

IRRIGATION IN HUMID AREAS

Table 5.—FARMS REPORTING, ACRES IRRIGATED, AND SPECIFIED IRRIGATION FACILITIES, BY SOURCE OF POWER, BY STATES: 1955

State and source of power	Number of farms reporting irrigation, 1955	Area irrigated				Largest acreage irrigated in any year (acres)	Pumps, 1955		Farms reporting reservoirs, dams, etc., for storing water, 1955
		1954		1955			Farms reporting	Number	
		Farms reporting	Acres	Farms reporting	Acres				
Total, 28 States.....	14,541	13,664	545,671	11,997	487,495	646,247	13,662	17,588	6,140
Tractor only.....	1,649	1,535	38,772	1,183	27,098	46,252	1,643	1,782	707
Tractor and electricity.....	187	174	26,456	174	21,646	29,226	187	481	72
Tractor and source other than electricity.....	417	399	28,929	374	27,595	36,173	415	821	208
Electricity only.....	1,712	1,600	68,698	1,539	58,146	75,046	1,707	2,335	397
Electricity and source other than tractor.....	463	441	47,958	440	47,335	59,918	462	1,292	261
Other motors and engines.....	9,255	8,720	325,793	7,561	297,825	389,109	9,245	10,873	4,393
No power required.....	808	751	7,561	693	7,309	8,991	...	...	90
Not reported.....	50	44	1,504	33	541	1,532	3	4	12
Maine.....	60	33	428	50	1,054	830	50	67	37
Tractor and source other than electricity.....	1	1	11	1	12	12	1	1	1
Electricity only.....	3	3	82	3	82	7	3	4	2
Electricity and source other than tractor.....	1	...	...	1	50	50	1	2	1
Other motors and engines.....	46	23	309	38	871	732	45	60	32
No power required.....	9	6	26	7	39	29	...	...	1
New Hampshire.....	52	48	710	50	956	1,008	39	42	19
Tractor only.....	3	3	39	3	40	40	3	3	...
Electricity only.....	1	1	9	1	8	11	1	1	...
Electricity and source other than tractor.....	1	1	20	1	20	20	1	2	1
Other motors and engines.....	34	31	500	34	733	751	34	36	18
No power required.....	13	12	142	11	155	186	...	...	...
Vermont.....	20	17	299	18	321	438	17	19	5
Tractor only.....	1	1	25	1	12	25	1	1	...
Electricity only.....	1	1	1	1	1	1	1	1	...
Other motors and engines.....	15	14	267	14	276	343	15	17	5
No power required.....	3	1	6	2	32	69	...	...	...
Massachusetts.....	478	438	9,627	442	9,895	12,031	357	464	188
Tractor only.....	18	15	324	16	402	454	18	23	11
Tractor and electricity.....	6	4	37	5	42	55	6	13	4
Tractor and source other than electricity.....	7	7	70	5	56	77	7	11	4
Electricity only.....	32	29	407	31	432	459	32	35	9
Electricity and source other than tractor.....	11	11	269	11	279	295	11	27	6
Other motors and engines.....	283	259	7,372	261	7,404	9,411	283	355	151
No power required.....	120	112	1,138	113	1,280	1,270	...	...	3
Not reported.....	1	1	10	...	...	10	...	...	...
Rhode Island.....	36	36	968	30	683	1,204	31	38	15
Tractor only.....	4	4	87	4	61	134	4	5	3
Tractor and electricity.....	1	1	30	1	30	30	1	1	1
Electricity only.....	5	5	47	4	42	43	5	7	1
Other motors and engines.....	21	21	779	16	530	971	21	25	10
No power required.....	5	5	25	5	20	26	...	...	...
Connecticut.....	328	301	12,397	309	13,056	14,579	311	434	188
Tractor only.....	8	7	116	7	115	173	8	8	3
Tractor and electricity.....	5	5	248	5	254	319	5	13	4
Tractor and source other than electricity.....	18	16	243	16	152	302	18	21	9
Electricity only.....	7	6	1,562	7	1,325	1,598	7	30	7
Electricity and source other than tractor.....	273	253	10,152	259	11,077	12,068	273	362	164
Other motors and engines.....	16	13	74	14	131	117	...	...	1
No power required.....	1	1	2	1	2	2	...	...	...
Not reported.....	1	1	1	1	1	1	...	...	...
New York.....	1,284	1,191	52,467	1,231	58,474	62,474	1,133	1,533	334
Tractor only.....	26	23	403	25	485	555	26	30	13
Tractor and electricity.....	7	7	228	6	215	252	7	18	2
Tractor and source other than electricity.....	23	22	1,145	22	1,550	1,630	23	46	14
Electricity only.....	132	119	1,453	126	1,582	1,779	131	174	20
Electricity and source other than tractor.....	28	25	814	26	924	1,060	28	66	14
Other motors and engines.....	919	861	46,809	886	52,081	55,206	918	1,199	271
No power required.....	148	133	1,607	139	1,629	1,984
Not reported.....	1	1	8	1	8	8

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State and source of power	Number of farms reporting irrigation, 1955	Area irrigated				Largest acreage irrigated in any year (acres)	Pumps, 1955		Farms reporting reservoirs, dams, etc., for storing water, 1955
		1954		1955			Farms reporting	Number	
		Farms reporting	Acres	Farms reporting	Acres				
New Jersey.....	1,428	1,312	50,855	1,353	57,923	60,830	1,336	1,910	576
Tractor only.....	53	39	1,056	48	1,652	1,687	53	54	26
Tractor and electricity.....	9	6	86	8	122	197	9	20	2
Tractor and source other than electricity.....	41	36	1,493	40	2,162	2,090	41	77	25
Electricity only.....	183	168	2,303	174	2,584	2,662	183	220	21
Electricity and source other than tractor.....	69	67	5,959	68	7,276	7,561	69	197	33
Other motors and engines.....	981	908	39,058	930	43,179	45,777	981	1,342	468
No power required.....	84	80	870	77	920	824	...	...	...
Not reported.....	8	8	30	8	28	32	...	...	1
Pennsylvania.....	669	644	16,792	569	17,524	21,567	629	754	296
Tractor only.....	83	80	1,145	64	1,207	1,401	83	87	22
Tractor and electricity.....	8	8	246	6	79	252	8	19	4
Tractor and source other than electricity.....	12	12	284	12	311	315	12	14	6
Electricity only.....	89	85	896	82	877	1,088	89	118	37
Electricity and source other than tractor.....	28	26	524	26	656	778	28	61	21
Other motors and engines.....	409	394	13,531	344	14,230	17,529	409	455	200
No power required.....	39	38	164	34	162	202	...	...	5
Not reported.....	1	1	2	1	2	2	...	...	1
Ohio.....	648	616	13,786	575	12,622	16,132	575	746	229
Tractor only.....	42	40	1,149	37	839	1,179	42	47	14
Tractor and electricity.....	10	9	302	10	419	444	10	25	8
Tractor and source other than electricity.....	8	8	287	7	213	321	8	16	4
Electricity only.....	168	158	2,098	152	2,149	2,313	168	224	51
Electricity and source other than tractor.....	39	37	1,552	39	1,708	2,103	39	90	26
Other motors and engines.....	308	296	7,980	267	6,906	9,269	308	344	123
No power required.....	69	65	332	60	299	409	...	...	2
Not reported.....	4	3	86	3	89	94	...	...	1
Indiana.....	348	340	12,901	262	10,357	14,999	338	445	101
Tractor only.....	47	46	1,135	29	800	1,296	47	52	13
Tractor and electricity.....	2	2	27	2	15	35	2	4	...
Tractor and source other than electricity.....	4	4	182	2	44	170	3	7	...
Electricity only.....	88	85	927	85	985	1,053	88	139	7
Electricity and source other than tractor.....	13	13	3,484	12	3,933	4,267	13	44	3
Other motors and engines.....	185	181	7,131	124	4,564	8,160	185	199	77
No power required.....	9	9	15	8	16	18	...	...	1
Illinois.....	178	168	5,351	152	4,632	6,097	171	229	41
Tractor only.....	31	30	724	24	622	885	31	33	8
Tractor and electricity.....	2	2	31	2	23	36	2	3	...
Tractor and source other than electricity.....	12	11	706	12	797	826	12	26	6
Electricity only.....	38	37	311	36	336	422	38	49	7
Electricity and source other than tractor.....	8	8	153	8	212	191	8	18	1
Other motors and engines.....	80	73	3,404	63	2,620	3,716	80	100	19
No power required.....	7	7	22	7	22	21	...	...	...
Wisconsin.....	295	266	10,490	273	12,835	13,514	289	370	99
Tractor only.....	25	21	491	22	656	717	25	27	10
Tractor and electricity.....	4	4	131	4	119	159	4	9	1
Tractor and source other than electricity.....	11	11	912	11	908	976	11	20	5
Electricity only.....	30	29	334	30	388	456	30	33	5
Electricity and source other than tractor.....	6	4	250	5	404	543	6	15	2
Other motors and engines.....	213	192	8,307	197	10,306	10,586	213	266	75
No power required.....	5	4	58	3	47	70	...	...	1
Not reported.....	1	1	7	1	7	7	...	...	...
Michigan.....	1,168	1,040	20,605	1,072	23,931	27,768	1,132	1,365	447
Tractor only.....	87	72	1,104	73	1,243	1,553	87	95	36
Tractor and electricity.....	13	12	281	13	288	308	13	26	2
Tractor and source other than electricity.....	40	37	653	39	922	981	40	65	19
Electricity only.....	177	156	1,702	156	1,882	2,158	176	234	25
Electricity and source other than tractor.....	39	35	1,233	38	1,514	1,570	38	92	22
Other motors and engines.....	779	698	15,405	724	17,876	20,957	778	853	341
No power required.....	33	30	227	29	206	241	2

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		1954		1955			Farms reporting	Number	
		Farms reporting	Acres	Farms reporting	Acres				
Minnesota.....	273	254	7,423	246	7,392	9,168	264	382	23
Tractor only.....	29	27	616	26	663	785	29	33	2
Tractor and electricity.....	14	12	636	12	638	718	14	42	2
Tractor and source other than electricity.....	19	18	709	16	856	950	19	41	1
Electricity only.....	48	44	588	43	567	647	48	62	4
Electricity and source other than tractor.....	16	14	371	16	441	490	16	37	3
Other motors and engines.....	138	131	4,461	126	4,186	5,461	138	167	11
No power required.....	8	7	39	6	38	114	...	...	...
Not reported.....	1	1	3	1	3	3	...	...	...
Iowa.....	101	83	1,996	95	2,838	2,912	96	141	15
Tractor only.....	22	20	600	18	771	905	22	27	4
Tractor and electricity.....	1	1	10	1	15	15	1	2	...
Tractor and source other than electricity.....	7	7	110	6	105	187	7	11	1
Electricity only.....	15	14	220	15	337	301	15	19	1
Electricity and source other than tractor.....	4	4	112	4	290	297	4	15	1
Other motors and engines.....	47	33	927	47	1,306	1,175	47	67	8
No power required.....	5	4	17	4	14	32	...	...	...
Missouri.....	580	558	33,315	418	21,355	36,822	521	639	115
Tractor only.....	118	114	5,454	66	2,917	6,253	118	132	19
Tractor and electricity.....	6	5	215	5	83	263	6	7	3
Tractor and source other than electricity.....	23	23	3,794	21	2,439	3,952	23	51	8
Electricity only.....	68	65	4,669	60	3,488	4,922	68	88	11
Electricity and source other than tractor.....	11	11	924	11	941	1,096	11	24	4
Other motors and engines.....	295	285	17,885	200	11,127	19,874	295	337	62
No power required.....	58	55	374	55	360	461	...	...	8
Not reported.....	1	...	...	...	...	1	...	...	...
Delaware.....	62	59	5,180	58	6,343	6,467	62	77	39
Tractor and source other than electricity.....	1	...	...	1	223	223	1	2	1
Electricity only.....	1	...	...	...	...	5	1	2	1
Electricity and source other than tractor.....	3	3	85	3	125	125	3	6	2
Other motors and engines.....	57	56	5,095	54	5,995	6,114	57	67	35
Maryland.....	173	153	7,247	150	8,133	9,663	164	199	92
Tractor only.....	12	11	204	8	101	231	12	13	5
Tractor and source other than electricity.....	1	1	5	1	6	5	1	1	...
Electricity only.....	24	20	113	22	550	543	24	30	9
Electricity and source other than tractor.....	7	7	892	7	1,100	1,105	7	21	5
Other motors and engines.....	120	107	5,987	105	6,342	7,723	120	134	73
No power required.....	8	6	45	6	33	55	...	...	...
Not reported.....	1	1	1	1	1	1	...	...	...
Virginia.....	545	522	22,887	426	16,465	24,738	537	630	322
Tractor only.....	56	53	1,420	43	919	1,593	56	60	33
Tractor and electricity.....	2	2	61	1	10	61	2	2	1
Tractor and source other than electricity.....	8	8	565	7	251	580	8	16	5
Electricity only.....	71	68	1,033	59	951	1,122	71	91	21
Electricity and source other than tractor.....	12	12	1,627	12	1,558	1,736	12	32	10
Other motors and engines.....	388	371	18,152	297	12,744	19,616	388	429	250
No power required.....	6	6	17	5	20	18	...	...	2
Not reported.....	2	2	12	2	12	12	...	...	...
West Virginia.....	29	29	1,104	26	973	1,176	26	31	10
Tractor only.....	2	2	19	2	22	24	2	2	2
Tractor and source other than electricity.....	1	1	10	1	10	10	1	2	1
Electricity only.....	6	6	98	6	80	117	6	6	...
Electricity and source other than tractor.....	2	2	460	2	460	460	2	4	...
Other motors and engines.....	14	14	467	12	378	509	14	16	4
No power required.....	2	2	13	2	15	15	2
Not reported.....	2	2	37	1	8	41	1	1	1

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		Farms reporting	Acres	Farms reporting	Acres				
North Carolina.....	1,590	1,547	27,135	1,197	21,350	30,874	1,559	1,752	1,073
Tractor only.....	185	180	2,463	138	1,869	2,953	185	190	133
Tractor and electricity.....	2	2	216	2	151	216	2	5	2
Tractor and source other than electricity.....	22	22	728	20	641	836	22	42	15
Electricity only.....	54	54	1,009	43	978	1,098	51	73	29
Electricity and source other than tractor.....	20	20	528	19	504	594	20	53	15
Other motors and engines.....	1,277	1,242	22,082	958	17,136	25,059	1,277	1,386	870
No power required.....	25	22	84	14	45	87	...	...	7
Not reported.....	5	5	25	3	26	31	2	3	2
South Carolina.....	494	475	21,524	350	16,504	25,901	474	612	367
Tractor only.....	60	54	1,507	45	976	1,877	60	67	44
Tractor and electricity.....	7	7	288	7	357	372	7	15	5
Tractor and source other than electricity.....	22	22	2,207	19	2,838	3,156	22	47	17
Electricity only.....	23	23	453	20	254	515	23	35	17
Electricity and source other than tractor.....	12	12	323	11	258	408	12	46	11
Other motors and engines.....	352	339	15,543	234	10,677	17,949	350	402	263
No power required.....	16	16	1,188	12	1,129	1,604	...	...	8
Not reported.....	2	2	15	2	15	20	...	...	2
Georgia.....	857	801	24,681	734	25,271	32,581	828	1,008	649
Tractor only.....	180	166	2,374	152	2,165	2,985	180	182	151
Tractor and electricity.....	7	6	171	7	253	261	7	15	6
Tractor and source other than electricity.....	39	38	1,126	36	1,250	1,467	38	64	32
Electricity only.....	69	65	1,339	57	1,283	1,697	69	96	36
Electricity and source other than tractor.....	27	26	1,425	25	1,451	1,720	27	60	24
Other motors and engines.....	508	473	17,980	434	18,615	24,178	507	591	389
No power required.....	22	22	122	19	112	128	...	...	7
Not reported.....	5	5	144	4	142	145	...	...	4
Kentucky.....	829	802	13,351	449	6,313	15,204	799	847	257
Tractor only.....	189	180	2,116	106	1,146	2,368	183	186	50
Tractor and electricity.....	4	4	55	4	75	83	4	7	2
Tractor and source other than electricity.....	13	12	313	9	222	307	13	23	2
Electricity only.....	42	39	456	29	344	495	42	52	5
Electricity and source other than tractor.....	6	6	68	6	87	93	6	10	4
Other motors and engines.....	555	543	10,267	282	4,389	11,778	551	569	193
No power required.....	13	12	53	12	41	56	...	...	1
Not reported.....	7	6	23	1	9	24	...	...	...
Tennessee.....	777	712	23,000	558	16,819	27,145	757	836	193
Tractor only.....	170	150	2,454	122	1,676	2,917	170	171	43
Tractor and electricity.....	11	10	1,370	10	539	1,430	11	20	5
Tractor and source other than electricity.....	20	16	1,001	16	1,159	1,550	20	30	6
Electricity only.....	74	61	1,689	64	1,725	1,815	74	83	18
Electricity and source other than tractor.....	16	15	683	13	528	790	16	33	11
Other motors and engines.....	466	440	15,686	320	11,146	18,527	466	499	105
No power required.....	20	20	117	13	46	116	...	...	5
Alabama.....	330	322	15,409	266	12,641	18,353	316	427	145
Tractor only.....	37	37	1,235	25	1,055	1,601	37	42	19
Tractor and electricity.....	8	7	521	8	578	622	8	20	4
Tractor and source other than electricity.....	9	9	327	9	448	450	9	21	7
Electricity only.....	69	67	1,700	64	2,020	2,157	69	97	22
Electricity and source other than tractor.....	14	14	948	14	1,091	1,181	14	43	11
Other motors and engines.....	179	174	10,106	137	7,208	11,758	179	204	78
No power required.....	13	13	122	8	66	134	...	...	4
Not reported.....	1	1	450	1	175	450	...	...	...
Mississippi.....	909	897	133,743	638	100,835	151,772	851	1,591	265
Tractor only.....	161	160	10,512	79	4,684	11,661	161	212	43
Tractor and electricity.....	63	63	21,514	60	17,595	23,417	63	208	18
Tractor and source other than electricity.....	68	68	12,043	56	9,918	14,783	68	174	24
Electricity only.....	183	182	44,518	160	34,069	46,858	183	341	29
Electricity and source other than tractor.....	63	62	23,692	55	20,200	29,787	63	264	23
Other motors and engines.....	313	308	20,151	198	13,923	23,912	313	392	98
No power required.....	52	51	664	28	432	705	...	...	30
Not reported.....	6	3	649	2	14	649	...	...	...