

## IRRIGATION IN HUMID AREAS

Table I.—FARMS REPORTING ACRES IRRIGATED AND COST OF IRRIGATION SYSTEMS, FOR FARMS REPORTING COST OF IRRIGATION SYSTEMS BY SOURCE OF WATER, METHOD OF IRRIGATION, AND LARGEST ACREAGE IRRIGATED, FOR THE 28 STATES: 1955 —Continued

Item	Number of farms	Largest acreage in any year	Total cost			Cost of irrigation equipment			Cost of leveling and ditching			Cost of constructing reservoirs, etc., for storing water and for drilling wells					
			Dollars	Per farm (dollars)	Per largest acreage irrigated (dollars)	Farms reporting	Dollars	Per farm reporting (dollars)	Per largest acreage irrigated (dollars)	Farms reporting	Dollars	Per farm reporting (dollars)	Per largest acreage irrigated (dollars)	Farms reporting	Dollars	Per farm reporting (dollars)	Per largest acreage irrigated (dollars)
Farms reporting source of water as all other sources—Continued																	
Ditches only.....	5	92	4,880	976	53	5	3,090	618	34	4	320	80	3.48	5	1,470	294	15.98
1 to 9 acres irrigated.....	2	6	1,650	825	275	2	950	475	158	1	200	200	33.33	2	500	250	83.33
10 to 19 acres irrigated.....	2	21	2,480	1,240	118	2	1,790	895	85	2	70	35	3.33	2	620	310	29.52
20 to 29 acres irrigated.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 to 49 acres irrigated.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 to 99 acres irrigated.....	1	65	750	750	12	1	350	350	5	1	50	50	0.77	1	350	350	5.38
100 to 199 acres irrigated.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200 to 499 acres irrigated.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
500 to 999 acres irrigated.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,000 acres and over.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acres irrigated not reported.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Flooding and combinations with other methods.....																	
1 to 9 acres irrigated.....	14	5,598	196,637	14,046	35	14	116,767	8,340	21	12	26,120	2,177	4.67	9	53,750	5,972	9.60
10 to 19 acres irrigated.....	1	3	50	50	17	1	50	50	17	...	...	...	...	...	...	...	...
20 to 29 acres irrigated.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 to 49 acres irrigated.....	2	63	3,220	1,610	51	2	3,170	1,585	50	1	50	50	0.79	...	...	...	...
50 to 99 acres irrigated.....	1	91	1,645	1,645	18	1	645	645	7	1	350	350	3.85	1	650	650	7.14
100 to 199 acres irrigated.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200 to 499 acres irrigated.....	5	1,602	69,000	13,800	43	5	43,400	8,680	27	5	12,500	2,500	7.80	3	13,100	4,367	8.18
500 to 999 acres irrigated.....	4	2,539	78,222	19,556	31	4	49,460	12,365	19	4	7,220	1,805	2.84	4	21,542	5,386	8.48
1,000 acres and over.....	1	1,300	44,500	44,500	34	1	20,042	20,042	15	1	6,000	6,000	4.62	1	18,458	18,458	14.20
Acres irrigated not reported.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All other methods and combinations of methods except flooding.....																	
1 to 9 acres irrigated.....	153	20,535	1,525,517	9,971	74	153	829,068	5,419	40	62	182,675	2,946	8.90	95	513,774	5,408	25.02
10 to 19 acres irrigated.....	61	224	72,260	1,185	323	61	59,003	967	263	10	2,565	256	11.45	23	10,692	465	47.73
20 to 29 acres irrigated.....	16	207	83,607	5,225	404	16	65,637	4,102	317	5	5,450	1,090	26.33	5	12,520	2,504	60.48
30 to 49 acres irrigated.....	7	149	23,940	3,420	161	7	17,890	2,556	120	1	2,500	2,500	16.78	5	3,550	710	23.83
50 to 99 acres irrigated.....	22	1,061	198,709	9,032	187	22	144,684	6,577	136	7	4,025	575	3.79	17	50,000	2,941	47.13
100 to 199 acres irrigated.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200 to 499 acres irrigated.....	13	1,908	62,888	4,838	33	13	26,333	2,026	14	12	12,713	1,059	6.66	12	23,842	1,987	12.50
500 to 999 acres irrigated.....	22	6,250	350,839	15,947	56	22	235,307	10,696	38	18	41,162	2,287	6.59	22	74,370	3,380	11.90
1,000 acres and over.....	9	5,639	416,864	46,318	74	9	113,584	12,620	7	7	76,480	10,926	13.56	9	226,800	25,200	40.22
Acres irrigated not reported.....	2	5,097	316,400	158,200	62	2	166,620	83,310	33	2	37,780	18,890	7.41	2	112,000	56,000	21.97
1	...	...	10	10	...	1	10	10	...	...	...	...	...	...	...	...	...

Table II.—YEAR IRRIGATION BEGAN, SOURCE OF WATER, COST OF IRRIGATION FOR FARMS REPORTING COST OF IRRIGATION SYSTEMS AND USE OF CONSTRUCTED RESERVOIRS, BY LARGEST ACREAGE IRRIGATED, FOR THE 28 STATES: 1955

Item	Total	Farms reporting largest acreage irrigated in any year as—									
		1 to 9 acres	10 to 19 acres	20 to 29 acres	30 to 49 acres	50 to 99 acres	100 to 199 acres	200 to 499 acres	500 to 999 acres	1,000 acres and over	Acres not reported
Farms reporting.....	3,165	765	637	474	474	463	214	88	19	3	28
Largest acreage irrigated.....	141,825	3,982	8,491	11,019	17,348	29,730	27,581	26,744	14,865	2,065	...
Farms reporting by year began irrigation:											
1954 to 1955.....	1,429	411	325	212	184	181	77	30	3	...	6
1951 to 1953.....	1,007	214	199	147	162	159	74	36	9	1	6
1946 to 1950.....	729	140	113	115	128	123	63	22	7	2	16
Farms reporting by source of water:											
Wells only.....	142	29	21	13	16	24	21	11	3	1	3
Streams only.....	1,106	180	209	177	199	201	90	40	2	1	7
Lakes only.....	49	16	9	10	10	4	...	...	...	...	...
Springs only.....	1,277	434	318	183	164	125	34	8	...	...	11
All other sources.....	591	106	80	91	85	109	69	29	14	1	7
Total cost.....dollars...											
Irrigation equipment.....dollars...	21,354,549	1,908,096	2,602,231	2,427,743	3,185,546	4,377,425	3,077,234	2,286,409	1,189,654	88,500	211,711
Leveling and ditching.....dollars...	15,107,853	1,283,908	1,840,846	1,660,620	2,195,782	3,298,331	2,266,588	1,711,839	636,954	59,500	153,485
Constructing reservoirs, etc., for storing water and for drilling wells.....dollars...	397,618	22,613	21,430	26,231	38,637	51,759	70,785	52,745	107,033	5,000	1,385
Average cost per farm:	5,849,078	601,575	739,955	740,892	951,127	1,027,335	739,861	521,825	445,667	24,000	56,841
Total cost.....dollars...	6,747	2,494	4,085	5,122	6,721	9,454	14,380	25,982	62,613	29,500	7,561
Irrigation equipment.....dollars...	4,773	1,678	2,890	3,503	4,632	7,124	10,592	19,453	33,524	19,833	5,482
Leveling and ditching.....dollars...	126	30	34	55	82	112	331	599	5,633	1,667	49
Constructing reservoirs, etc., for storing water and for drilling wells.....dollars...	1,848	786	1,162	1,563	2,007	2,219	3,457	5,930	23,456	8,000	2,030
Average cost per largest acreage irrigated:											
Total cost.....dollars...	151	479	306	220	184	147	112	85	80	43	...
Irrigation equipment.....dollars...	107	322	217	151	127	111	82	64	43	29	...
Leveling and ditching.....dollars...	2.80	5.68	2.52	2.38	2.23	1.74	2.57	1.97	7.20	2.42	...
Constructing reservoirs, etc., for storing water and for drilling wells.....dollars...	41.24	151.07	87.15	67.24	54.83	34.56	26.83	19.51	29.98	11.62	...