

Table 22. Methods Used in Deciding When to Irrigate: 2013

[Excludes institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text]

Geographic area	All farms	Farms reporting method used ¹										
		Any method	Condition of crop	Feel of soil	Soil moisture sensing device	Plant moisture sensing device	Commercial or government scheduling service	Reports on daily crop-water evapo-transpiration (ET)	Scheduled by water delivery organization	Personal calendar schedule	Computer simulation models	When neighbors begin to irrigate
United States	229,237	229,237	179,490	90,361	22,656	3,669	17,982	17,815	37,301	49,048	1,915	13,717
Alabama	1,022	1,022	919	426	70	1	34	41	6	168	2	6
Alaska	181	181	150	94	15	7	-	-	-	16	-	-
Arizona	4,380	4,380	3,171	1,964	174	21	356	288	694	1,029	5	68
Arkansas	4,212	4,212	3,978	1,452	222	53	186	140	31	707	35	234
California	44,347	44,347	33,163	18,097	7,429	2,127	3,132	5,206	5,344	14,922	715	3,673
Colorado	12,501	12,501	8,270	4,229	673	78	1,058	487	5,493	1,946	29	1,469
Connecticut	715	715	641	340	33	11	3	22	3	71	3	20
Delaware	396	396	354	192	60	10	39	44	2	73	16	30
Florida	8,120	8,120	6,865	2,971	803	181	468	351	127	1,165	171	138
Georgia	3,545	3,545	3,128	1,401	309	22	237	233	7	432	27	75
Hawaii	1,919	1,919	1,628	650	53	11	21	29	35	489	15	33
Idaho	14,092	14,092	10,025	5,867	521	61	1,208	814	5,168	4,124	5	728
Illinois	1,807	1,807	1,692	801	104	14	62	134	9	196	18	111
Indiana	1,893	1,893	1,770	845	151	29	53	192	7	197	13	161
Iowa	1,090	1,090	1,007	502	128	6	18	90	5	142	6	56
Kansas	5,243	5,243	4,340	1,646	596	50	1,525	900	130	542	55	66
Kentucky	1,212	1,212	1,046	465	80	9	8	12	8	179	-	30
Louisiana	2,130	2,130	1,936	695	62	17	80	65	13	321	18	31
Maine	946	946	818	352	19	11	43	1	-	126	1	-
Maryland	890	890	817	524	86	11	9	38	5	135	7	17
Massachusetts	1,398	1,398	1,233	739	122	-	31	82	7	140	13	19
Michigan	3,662	3,662	3,172	2,111	318	28	146	438	13	626	65	82
Minnesota	2,162	2,162	1,924	1,135	246	34	208	299	20	273	34	123
Mississippi	1,843	1,843	1,684	842	203	6	98	92	6	274	10	104
Missouri	2,569	2,569	2,436	1,159	162	22	152	179	12	383	33	142
Montana	7,384	7,384	5,674	2,393	446	26	376	187	1,959	1,789	11	693
Nebraska	15,747	15,747	13,491	6,957	3,599	45	2,549	3,792	1,449	1,496	113	619
Nevada	2,149	2,149	1,170	578	53	12	230	80	923	488	8	246
New Hampshire	528	528	483	262	32	1	-	2	-	88	1	-
New Jersey	1,255	1,255	1,118	569	175	36	7	22	5	149	1	11
New Mexico	8,733	8,733	4,988	2,659	203	20	1,239	255	2,934	1,569	2	1,586
New York	1,936	1,936	1,836	952	146	2	12	73	10	247	6	16
North Carolina	2,710	2,710	2,403	1,286	106	10	6	149	22	410	15	15
North Dakota	533	533	435	298	56	11	65	70	20	97	10	23
Ohio	1,453	1,453	1,322	688	92	17	11	27	5	164	-	4
Oklahoma	1,672	1,672	1,467	648	181	4	131	136	24	334	1	42
Oregon	12,299	12,299	8,923	4,355	999	156	776	649	2,899	3,065	26	417
Pennsylvania	3,126	3,126	2,865	1,278	128	3	14	63	2	333	8	62
Rhode Island	294	294	272	168	4	12	-	14	-	40	-	-
South Carolina	1,046	1,046	940	418	67	7	38	29	7	182	7	2
South Dakota	1,274	1,274	1,091	550	121	14	45	103	88	218	-	66
Tennessee	1,108	1,108	988	349	95	9	23	35	10	185	12	18
Texas	13,259	13,259	11,494	5,695	1,289	217	559	869	549	2,795	37	426
Utah	10,357	10,357	6,137	2,215	370	159	2,060	272	5,223	2,532	135	706
Vermont	567	567	494	326	14	2	-	17	3	74	-	-
Virginia	1,342	1,342	1,214	614	114	7	11	26	12	298	18	10
Washington	10,575	10,575	8,247	4,444	1,236	55	295	359	2,161	2,001	181	586
West Virginia	297	297	261	148	24	3	3	9	3	31	3	3
Wisconsin	2,427	2,427	2,226	1,288	387	21	98	333	10	388	21	81
Wyoming	4,891	4,891	3,784	1,724	80	-	259	67	1,838	1,399	3	669
Water Resources Regions												
Region 01 New England	4,098	4,098	3,632	1,949	215	37	77	124	10	490	18	39
Region 02 Mid-Atlantic	7,325	7,325	6,716	3,491	630	67	82	229	20	1,078	50	142
Region 03 South Atlantic-Gulf	16,745	16,745	14,506	6,548	1,376	221	799	821	165	2,401	224	288
Region 04 Great Lakes	6,462	6,462	5,806	3,459	550	43	188	667	27	943	75	144
Region 05 Ohio	4,554	4,554	4,077	1,941	262	47	38	119	30	541	27	121
Region 06 Tennessee	1,139	1,139	1,011	420	62	5	11	19	20	165	-	13
Region 07 Upper Mississippi	6,665	6,665	6,141	3,335	756	65	362	752	33	920	61	382
Region 08 Lower Mississippi	7,682	7,682	7,109	2,849	534	71	430	342	39	1,267	83	335
Region 09 Souris-Red-Rainy	466	466	374	254	41	8	49	46	15	52	10	11
Region 10 Missouri	33,574	33,574	27,877	13,456	5,010	229	3,896	4,908	5,545	5,031	159	2,044
Region 11 Arkansas-White-Red	10,446	10,446	8,285	3,819	833	43	1,465	983	1,270	1,594	87	206
Region 12 Texas-Gulf	10,567	10,567	9,030	4,560	1,040	208	359	619	229	2,417	24	461
Region 13 Rio Grande	9,195	9,195	5,524	2,906	221	16	1,176	344	3,297	1,158	2	1,811
Region 14 Upper Colorado	10,352	10,352	6,695	3,308	498	124	1,458	157	4,402	2,722	108	1,150
Region 15 Lower Colorado	5,092	5,092	3,488	1,836	174	21	430	293	1,139	1,315	5	124
Region 16 Great Basin	9,441	9,441	5,206	2,025	203	47	2,106	263	4,924	2,131	40	640
Region 17 Pacific Northwest	38,443	38,443	28,759	15,211	2,735	272	1,881	1,892	10,514	9,239	212	2,073
Region 18 California	44,891	44,891	33,476	18,250	7,448	2,127	3,154	5,208	5,587	15,079	715	3,700
Region 19 Alaska	181	181	150	94	15	7	-	-	-	16	-	-
Region 20 Hawaii	1,919	1,919	1,628	650	53	11	21	29	35	489	15	33

¹ Respondents could choose more than one method.