

## IRRIGATION IN HUMID AREAS

State Table 9.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY TENURE OF OPERATOR, BY STATES: 1960

State and tenure of farm operator	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Total, 30 States.....	29,777	11,033,788	1,865,178	16.8	15,480	1,727	4,822	4,360	985	5,044	15,252	32,948
Full owners.....	12,365	3,901,146	546,999	14.0	6,291	604	2,377	1,554	726	1,655	5,862	12,160
Part owners.....	9,534	4,645,140	779,820	16.8	5,705	688	1,482	1,727	147	951	5,419	12,677
Managers.....	889	1,267,269	161,365	12.7	494	95	201	85	48	108	434	1,259
Tenants.....	6,989	1,270,233	376,994	29.7	2,990	340	762	994	64	2,330	3,537	6,852
Maine.....	104	23,989	2,438	10.2	76	3	6	9	9	6	81	172
Full owners.....	58	13,256	1,115	8.4	41	...	4	3	7	4	42	61
Part owners.....	33	9,017	1,180	13.1	26	3	1	4	2	1	29	89
Managers.....	5	1,377	48	3.5	4	...	1	...	...	...	5	7
Tenants.....	8	339	95	28.0	5	...	...	...	...	1	5	15
New Hampshire.....	70	10,811	1,129	10.4	46	2	11	3	8	4	41	72
Full owners.....	41	4,194	317	7.6	22	...	10	2	6	2	23	31
Part owners.....	27	6,597	792	12.0	23	2	...	1	2	1	17	38
Managers.....	1	10	10	100.0	...	...	...	...	...	1	...	...
Tenants.....	1	10	10	100.0	1	...	1	...	...	...	1	3
Vermont.....	13	5,331	598	11.2	7	2	...	1	3	2	7	12
Full owners.....	9	3,355	435	13.0	5	1	...	1	2	2	4	7
Part owners.....	4	1,976	163	8.2	2	1	...	...	1	...	3	5
Managers.....	...	...	...	...	...	...	...	...	...	...	...	...
Tenants.....	...	...	...	...	...	...	...	...	...	...	...	...
Massachusetts.....	958	114,198	17,841	15.6	410	8	84	20	160	332	408	865
Full owners.....	784	70,126	10,329	14.7	302	5	62	14	134	302	303	609
Part owners.....	121	15,668	4,097	26.1	80	3	12	6	13	18	80	159
Managers.....	32	27,462	3,040	11.1	19	...	10	...	8	5	16	82
Tenants.....	21	942	375	39.8	9	...	...	...	5	7	9	15
Rhode Island.....	26	4,066	305	7.5	15	...	4	3	4	1	16	22
Full owners.....	10	325	89	27.4	7	...	...	2	...	...	5	6
Part owners.....	12	1,166	139	11.9	7	...	4	...	1	...	9	13
Managers.....	2	2,505	49	2.0	1	...	...	...	1	...	...	...
Tenants.....	2	70	28	40.0	...	...	...	...	1	...	2	3
Connecticut.....	173	28,181	4,393	15.6	118	3	24	7	7	22	117	241
Full owners.....	81	10,411	1,820	17.5	49	2	18	4	4	9	48	92
Part owners.....	71	15,537	2,097	13.5	56	1	4	3	2	8	57	125
Managers.....	6	1,570	229	14.6	4	...	1	...	...	1	4	12
Tenants.....	15	663	247	37.3	9	...	...	...	1	4	8	12
New York.....	1,217	186,735	50,541	27.1	694	183	172	40	86	145	428	827
Full owners.....	553	50,677	14,383	28.4	265	61	113	14	56	66	168	272
Part owners.....	522	116,025	29,430	25.4	354	94	50	26	15	57	217	478
Managers.....	24	10,029	506	5.0	7	2	5	...	5	6	9	16
Tenants.....	118	10,004	6,222	62.2	68	26	4	...	10	16	34	61
New Jersey.....	1,632	244,249	69,301	28.4	1,114	61	275	67	65	180	828	1,538
Full owners.....	843	100,394	21,672	21.6	515	19	155	26	50	119	389	722
Part owners.....	628	104,325	33,842	32.4	487	31	102	32	9	42	356	681
Managers.....	20	8,993	1,327	14.8	9	1	4	...	...	6	9	19
Tenants.....	141	30,537	12,460	40.8	103	10	14	9	6	13	74	116
Pennsylvania.....	449	117,100	7,570	6.5	243	15	116	41	25	38	246	397
Full owners.....	274	41,457	3,362	8.1	136	6	88	21	14	25	150	224
Part owners.....	125	39,222	3,140	8.0	78	7	15	17	7	10	73	139
Managers.....	19	34,109	708	2.1	12	4	1	2	2	2	12	19
Tenants.....	31	2,312	360	15.6	17	1	9	2	1	1	11	15
Ohio.....	450	62,579	9,153	14.6	192	6	176	26	40	39	211	324
Full owners.....	255	18,634	3,453	18.5	99	2	108	10	32	18	119	173
Part owners.....	145	30,966	5,046	16.3	71	4	50	15	5	14	73	118
Managers.....	20	8,444	272	3.2	4	...	13	...	...	3	9	15
Tenants.....	30	4,535	382	8.4	18	...	5	1	3	4	10	18
Indiana.....	330	96,044	13,429	14.0	167	24	95	41	6	19	115	214
Full owners.....	178	33,049	3,767	11.4	77	11	65	19	5	8	59	109
Part owners.....	110	44,045	8,174	18.6	67	13	17	17	1	7	43	86
Managers.....	14	12,643	718	5.7	6	...	7	1	...	2	5	6
Tenants.....	28	6,307	770	12.2	17	...	6	4	...	2	8	13
Illinois.....	199	50,750	6,923	13.6	93	14	41	39	14	18	67	152
Full owners.....	99	13,952	2,630	18.9	46	3	22	16	10	8	36	82
Part owners.....	74	25,637	3,449	13.5	38	6	15	17	2	5	22	45
Managers.....	2	750	135	18.0	1	...	...	...	...	...	2	10
Tenants.....	24	10,411	709	6.8	8	3	4	6	2	5	7	15
Michigan.....	1,417	267,913	31,418	11.7	919	31	304	153	27	82	722	1,121
Full owners.....	912	111,619	16,144	14.5	597	13	211	102	20	57	440	655
Part owners.....	459	125,325	14,035	11.2	336	17	83	47	6	19	261	439
Managers.....	18	27,455	789	2.9	11	...	6	...	...	2	6	9
Tenants.....	28	3,514	450	12.8	15	1	4	4	1	4	15	18
Wisconsin.....	479	265,040	28,239	10.7	260	44	55	74	57	33	272	610
Full owners.....	316	136,808	12,010	8.8	156	26	35	51	50	21	183	409
Part owners.....	116	72,380	12,629	17.4	79	14	11	11	4	7	65	138
Managers.....	29	52,738	2,771	5.3	16	3	4	2	2	5	17	53
Tenants.....	18	3,114	829	26.6	9	1	5	3	1	...	7	10
Minnesota.....	335	66,093	12,266	18.6	161	21	82	58	7	37	65	85
Full owners.....	199	23,817	4,506	18.9	87	10	58	22	5	28	37	48
Part owners.....	113	34,680	6,858	19.8	63	11	19	34	2	4	26	35
Managers.....	12	5,728	459	8.0	6	...	3	...	...	3	1	1
Tenants.....	11	1,868	443	23.7	5	...	2	2	...	2	1	1

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State and tenure of farm operator	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Constructed reservoirs		
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power	Farms not reporting type of power	Farms reporting	Number
Iowa.....	218	73,722	13,765	18.7	100	16	29	62	9	12	34	70
Full owners.....	73	15,214	3,328	21.9	30	3	14	22	3	7	12	27
Part owners.....	85	34,236	6,381	18.6	38	6	11	25	4	4	15	25
Managers.....	4	3,014	92	3.1	2	1	1	...	...	...	2	2
Tenants.....	56	21,258	3,964	18.6	30	6	3	15	2	1	5	16
Missouri.....	409	158,914	23,512	14.8	210	12	84	36	46	44	105	218
Full owners.....	193	60,745	8,127	13.4	81	6	50	16	29	21	58	120
Part owners.....	125	67,538	9,521	14.1	75	3	20	14	9	11	30	68
Managers.....	15	6,426	813	12.7	8	2	4	...	2	1	6	14
Tenants.....	76	24,205	5,051	20.9	46	1	10	6	6	11	11	16
Delaware.....	110	43,660	9,705	22.2	78	16	12	8	...	5	79	143
Full owners.....	56	14,187	4,736	33.4	39	8	9	2	...	3	36	56
Part owners.....	47	27,857	4,585	16.5	35	7	2	5	...	2	38	78
Managers.....	2	875	95	10.9	2	...	...	...	...	...	1	5
Tenants.....	5	741	289	39.0	2	1	1	1	...	...	4	4
Maryland.....	223	76,379	8,051	10.5	149	11	31	23	10	13	160	510
Full owners.....	104	33,215	3,044	9.2	57	3	27	10	8	7	69	144
Part owners.....	94	34,729	3,679	10.6	71	7	4	11	1	5	74	135
Managers.....	7	2,702	133	4.9	6	...	...	...	...	...	5	9
Tenants.....	18	5,733	1,195	20.8	15	1	...	2	1	1	12	222
Virginia.....	1,554	442,085	26,519	6.0	813	78	70	339	9	302	1,184	2,326
Full owners.....	510	186,855	6,633	3.5	299	23	45	109	6	48	386	786
Part owners.....	489	177,871	12,713	7.1	289	22	20	140	2	39	417	900
Managers.....	39	25,267	1,258	5.0	27	4	2	9	...	2	34	76
Tenants.....	516	52,092	5,915	11.4	198	29	3	81	1.4	213	347	564
West Virginia.....	21	7,129	358	5.0	13	1	4	...	1	2	7	12
Full owners.....	14	3,200	189	5.9	8	...	3	...	1	2	3	6
Part owners.....	5	3,346	165	4.9	4	1	...	...	...	...	3	5
Managers.....	1	465	3	0.6	1	...	...	...	...	...	1	1
Tenants.....	1	118	1	0.8	...	...	1	...	...	...	...	...
North Carolina.....	6,255	1,024,823	58,573	5.7	3,076	233	109	1,493	7	1,529	5,098	10,911
Full owners.....	1,696	329,331	15,827	4.8	982	53	52	449	4	214	1,407	2,959
Part owners.....	1,955	464,562	23,614	5.1	1,071	77	38	580	2	264	1,708	4,308
Managers.....	79	61,041	1,219	2.0	53	7	4	15	...	7	72	191
Tenants.....	2,525	169,889	17,913	10.5	970	96	15	449	1	1,044	1,911	3,453
South Carolina.....	1,051	367,851	21,786	5.9	501	84	64	116	6	323	871	2,063
Full owners.....	340	134,649	9,013	6.7	188	30	34	48	3	56	290	750
Part owners.....	320	154,064	8,854	5.7	184	40	15	49	2	46	280	760
Managers.....	35	58,321	1,551	2.7	22	6	3	3	1	3	32	121
Tenants.....	356	20,817	2,368	11.4	107	8	12	16	...	218	269	432
Georgia.....	1,817	803,298	31,792	4.0	965	127	105	306	9	389	1,404	3,406
Full owners.....	708	345,928	12,287	3.6	403	41	63	129	7	99	551	1,306
Part owners.....	594	319,014	13,342	4.2	345	53	27	114	2	85	503	1,369
Managers.....	53	81,165	2,361	2.9	28	9	8	11	...	5	44	124
Tenants.....	462	57,191	3,802	6.6	189	24	7	52	...	200	306	607
Florida.....	3,155	2,307,129	413,716	17.9	1,411	328	762	137	316	530	658	1,624
Full owners.....	1,901	955,540	146,689	15.4	731	145	532	75	239	344	357	737
Part owners.....	758	892,129	149,512	16.8	434	94	146	34	39	105	191	505
Managers.....	209	386,962	75,269	19.5	100	37	45	12	22	33	58	188
Tenants.....	287	72,498	42,246	58.3	146	52	39	16	16	48	52	194
Kentucky.....	724	253,065	6,477	2.6	350	11	49	205	12	113	394	1,022
Full owners.....	297	97,900	2,264	2.3	135	8	30	98	6	27	169	446
Part owners.....	215	86,738	1,860	2.1	110	...	13	73	3	21	133	324
Managers.....	34	36,406	1,128	3.1	19	2	2	3	3	7	19	82
Tenants.....	178	32,021	1,225	3.8	86	1	4	31	...	58	73	170
Tennessee.....	583	173,588	9,582	5.5	284	26	57	148	6	92	229	648
Full owners.....	281	68,723	4,514	6.6	149	16	33	69	5	24	101	265
Part owners.....	180	70,371	2,700	3.8	83	6	20	59	1	22	95	304
Managers.....	20	19,424	1,392	7.2	15	1	1	2	...	3	8	28
Tenants.....	102	15,070	976	6.5	37	3	3	18	...	43	25	51
Alabama.....	232	189,199	13,842	7.3	102	22	76	21	5	27	115	254
Full owners.....	97	54,284	4,456	8.2	33	6	49	6	2	7	47	95
Part owners.....	78	73,738	5,045	6.8	43	12	13	13	1	8	48	125
Managers.....	21	52,254	2,687	5.1	9	2	10	...	...	2	8	16
Tenants.....	36	8,923	1,654	18.5	17	2	4	2	2	10	12	18
Mississippi.....	651	803,393	135,400	16.9	348	51	184	83	6	98	154	431
Full owners.....	217	253,738	42,233	16.6	122	15	64	30	4	26	61	206
Part owners.....	249	322,306	60,747	18.8	137	28	75	34	1	23	66	146
Managers.....	59	161,893	15,956	9.9	38	3	16	7	...	4	15	65
Tenants.....	126	65,456	16,464	25.2	51	5	29	12	1	45	12	14
Arkansas.....	4,922	2,816,474	836,556	29.7	2,565	294	1,741	801	25	607	1,136	2,658
Full owners.....	1,266	715,563	187,627	26.2	670	88	423	184	12	101	309	757
Part owners.....	1,780	1,274,075	352,031	27.6	1,019	125	695	339	8	123	487	1,037
Managers.....	107	177,241	46,347	26.1	64	12	47	19	1	5	34	88
Tenants.....	1,769	649,595	250,551	38.6	812	69	576	259	4	378	306	776