060	45161	10760	37292	4678	14522
10.0 TO UNDER 20.0	15658	111886	8781	55599	5444	23849	4889	23040	2700	8706
20.0 TO UNDER 40.0	4118	50434	2254	24616	1241	9991	1296	11588	430	3040
40.0 TO UNDER 60.0	874	18695	515	10310	349	3511	315	5006	173	1794
60.0 AND ABOVE	655	24616	453	12734	262	6545	210	5734	53	458
PUNJAB PROVINCE										
PRIVATE FARMS-TOTAL	4553047	7561116	3877328	6698735	1365310	2044191	2564812	4446011	211602	208532
UNDER 0.5	909809	242217	729361	211534	259343	71184	456682	127801	61107	12539
0.5 TO UNDER 1.0	874953	549929	741672	480319	275280	165581	475517	296416	33435	18320
1.0 TO UNDER 2.0	1048071	1149307	894600	1006046	324927	336924	582816	630418	44543	38717
2.0 TO UNDER 3.0	719292	1278812	627671	1146743	211760	354288	429476	752317	29918	40139
3.0 TO UNDER 5.0	565093	1580855	497867	1410899	166458	428847	343971	940627	23655	41417
5.0 TO UNDER 10.0	317710	1427740	280745	1274351	93332	375810	199309	863176	14235	35360
10.0 TO UNDER 20.0	88028	740967	78226	655071	25685	183093	56921	456819	3577	15153
20.0 TO UNDER 40.0	22006	325421	19705	286947	6340	78329	14421	203453	816	5169
40.0 TO UNDER 60.0	4514	102152	4189	91470	1202	20158	3146	69949	228	1359
60.0 AND ABOVE	3580	163717	3298	135363	987	29960	2559	105044	99	358
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	880885	1897419	729387	1602812	144298	317714	602016	1213649	39978	71451
UNDER 0.5	106946	36492	90232	32494	15490	5460	74793	25429	5182	1605
0.5 TO UNDER 1.0	165380	118272	139120	106109	25250	17726	116470	82359	8152	6025
1.0 TO UNDER 2.0	233995	273530	194291	243756	37358	43263	161055	187213	11272	13281
2.0 TO UNDER 3.0	121480	216291	98673	188476	19378	35670	81770	142709	5083	10099
3.0 TO UNDER 5.0	105925	290664	86989	255882	16282	43237	73437	198049	5208	14600
5.0 TO UNDER 10.0	74640	328686	60738	273550	15301	59650	47842	202162	2999	11730
10.0 TO UNDER 20.0	50483	327888	41084	264944	10381	60384	32304	196197	1373	8362
20.0 TO UNDER 40.0	17391	199042	14741	162173	3624	31694	11789	127704	368	2779
40.0 TO UNDER 60.0	2646	48252	1994	38149	738	13194	1508	22925	243	2023
60.0 AND ABOVE	1986	58301	1531	37270	505	7427	1059	28898	94	947
BALOCHISTAN PROVINCE										
PRIVATE FARMS-TOTAL	195474	654252	100311	329695	34546	95593	60970	199270	14337	34815
UNDER 0.5	12261	3707	4085	1217	1506	449	1855	399	1095	365
0.5 TO UNDER 1.0	17948	12727	8364	6123	2731	1762	4724	3353	1544	1000
1.0 TO UNDER 2.0	33271	40725	17712	22777	5839	6195	10959	14062	2296	2521
2.0 TO UNDER 3.0	27895	49818	13083	23228	4747	6631	7310	13111	2175	3486
3.0 TO UNDER 5.0	41079	109136	20561	55941	6950	17034	12841	32444	2739	6460
5.0 TO UNDER 10.0	33577	147032	19266	82239	6369	23040	12354	50418	2577	8788
10.0 TO UNDER 20.0	17959	130821	10434	73975	3134	16746	7417	51228	1105	5997
20.0 TO UNDER 40.0	7757	80660	4558	37267	2173	15517	2401	17939	547	3810
40.0 TO UNDER 60.0	1919	23354	1341	13464	808	5472	516	6997	121	997
60.0 AND ABOVE	1796	56275	914	13464	291	2748	604	9319	143	1398

* VALUE LESS THAN 0.5 HUNDRED

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

(AREA IN HECTARES)

SIZE OF FARM (HECTARES)	FARMS REPORTING PADDY		FARMS REPORTING USE OF FERTILIZERS/ MANURES ON PADDY		PADDY 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	2249003	3786018	1685267	3027800	489877	757087	1221216	2170009	63368	100692
UNDER 0.5	351395	95403	241468	71002	72558	19870	169146	48028	11820	3102
0.5 TO UNDER 1.0	386017	232262	289378	180479	88316	49593	202603	124267	10818	6618
1.0 TO UNDER 2.0	535565	528818	402296	420639	115379	107169	292295	296984	14824	16488
2.0 TO UNDER 3.0	378792	572308	288110	460373	80603	112872	213534	332578	9829	14924
3.0 TO UNDER 5.0	325419	749075	252184	612242	73064	153890	184837	439096	8484	19254
5.0 TO UNDER 10.0	179975	723288	141938	602891	39833	144258	106237	438956	4831	19680
10.0 TO UNDER 20.0	65267	465440	49790	372694	14144	95210	37853	265198	2006	12282
20.0 TO UNDER 40.0	20043	265645	15479	200020	4773	54903	11183	139309	505	5806
40.0 TO UNDER 60.0	3669	70196	2591	48144	677	10422	1975	35772	214	1949
60.0 AND ABOVE	2866	83589	2052	59329	550	8907	1570	49828	41	590
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	70725	71668	38244	39634	22574	16336	14922	21879	3630	1416
UNDER 0.5	19533	3545	10502	1695	7256	1132	2545	393	1517	169
0.5 TO UNDER 1.0	15233	6467	7967	3178	5299	1927	2508	1075	844	175
1.0 TO UNDER 2.0	13456	9523	6287	3934	4307	2511	1780	1254	464	169
2.0 TO UNDER 3.0	7405	8446	3874	4448	2082	1900	1755	2395	227	152
3.0 TO UNDER 5.0	6782	10126	4122	6374	1735	2059	2563	4031	260	283
5.0 TO UNDER 10.0	5247	13641	3314	7459	1035	1542	2324	5766	180	152
10.0 TO UNDER 20.0	2165	9200	1645	7137	650	2875	1107	4038	117	224
20.0 TO UNDER 40.0	673	5133	395	2830	134	885	275	1861	14	84
40.0 TO UNDER 60.0	74	992	36	367	11	101	26	258	1	8
60.0 AND ABOVE	158	4593	105	2217	69	1407	38	810	-	-
PUNJAB PROVINCE										
PRIVATE FARMS-TOTAL	1750613	2533312	1304967	2015348	405269	563743	920508	1413625	30411	37969
UNDER 0.5	295944	79472	202433	58077	59114	16474	144415	40044	5913	1560
0.5 TO UNDER 1.0	309527	180211	231886	136510	74083	41246	159295	92863	4280	2404
1.0 TO UNDER 2.0	409377	378397	304213	290617	96495	87817	212305	197457	5994	5348
2.0 TO UNDER 3.0	298461	426214	226022	333991	68705	94174	161335	234384	5213	5433
3.0 TO UNDER 5.0	253157	543768	194254	434640	62454	126864	136541	299203	5030	8575
5.0 TO UNDER 10.0	131300	483550	104434	403873	31359	107214	76046	288633	2631	8030
10.0 TO UNDER 20.0	38198	241515	29873	195285	9481	54816	21903	135915	1060	4548
20.0 TO UNDER 40.0	10796	122448	8849	98604	2812	25521	6354	71711	181	1370
40.0 TO UNDER 60.0	2143	34389	1670	27292	427	4545	1298	22042	120	705
60.0 AND ABOVE	1710	43349	1339	36463	351	5080	1024	31381	-	-
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	385375	988218	310253	809102	55562	132168	259532	625497	27611	51440
UNDER 0.5	34591	12204	28274	11144	6171	2258	21942	7513	4386	1371
0.5 TO UNDER 1.0	59981	44603	48429	39927	8854	6368	39783	29541	5659	4016
1.0 TO UNDER 2.0	105959	131171	86299	117701	14201	16315	73159	90624	8197	10761
2.0 TO UNDER 3.0	66542	125059	53763	112090	9337	15916	46389	87031	4267	9145
3.0 TO UNDER 5.0	51544	150922	42979	132979	6731	17786	36736	105701	2890	9491
5.0 TO UNDER 10.0	35149	176443	27945	147841	5424	23367	23160	116196	1412	8277
10.0 TO UNDER 20.0	22252	183231	15974	138788	3201	27572	13228	106394	540	4823
20.0 TO UNDER 40.0	7288	111084	5393	79285	1379	19038	4132	57746	170	2501
40.0 TO UNDER 60.0	1199	26101	665	12925	149	1937	554	10282	53	705
60.0 AND ABOVE	871	27404	543	16423	117	1609	459	14464	35	349
BALOCHISTAN PROVINCE										
PRIVATE FARMS-TOTAL	42290	192820	31803	163716	6472	44840	26254	109008	1716	9867
UNDER 0.5	1327	182	259	86	17	6	244	78	4	2
0.5 TO UNDER 1.0	1276	981	1096	864	80	52	1017	788	35	23
1.0 TO UNDER 2.0	6773	9727	5497	8387	376	526	5051	7649	169	210
2.0 TO UNDER 3.0	6384	12589	4451	9844	479	882	4055	8768	122	194
3.0 TO UNDER 5.0	13936	44259	10829	38249	2144	7181	8997	30161	304	905
5.0 TO UNDER 10.0	8279	49654	6245	43718	2015	12135	4707	28361	608	3221
10.0 TO UNDER 20.0	2652	31494	2298	31484	812	9947	1615	18851	289	2687
20.0 TO UNDER 40.0	1286	26980	842	19301	448	9459	422	7991	140	1851
40.0 TO UNDER 60.0	253	8714	220	7560	90	3839	97	3190	40	531
60.0 AND ABOVE	127	8243	65	4226	13	811	49	3173	6	241

TABLE 7.8

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

(AREA IN HECTARES)

SIZE OF FARM (HECTARES)	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	3733863	1788874	3155081	497370	784877	1339094	2309860	49567	60343
UNDER 0.5	317047	91785	250743	78646	67815	20153	188910	56177	9221	2315
0.5 TO UNDER 1.0	387829	244727	329379	217492	92872	56147	245899	155824	9107	5531
1.0 TO UNDER 2.0	505782	520673	424815	458621	118278	118728	316797	329019	11574	10872
2.0 TO UNDER 3.0	344576	536899	282986	462460	79485	121512	209898	331014	6204	9931
3.0 TO UNDER 5.0	304513	713003	249932	611148	70757	158508	185995	438465	7670	14173
5.0 TO UNDER 10.0	196037	717812	160378	603358	44945	153543	120753	439042	4073	10773
10.0 TO UNDER 20.0	80673	498033	65553	405971	16834	92897	51299	308198	1258	4869
20.0 TO UNDER 40.0	23759	230917	19063	187739	4763	35684	15069	150735	402	1316
40.0 TO UNDER 60.0	4774	70836	3172	50970	933	14895	2278	35922	33	151
60.0 AND ABOVE	3866	109165	2858	78669	695	12811	2208	65446	23	409
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	4897	6308	649	1490	431	1088	220	376	53	25
UNDER 0.5	1810	347	148	39	143	38	-	-	5	1
0.5 TO UNDER 1.0	877	428	119	85	94	64	25	21	-	-
1.0 TO UNDER 2.0	850	779	154	163	31	32	102	129	21	2
2.0 TO UNDER 3.0	568	923	21	4	21	4	-	-	-	-
3.0 TO UNDER 5.0	422	860	100	235	49	30	76	185	25	20
5.0 TO UNDER 10.0	231	674	60	56	49	30	11	26	-	-
10.0 TO UNDER 20.0	71	487	11	15	8	4	6	8	3	2
20.0 TO UNDER 40.0	21	186	3	4	3	4	-	-	-	-
40.0 TO UNDER 60.0	3	13	3	13	3	13	-	-	-	-
60.0 AND ABOVE	39	1612	29	878	29	870	1	8	-	-
PUNJAB PROVINCE										
PRIVATE FARMS-TOTAL	1627118	2681782	1337788	2300764	412525	624265	962951	1631664	39811	44840
UNDER 0.5	251053	69370	195513	59907	59277	17261	141673	40512	8684	2137
0.5 TO UNDER 1.0	284193	171846	238240	151487	79329	46985	166401	100471	6915	4040
1.0 TO UNDER 2.0	367007	366403	305515	321937	94887	93784	218470	220296	8657	7860
2.0 TO UNDER 3.0	280035	430553	231043	374431	68941	105292	167554	261065	5252	8074
3.0 TO UNDER 5.0	238521	551721	198260	478573	61429	138040	142179	330900	6104	9632
5.0 TO UNDER 10.0	147056	538078	120904	458754	35653	121608	89524	328042	3289	9099
10.0 TO UNDER 20.0	44520	312225	36499	255883	10023	63307	27883	189903	706	2669
20.0 TO UNDER 40.0	10476	125548	8442	105415	2287	22022	6543	82519	172	872
40.0 TO UNDER 60.0	2210	45666	1718	36036	433	8633	1321	27267	20	137
60.0 AND ABOVE	2053	70368	1653	58334	279	7327	1412	50684	10	321
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	528027	1024395	445637	840173	82287	154956	373551	671888	9006	13324
UNDER 0.5	64084	22033	55069	18696	8386	2852	47234	15664	531	177
0.5 TO UNDER 1.0	102310	72110	90926	65849	13380	9047	79466	55328	2172	1475
1.0 TO UNDER 2.0	137134	152487	118802	136088	23239	24756	98074	108445	2810	2883
2.0 TO UNDER 3.0	62903	103536	51259	86856	10315	15937	42014	69388	798	1527
3.0 TO UNDER 5.0	63343	156285	49985	129071	8587	19507	42923	105905	1255	3656
5.0 TO UNDER 10.0	47373	175368	38436	141805	8749	30852	30753	109730	701	1227
10.0 TO UNDER 20.0	35280	181939	28444	147392	6564	28917	23022	116443	529	2029
20.0 TO UNDER 40.0	12116	101152	10200	80444	2244	12368	8354	67728	206	346
40.0 TO UNDER 60.0	1971	24157	1403	14772	464	6161	941	8609	-	-
60.0 AND ABOVE	1513	35328	1121	19199	356	4562	771	14636	-	-
BALUCHISTAN PROVINCE										
PRIVATE FARMS-TOTAL	8813	21378	4800	12654	2127	4568	2372	5932	697	2154
UNDER 0.5	100	35	13	4	9	2	3	1	1	-
0.5 TO UNDER 1.0	449	343	94	71	69	51	7	4	20	16
1.0 TO UNDER 2.0	791	1004	344	433	121	156	151	149	86	127
2.0 TO UNDER 3.0	1070	1887	663	1169	208	279	330	561	154	330
3.0 TO UNDER 5.0	2227	4137	1587	3269	692	931	817	1475	286	865
5.0 TO UNDER 10.0	1377	3692	978	2743	494	1053	465	1244	83	447
10.0 TO UNDER 20.0	802	3382	599	2681	239	669	388	1844	20	169
20.0 TO UNDER 40.0	1146	4031	418	1876	229	1290	172	488	24	98
40.0 TO UNDER 60.0	590	1000	48	149	33	88	16	46	13	14
60.0 AND ABOVE	261	1857	55	258	31	52	24	118	13	88

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

(AREA IN HECTARES)

SIZE OF FARM (HECTARES)	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	967839	683272	601284	370631	289172	286232	235530	138390	76583
UNDER 0.5	446381	94683	245812	63045	134411	29524	92525	21215	63757	12299
0.5 TO UNDER 1.0	247493	129778	150891	87381	83208	43197	60979	31603	30436	12574
1.0 TO UNDER 2.0	225652	196016	134201	128681	75287	68117	56020	44612	22923	15948
2.0 TO UNDER 3.0	115273	147614	66983	92427	36324	46946	32532	34563	10106	10919
3.0 TO UNDER 5.0	88060	151806	46894	83588	22454	40447	24000	35331	5601	7816
5.0 TO UNDER 10.0	45555	117946	25095	66549	13090	30380	11581	27128	3794	9035
10.0 TO UNDER 20.0	17985	66298	9155	37976	3949	15122	5878	19048	1094	3801
20.0 TO UNDER 40.0	4800	30643	2868	18421	1333	6084	1690	10222	404	2118
40.0 TO UNDER 60.0	1288	14169	816	11136	362	3029	614	6327	201	1781
60.0 AND ABOVE	975	18883	551	12101	214	6320	410	5488	67	293
KHYBER PAKHTUNKHWA PROVINCE										
PRIVATE FARMS-TOTAL	869664	663957	494624	410043	290473	211596	185592	131956	119131	66498
UNDER 0.5	379363	81278	208353	54670	118011	25647	78217	18227	54367	10792
0.5 TO UNDER 1.0	194824	105536	116965	71379	67014	35669	44590	24665	26476	11041
1.0 TO UNDER 2.0	159000	153022	94640	102125	59181	56696	33405	31280	20156	14145
2.0 TO UNDER 3.0	67738	104195	38643	65247	24366	34490	15833	21150	8845	9606
3.0 TO UNDER 5.0	41175	90776	20818	46498	12465	25118	7780	15114	4511	6272
5.0 TO UNDER 10.0	19304	70551	11088	38027	6481	18668	3769	11397	3292	7957
10.0 TO UNDER 20.0	6116	33347	2808	17165	1963	8602	1308	5490	884	3072
20.0 TO UNDER 40.0	1493	13007	892	6664	693	3621	352	1470	339	1574
40.0 TO UNDER 60.0	420	6703	256	5248	205	1929	217	1573	192	1747
60.0 AND ABOVE	233	5535	159	3032	88	1151	117	1590	64	291
PUNJAB PROVINCE										
PRIVATE FARMS-TOTAL	296402	259581	177675	168598	76592	74228	93720	85958	18668	8405
UNDER 0.5	66310	13175	37163	8257	16314	3843	14098	2905	9390	1507
0.5 TO UNDER 1.0	50069	22747	32773	15262	15903	7396	15572	6380	3895	1484
1.0 TO UNDER 2.0	61639	39545	38442	25570	15901	11252	21816	12677	2639	1641
2.0 TO UNDER 3.0	44136	39989	26824	25720	11142	12040	16117	12620	1142	1061
3.0 TO UNDER 5.0	42516	55009	24546	34483	9818	15076	14954	18177	956	1230
5.0 TO UNDER 10.0	20674	36640	11309	22665	5211	10599	6553	11173	452	895
10.0 TO UNDER 20.0	7965	24012	4784	15920	1738	6174	3285	9177	173	566
20.0 TO UNDER 40.0	2250	12182	1336	8210	401	2134	970	6056	22	22
40.0 TO UNDER 60.0	437	5467	249	4390	69	901	182	3490	-	-
60.0 AND ABOVE	411	10809	246	8124	98	4815	174	3309	-	-
SINDH PROVINCE										
PRIVATE FARMS-TOTAL	19598	17459	7719	6302	3048	2010	4680	4291	-	-
UNDER 0.5	339	112	233	94	45	18	188	76	-	-
0.5 TO UNDER 1.0	2108	1127	945	570	250	102	695	468	-	-
1.0 TO UNDER 2.0	3887	2179	621	318	129	80	492	238	-	-
2.0 TO UNDER 3.0	2186	1709	1070	572	725	285	345	287	-	-
3.0 TO UNDER 5.0	2880	2255	919	592	95	47	824	545	-	-
5.0 TO UNDER 10.0	4009	3246	1924	1263	1309	785	615	479	-	-
10.0 TO UNDER 20.0	3095	3516	1179	1201	202	229	977	972	-	-
20.0 TO UNDER 40.0	662	2007	469	939	218	295	258	644	-	-
40.0 TO UNDER 60.0	310	867	260	564	75	167	185	397	-	-
60.0 AND ABOVE	123	442	99	189	-	-	99	189	-	-
BALOCHISTAN PROVINCE										
PRIVATE FARMS-TOTAL	7799	26842	3254	16341	518	1338	2240	13325	591	1680
UNDER 0.5	369	118	63	24	41	16	22	7	-	-
0.5 TO UNDER 1.0	492	368	208	170	41	30	122	90	65	49
1.0 TO UNDER 2.0	1126	1270	498	668	76	89	307	417	128	162
2.0 TO UNDER 3.0	1213	1721	446	888	91	131	237	506	119	252
3.0 TO UNDER 5.0	1489	3766	611	2015	76	206	442	1495	134	314
5.0 TO UNDER 10.0	1568	7509	774	4594	89	328	644	4079	50	183
10.0 TO UNDER 20.0	809	5423	384	3690	46	117	308	3409	37	163
20.0 TO UNDER 40.0	395	3447	171	2608	21	34	110	2052	43	522
40.0 TO UNDER 60.0	121	1132	51	934	13	32	30	867	9	34
60.0 AND ABOVE	208	2097	47	756	28	354	20	400	3	2

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

(AREA IN HECTARES)

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	55672	45695	42917	27267	22649	19765	16896	5109	3372
POTATOES	134891	175526	74996	113150	36386	44501	32445	63012	13043	5636
ONIONS	140141	120779	85992	88084	37918	33203	48075	48112	8949	6766
SUNFLOWER	66401	135051	41840	96221	7782	9943	34826	83999	2757	2275
ORCHARDS	282358	459629	161045	340543	78234	165177	77666	131340	27227	44021
VEGETABLES	507790	587383	93872	68088	53158	32415	43102	31126	9624	4535
OTHER CROPS	326028	326529	122803	118124	63865	47580	68507	62933	12173	7605
KHYBER PAKHTUNKHWA PROVINCE										
TOBACCO	37772	33890	26856	26617	14606	12518	13782	12163	2781	1934
POTATOES	48618	20038	24734	10033	13197	4338	5709	3144	9324	2552
ONIONS	25959	7446	15359	4870	11352	3431	3646	958	2798	481
SUNFLOWER	9760	3414	3595	1564	1222	259	2354	873	1257	431
ORCHARDS	46732	26871	14815	11515	5720	4097	3495	1903	8279	5514
VEGETABLES	131299	79275	28587	18082	20934	12441	7425	4102	3977	1536
OTHER CROPS	41557	22423	13274	8261	8765	3384	5130	2327	5221	2546
PUNJAB PROVINCE										
TOBACCO	27907	18076	16761	13580	11440	8102	5827	4622	1554	857
POTATOES	78728	140927	46003	96782	20707	35857	25811	58717	2713	2206
ONIONS	46901	19805	24444	11275	11044	2871	13052	7481	2252	925
SUNFLOWER	15337	21200	9971	15556	2364	3370	7769	12128	85	56
ORCHARDS	149783	218038	89330	156401	41059	66616	49887	80712	6774	9076
VEGETABLES	241813	271005	47370	29210	24269	12135	24697	15739	3826	1331
OTHER CROPS	243023	236422	97788	83773	52525	40028	53917	39241	6584	4500
SINDH PROVINCE										
TOBACCO	646	215	-	-	-	-	-	-	-	-
POTATOES	3512	6325	1544	2139	1135	1704	410	435	-	-
ONIONS	42030	51766	28953	37495	7334	9270	22405	27762	773	461
SUNFLOWER	39377	108145	27029	77416	3600	5339	24418	70684	994	1395
ORCHARDS	28976	76210	20064	65259	7738	25697	12299	23628	3636	15932
VEGETABLES	86388	129328	11258	12423	4435	4383	7244	7544	569	495
OTHER CROPS	33106	50836	9107	21058	1907	3417	7479	17481	94	163
BALOCHISTAN PROVINCE										
TOBACCO	2536	3491	2078	2720	1221	2029	156	111	774	581
POTATOES	4033	8236	2715	4196	1347	2602	515	716	1006	878
ONIONS	25251	41762	17236	34444	8188	17631	8972	11911	3126	4899
SUNFLOWER	1927	2292	1245	1685	596	975	285	314	421	393
ORCHARDS	56867	138510	36836	107368	23717	68767	11985	25097	8538	13499
VEGETABLES	48290	107775	6657	8373	3520	3456	3736	3741	1252	1173
OTHER CROPS	8342	16848	2634	5032	668	751	1981	3884	274	396

TABLE 7.11

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

(AREA IN HECTARES)

SIZE OF FARM (HECTARES)	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	27481977	6711306	24	20	59	29	39	11	23	34	29	10	30	11	*
UNDER 0.5	888349	168759	19	18	55	13	35	4	18	32	19	16	17	16	*
0.5 TO UNDER 1.0	1847499	433723	23	20	59	21	38	6	21	22	33	10	18	15	*
1.0 TO UNDER 2.0	3851042	931644	24	20	59	28	38	9	23	36	35	13	23	17	*
2.0 TO UNDER 3.0	4062852	1017258	25	22	59	32	40	12	20	32	25	5	31	14	*
3.0 TO UNDER 5.0	5241332	1368138	26	22	61	29	41	15	18	32	32	18	36	11	*
5.0 TO UNDER 10.0	5215939	1315139	25	21	61	30	41	12	21	33	32	12	35	10	*
10.0 TO UNDER 20.0	3304071	791881	24	19	56	29	35	16	18	37	31	9	30	7	*
20.0 TO UNDER 40.0	1764484	398720	23	16	56	27	36	23	28	43	6	7	25	5	*
40.0 TO UNDER 60.0	521552	109365	21	14	54	28	26	26	45	39	1	3	18	3	1
60.0 AND ABOVE	784856	176666	23	17	49	30	38	14	13	28	4	13	43	17	1
KHYBER PAKHTUNKHWA PROVINCE															
PRIVATE FARMS-TOTAL	2807193	193912	7	8	2	18	15	4	18	15	34	8	8	18	*
UNDER 0.5	241489	10899	5	6	*	1	1	2	6	30	24	2	4	21	*
0.5 TO UNDER 1.0	334199	17424	5	7	*	7	6	2	12	12	39	3	2	15	*
1.0 TO UNDER 2.0	520697	32370	6	7	*	10	8	4	21	12	34	8	2	24	*
2.0 TO UNDER 3.0	403627	30217	7	8	*	16	12	5	30	15	27	2	12	22	*
3.0 TO UNDER 5.0	442838	31868	7	7	*	18	16	5	15	16	39	14	6	16	*
5.0 TO UNDER 10.0	415049	31793	8	9	4	21	16	4	19	5	36	13	16	19	*
10.0 TO UNDER 20.0	238928	21333	9	10	*	38	27	3	8	10	39	2	23	5	*
20.0 TO UNDER 40.0	113187	8161	7	6	2	29	19	3	26	*	16	5	18	8	*
40.0 TO UNDER 60.0	40679	2743	7	8	100	19	21	3	*	*	14	*	87	*	*
60.0 AND ABOVE	56504	7104	13	17	4	25	19	6	*	70	12	*	1	*	1
PUNJAB PROVINCE															
PRIVATE FARMS-TOTAL	18229911	5292569	29	25	62	34	48	31	34	40	22	37	40	13	*
UNDER 0.5	558499	135707	24	24	58	23	38	15	27	40	16	*	35	16	*
0.5 TO UNDER 1.0	1223622	341931	28	25	61	29	43	21	23	38	19	25	30	20	*
1.0 TO UNDER 2.0	2617704	729998	28	25	61	32	44	29	20	44	28	27	29	18	*
2.0 TO UNDER 3.0	3016714	861248	29	26	61	34	46	33	26	36	22	13	34	12	*
3.0 TO UNDER 5.0	3820677	1134409	30	27	63	32	47	34	18	36	16	43	40	10	1
5.0 TO UNDER 10.0	3571541	1060171	30	26	65	37	51	30	36	37	26	45	41	11	*
10.0 TO UNDER 20.0	1843212	547979	30	25	61	34	49	36	26	39	36	41	33	8	*
20.0 TO UNDER 40.0	868994	266070	31	23	66	32	54	53	37	52	29	43	45	12	*
40.0 TO UNDER 60.0	265994	78907	30	17	61	40	46	62	97	56	5	2	43	6	2
60.0 AND ABOVE	442946	136142	31	24	60	40	58	20	41	30	1	46	69	59	*
SINDH PROVINCE															
PRIVATE FARMS-TOTAL	4999072	1123428	22	16	49	23	21	8	17	10	*	5	33	9	1
UNDER 0.5	80281	21377	27	21	46	28	23	38	17	*	*	31	5	4	1
0.5 TO UNDER 1.0	265029	71970	27	18	54	18	22	20	19	*	*	10	8	11	1
1.0 TO UNDER 2.0	634308	160009	25	16	54	30	21	4	18	*	*	11	9	9	*
2.0 TO UNDER 3.0	542480	117034	22	14	51	33	21	6	14	22	*	3	20	10	*
3.0 TO UNDER 5.0	732954	181063	25	17	53	26	24	6	22	11	-	7	34	17	*
5.0 TO UNDER 10.0	897043	202963	23	18	49	19	21	5	19	5	-	5	42	7	1
10.0 TO UNDER 20.0	958615	207073	22	16	47	22	21	12	16	23	*	6	39	10	1
20.0 TO UNDER 40.0	580374	110988	19	12	44	20	23	4	15	1	-	2	30	6	1
40.0 TO UNDER 60.0	132860	23785	18	14	43	15	6	14	33	*	-	4	75	6	3
60.0 AND ABOVE	175135	27165	16	11	32	22	10	21	9	*	-	2	20	3	2
BALOCHISTAN PROVINCE															
PRIVATE FARMS-TOTAL	1445801	101397	7	3	30	9	20	4	25	9	19	1	16	4	*
UNDER 0.5	8080	776	10	1	*	67	28	*	20	*	*	-	18	8	15
0.5 TO UNDER 1.0	24649	2398	10	2	1	29	33	*	28	16	67	*	21	13	7
1.0 TO UNDER 2.0	78333	9267	12	3	11	38	30	*	31	68	88	*	26	12	3
2.0 TO UNDER 3.0	100031	8759	9	4	19	32	22	1	17	37	49	*	29	10	*
3.0 TO UNDER 5.0	244863	20798	8	2	26	17	25	2	15	3	3	2	32	6	*
5.0 TO UNDER 10.0	332306	20212	6	2	43	*	19	2	15	1	*	5	21	4	*
10.0 TO UNDER 20.0	263316	15496	6	3	53	*	17	7	19	1	*	2	13	3	*
20.0 TO UNDER 40.0	201929	13501	7	4	34	*	11	9	39	*	*	*	5	1	*
40.0 TO UNDER 60.0	82019	3930	5	8	1	-	5	2	33	1	*	*	1	*	*
60.0 AND ABOVE	110271	6255	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 HECTARES)

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	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	27481977	6711306	24	20	59	29	39	11	23	34	29	10	30	11	*
OWNER FARMS	20571618	4914903	24	20	58	27	38	9	20	32	28	8	33	10	*
OWNER-CUM-TENANT FARMS . .	3731504	1007647	27	21	63	34	48	19	40	35	30	20	16	12	*
TENANT FARMS	3178854	788764	25	20	59	31	36	19	20	49	33	23	29	15	*
KHYBER PAKHTUNKHWA PROVINCE															
PRIVATE FARMS-TOTAL	2807193	193912	7	8	2	18	15	4	18	15	34	8	8	18	*
OWNER FARMS	2268144	154979	7	8	2	19	16	3	21	14	33	8	8	16	*
OWNER-CUM-TENANT FARMS . .	303490	22490	7	8	*	19	11	4	26	10	39	13	20	16	*
TENANT FARMS	235555	16442	7	6	*	13	8	5	6	29	33	2	5	34	*
PUNJAB PROVINCE															
PRIVATE FARMS-TOTAL	18229911	5292569	29	25	62	34	48	31	34	40	22	37	40	13	*
OWNER FARMS	13335851	3801888	29	25	62	32	46	27	21	37	18	31	41	11	*
OWNER-CUM-TENANT FARMS . .	2984215	906935	30	24	64	37	53	39	58	41	41	39	32	16	*
TENANT FARMS	1909835	583747	31	28	63	36	54	46	10	56	42	68	30	21	*
SINDH PROVINCE															
PRIVATE FARMS-TOTAL	4999072	1123428	22	16	49	23	21	8	17	10	*	5	33	9	*
OWNER FARMS	3961776	886637	22	17	48	22	22	9	16	14	*	5	32	10	1
OWNER-CUM-TENANT FARMS . .	304292	73479	24	14	60	29	18	4	28	*	*	3	42	5	1
TENANT FARMS	733014	163321	22	10	54	26	19	6	15	*	*	7	40	6	1
BALOCHISTAN PROVINCE															
PRIVATE FARMS-TOTAL	1445801	101397	7	3	30	9	20	4	25	9	19	1	16	4	*
OWNER FARMS	1005847	71399	7	3	32	6	22	3	25	26	48	3	22	5	*
OWNER-CUM-TENANT FARMS . .	139507	4743	3	3	13	36	19	*	21	1	1	*	2	1	*
TENANT FARMS	300450	25254	8	4	31	83	18	11	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 HECTARES)

SIZE OF FARM (HECTARES)	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	27481977	6270779	23	35	25	19	26	7	13	25	7	4	10	4	*
UNDER 0.5	888349	158528	18	26	27	8	25	2	13	16	9	1	2	8	*
0.5 TO UNDER 1.0	1847499	403902	22	31	26	14	27	4	14	13	5	7	4	4	*
1.0 TO UNDER 2.0	3851042	870486	23	33	25	16	26	5	13	16	5	6	6	5	*
2.0 TO UNDER 3.0	4062852	981323	24	36	25	21	27	7	11	19	9	7	10	5	*
3.0 TO UNDER 5.0	5241332	1294160	25	37	25	21	29	9	10	24	7	5	12	5	*
5.0 TO UNDER 10.0	5215939	1253867	24	37	26	22	28	8	11	27	10	5	7	5	*
10.0 TO UNDER 20.0	3304071	707814	21	34	20	16	23	12	10	34	10	3	10	3	*
20.0 TO UNDER 40.0	1764484	332679	19	31	22	14	18	9	20	20	*	3	9	2	*
40.0 TO UNDER 60.0	521552	108655	21	32	29	13	19	23	14	38	1	*	4	*	*
60.0 AND ABOVE	784856	159373	20	29	24	28	15	15	7	29	4	11	27	1	*
KHYBER PAKHTUNKHWA PROVINCE															
PRIVATE FARMS-TOTAL	2807193	181757	6	9	2	15	13	3	11	10	4	4	1	2	*
UNDER 0.5	241489	9663	4	7	*	2	1	1	2	14	3	*	1	5	*
0.5 TO UNDER 1.0	334199	17652	5	9	*	4	4	2	5	8	1	*	1	4	*
1.0 TO UNDER 2.0	520697	32106	6	10	*	7	6	3	16	11	4	2	1	2	*
2.0 TO UNDER 3.0	403627	26447	7	10	*	12	11	3	20	7	3	*	1	1	*
3.0 TO UNDER 5.0	442838	30541	7	10	*	18	17	2	9	15	6	7	*	3	*
5.0 TO UNDER 10.0	415049	31859	8	11	4	23	22	2	11	4	3	13	1	2	*
10.0 TO UNDER 20.0	238928	15678	7	8	*	27	17	2	7	1	8	*	1	1	*
20.0 TO UNDER 40.0	113187	8226	7	9	2	20	17	2	*	*	*	5	10	*	*
40.0 TO UNDER 60.0	40679	2131	5	7	100	13	14	2	*	*	14	*	4	*	*
60.0 AND ABOVE	56504	7457	13	22	3	23	*	6	*	70	12	*	1	*	*
PUNJAB PROVINCE															
PRIVATE FARMS-TOTAL	18229911	5460337	30	46	28	25	36	20	14	30	14	15	16	8	*
UNDER 0.5	558499	135866	24	37	29	15	29	6	21	20	14	*	5	12	*
0.5 TO UNDER 1.0	1223622	344436	28	41	28	21	34	10	18	21	13	*	7	8	*
1.0 TO UNDER 2.0	2617704	749460	29	43	27	20	34	14	13	21	9	5	11	11	*
2.0 TO UNDER 3.0	3016714	895134	30	45	28	24	36	18	17	23	17	9	13	9	*
3.0 TO UNDER 5.0	3820677	1163947	30	47	28	24	38	21	18	27	12	10	15	7	1
5.0 TO UNDER 10.0	3571541	1102946	31	48	29	28	39	23	19	31	23	16	11	9	*
10.0 TO UNDER 20.0	1843212	583314	32	49	26	25	39	31	13	37	14	15	17	6	*
20.0 TO UNDER 40.0	868994	264181	30	50	29	24	35	20	1	24	1	20	17	9	*
40.0 TO UNDER 60.0	265994	90539	34	51	34	17	37	57	*	54	*	1	14	2	*
60.0 AND ABOVE	442946	130525	29	45	30	40	26	24	45	30	1	45	46	1	*
SINDH PROVINCE															
PRIVATE FARMS-TOTAL	4999072	516136	10	16	16	7	3	2	4	*	*	2	6	1	*
UNDER 0.5	80281	12751	16	20	21	14	4	*	4	*	*	1	3	3	*
0.5 TO UNDER 1.0	265029	40633	15	19	21	8	3	2	2	*	*	8	5	2	*
1.0 TO UNDER 2.0	634308	82680	13	18	18	6	3	*	3	*	*	7	*	2	*
2.0 TO UNDER 3.0	542480	54852	10	15	16	11	3	*	2	*	*	7	12	1	*
3.0 TO UNDER 5.0	732954	79436	11	17	15	9	3	4	3	*	-	3	3	3	*
5.0 TO UNDER 10.0	897043	86332	10	15	16	6	2	2	5	*	-	2	*	*	*
10.0 TO UNDER 20.0	958615	77090	8	15	11	3	2	4	5	*	*	1	6	*	*
20.0 TO UNDER 40.0	580374	51123	9	16	13	2	3	*	4	*	-	1	9	*	*
40.0 TO UNDER 60.0	132860	13375	10	16	19	9	1	*	2	*	-	*	*	*	*
60.0 AND ABOVE	175135	17866	10	12	15	18	5	*	3	*	-	1	6	*	*
BALOCHISTAN PROVINCE															
PRIVATE FARMS-TOTAL	1445801	112549	8	11	14	7	12	*	23	*	*	1	3	2	*
UNDER 0.5	8080	248	3	1	*	67	1	*	18	*	*	-	1	*	18
0.5 TO UNDER 1.0	24649	1181	5	3	1	29	10	*	29	*	*	*	3	4	7
1.0 TO UNDER 2.0	78333	6240	8	9	10	30	14	*	19	1	*	*	2	4	3
2.0 TO UNDER 3.0	100031	4890	5	7	22	32	3	*	12	2	*	*	3	2	*
3.0 TO UNDER 5.0	244863	20236	8	11	32	* 11	*	*	12	2	*	5	7	1	*
5.0 TO UNDER 10.0	332306	32730	10	14	16	* 19	*	*	15	2	*	5	4	2	*
10.0 TO UNDER 20.0	263316	31732	12	17	6	* 19	*	*	17	*	*	*	3	4	*
20.0 TO UNDER 40.0	201929	9149	5	5	6	* *	*	*	42	*	*	*	2	1	*
40.0 TO UNDER 60.0	82019	2610	3	6	*	- *	*	*	28	*	*	*	*	*	*
60.0 AND ABOVE	110271	3525	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 HECTARES)

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	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	27481977	6270779	23	35	25	19	26	7	13	25	7	4	10	4	*
OWNER FARMS	20571618	4617945	22	34	25	18	25	6	13	25	7	3	11	4	*
OWNER-CUM-TENANT FARMS ..	3731504	991519	27	42	25	23	32	12	9	23	8	10	5	4	*
TENANT FARMS	3178854	661318	21	33	19	21	21	7	16	32	5	7	7	6	*
KHYBER PAKHTUNKHWA PROVINCE															
PRIVATE FARMS-TOTAL	2807193	181757	6	9	2	15	13	3	11	10	4	4	1	2	*
OWNER FARMS	2268144	142729	6	9	2	14	12	3	14	9	5	4	2	3	*
OWNER-CUM-TENANT FARMS ..	303490	22617	7	10	*	27	24	1	11	3	2	10	1	3	*
TENANT FARMS	235555	16414	7	11	*	12	4	2	4	25	3	1	*	1	*
PUNJAB PROVINCE															
PRIVATE FARMS-TOTAL	18229911	5460337	30	46	28	25	36	20	14	30	14	15	16	8	*
OWNER FARMS	13335851	3965097	30	45	29	24	36	19	21	30	12	13	17	7	*
OWNER-CUM-TENANT FARMS ..	2984215	929070	31	49	27	24	36	27	7	27	26	20	13	6	*
TENANT FARMS	1909835	566173	30	47	25	29	39	16	5	37	22	19	11	16	*
SINDH PROVINCE															
PRIVATE FARMS-TOTAL	4999072	516136	10	16	16	7	3	2	4	*	*	2	6	1	*
OWNER FARMS	3961776	420701	11	17	17	6	2	2	4	*	*	2	6	1	*
OWNER-CUM-TENANT FARMS ..	304292	35540	12	20	14	10	4	*	6	*	*	2	6	1	*
TENANT FARMS	733014	59896	8	12	9	7	4	2	5	*	*	3	1	1	*
BALOCHISTAN PROVINCE															
PRIVATE FARMS-TOTAL	1445801	112549	8	11	14	7	12	*	23	*	*	1	3	2	*
OWNER FARMS	1005847	89418	9	11	16	5	18	*	24	1	*	2	4	2	*
OWNER-CUM-TENANT FARMS ..	139507	4292	3	5	*	17	26	*	16	*	*	*	1	*	*
TENANT FARMS	300450	18835	6	11	3	50	5	*	26	*	*	*	2	*	*

* VALUE LESS THAN 0.5

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