

Table 36. Methods Used in Deciding When to Irrigate: 2008 and 2003

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

Geographic area	All farms	Farms reporting method used ¹											Other
		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	206,834	206,834	160,636	88,080	17,874	3,553	16,625	18,862	24,322	51,986	2,859	14,213	18,033
2008 ..	210,106	210,106	166,858	73,154	14,233	3,078	13,461	15,177	26,200	40,644	1,201	14,048	18,802
2003 ..													
2008 DATA													
Alabama	665	665	563	244	57	8	23	25	7	135	9	24	79
Alaska	23	23	20	21	3	2	-	1	-	7	3	3	3
Arizona	2,997	2,997	2,023	901	68	7	110	54	523	1,279	4	124	186
Arkansas	4,119	4,119	3,863	1,632	273	103	269	305	20	853	41	196	369
California	45,136	45,136	29,829	20,432	6,400	1,419	4,367	5,566	4,727	14,427	1,225	2,767	2,474
Colorado	12,778	12,778	9,574	4,923	335	39	1,236	862	3,518	3,334	42	1,493	1,018
Connecticut	147	147	119	73	1	1	-	-	-	21	-	11	15
Delaware	309	309	263	149	78	7	41	23	1	59	1	19	24
Florida	5,250	5,250	4,551	2,077	552	23	246	247	53	898	38	300	588
Georgia	3,584	3,584	3,099	1,436	382	146	132	247	9	540	104	205	369
Hawaii	1,077	1,077	926	454	25	2	31	23	21	228	17	-	194
Idaho	13,834	13,834	10,779	5,056	680	323	744	723	2,481	4,171	297	797	1,823
Illinois	1,091	1,091	994	610	108	1	22	88	21	163	1	100	89
Indiana	1,089	1,089	981	533	101	12	27	90	6	187	12	105	70
Iowa	527	527	487	270	32	3	8	61	7	93	7	70	38
Kansas	4,508	4,508	3,959	1,888	558	121	1,116	660	118	495	101	232	664
Kentucky	822	822	740	395	70	-	18	32	-	134	1	70	65
Louisiana	1,692	1,692	1,544	450	53	29	49	61	18	372	8	33	107
Maine	196	196	191	146	53	28	3	4	2	13	1	1	7
Maryland	597	597	562	301	95	1	11	12	-	83	5	21	36
Massachusetts	677	677	556	518	136	5	47	63	-	171	2	27	99
Michigan	2,121	2,121	1,881	1,114	164	29	88	273	2	602	20	86	151
Minnesota	1,546	1,546	1,384	930	135	16	126	315	24	205	5	119	104
Mississippi	1,277	1,277	1,117	565	108	1	32	228	2	186	5	52	72
Missouri	1,877	1,877	1,763	863	74	34	132	120	14	257	19	81	81
Montana	8,507	8,507	6,982	3,449	198	46	409	193	1,452	2,450	34	1,023	929
Nebraska	14,812	14,812	13,207	8,920	2,109	323	2,962	4,413	901	1,717	170	1,370	1,296
Nevada	1,734	1,734	1,280	562	16	9	37	27	441	398	13	225	216
New Hampshire	86	86	72	65	8	-	3	-	-	12	-	-	3
New Jersey	608	608	536	344	114	6	24	36	6	93	8	19	49
New Mexico	8,878	8,878	6,577	3,231	206	8	410	31	2,184	3,099	21	739	1,242
New York	596	596	533	358	61	2	5	23	32	64	2	12	59
North Carolina	1,975	1,975	1,790	891	71	42	75	79	16	313	-	27	290
North Dakota	601	601	471	358	61	7	53	111	26	142	11	55	40
Ohio	379	379	334	180	44	-	2	9	-	75	-	12	36
Oklahoma	1,454	1,454	1,247	579	114	4	46	73	17	261	5	20	155
Oregon	12,156	12,156	8,588	4,331	1,158	250	1,137	951	2,005	4,208	169	975	1,332
Pennsylvania	1,090	1,090	1,043	553	88	3	26	36	-	159	1	27	106
Rhode Island	61	61	60	39	13	-	-	-	-	10	-	-	-
South Carolina	712	712	681	314	81	5	11	26	-	144	1	17	51
South Dakota	1,165	1,165	992	620	96	3	20	73	50	137	7	105	96
Tennessee	582	582	483	304	22	3	10	36	3	128	7	20	39
Texas	12,673	12,673	11,325	5,003	653	98	426	1,149	78	2,125	38	470	1,133
Utah	10,876	10,876	7,249	2,372	232	157	941	188	3,706	1,942	139	473	468
Vermont	66	66	57	60	1	-	-	-	-	6	-	4	16
Virginia	657	657	518	281	82	9	61	10	-	53	1	7	13
Washington	12,712	12,712	9,568	6,746	1,714	193	557	991	960	4,126	243	866	1,124
West Virginia	90	90	73	34	2	-	-	-	-	16	-	-	5
Wisconsin	1,261	1,261	1,139	835	153	23	78	217	2	168	21	54	84
Wyoming	5,164	5,164	4,063	1,670	36	2	454	104	869	1,227	-	757	526
Water Resources Regions													
Region 01 New England	1,188	1,188	1,019	862	211	34	53	70	2	227	3	39	128
Region 02 Mid-Atlantic	3,200	3,200	2,857	1,576	434	28	149	127	39	422	18	105	150
Region 03 South Atlantic-Gulf	12,428	12,428	10,951	5,143	1,209	224	501	688	85	2,007	152	572	1,390
Region 04 Great Lakes	3,152	3,152	2,768	1,717	275	38	132	390	5	748	37	142	243
Region 05 Ohio	2,056	2,056	1,868	1,022	209	5	22	89	9	378	4	115	228
Region 06 Tennessee	527	527	422	219	13	-	8	16	-	131	-	13	41
Region 07 Upper Mississippi	3,863	3,863	3,485	2,285	379	41	213	550	26	549	23	308	270
Region 08 Lower Mississippi	7,341	7,341	6,779	2,854	434	157	395	547	56	1,549	76	329	486
Region 09 Souris-Red-Rainy	400	400	316	222	42	2	43	107	17	58	8	25	24
Region 10 Missouri	32,727	32,727	28,626	16,573	2,951	456	4,650	5,558	3,929	5,945	284	3,792	3,033
Region 11 Arkansas-White-Red ..	10,336	10,336	8,176	3,464	807	117	1,301	916	1,067	973	83	406	1,120
Region 12 Texas-Gulf	10,224	10,224	9,096	4,406	437	64	250	884	69	1,499	23	422	875
Region 13 Rio Grande	8,031	8,031	5,993	2,689	89	19	277	228	1,793	3,103	38	225	819
Region 14 Upper Colorado	10,771	10,771	7,843	3,993	45	5	556	101	2,660	3,300	-	1,309	1,296
Region 15 Lower Colorado	3,551	3,551	2,348	914	135	8	121	64	680	1,341	16	125	244
Region 16 Great Basin	10,157	10,157	7,131	2,316	226	170	852	215	3,380	2,015	140	669	518
Region 17 Pacific Northwest	40,017	40,017	30,027	16,758	3,544	762	2,533	2,708	5,341	13,030	709	2,695	4,485
Region 18 California	45,765	45,765	29,985	20,592	6,406	1,418	4,538	5,580	5,142	14,476	1,225	2,919	2,486
Region 19 Alaska	23	23	20	21	3	2	-	-	-	7	3	3	3
Region 20 Hawaii	1,077	1,077	926	454	25	2	31	23	21	228	17	-	194

¹ Respondents could choose more than one method.