

**Table 36. Methods Used in Deciding When to Irrigate: 2003 and 1998**

[Excludes abnormal and horticultural specialty farms. For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms	Farms reporting method used <sup>1</sup>											
		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	Other
U.S. TOTAL . . . . . 2003 . . . . . 1998 . . . . .	220,163 223,932	220,163 220,770	175,560 163,303	76,731 90,434	14,452 17,869	3,193 (NA)	14,190 7,238	15,323 10,841	26,537 22,567	42,551 40,338	1,285 2,237	14,080 (NA)	19,298 15,601
<b>2003 DATA</b>													
Alabama	578	578	523	231	32	3	3	18	-	75	-	5	22
Alaska	73	73	70	43	11	4	4	4	4	12	4	5	1
Arizona	2,777	2,777	2,073	766	100	11	81	62	273	1,138	7	5	241
Arkansas	4,834	4,834	4,482	1,268	153	31	362	204	44	772	109	334	232
California	46,841	46,841	33,110	16,667	4,592	1,419	2,523	3,936	5,367	12,745	327	1,895	2,647
Colorado	11,567	11,567	8,858	2,908	480	55	1,141	987	2,989	1,505	13	1,000	1,576
Connecticut	234	234	217	110	2	-	-	2	-	21	-	-	24
Delaware	213	213	190	122	17	-	12	6	4	25	7	14	13
Florida	8,335	8,335	7,592	2,270	866	2	150	191	16	671	5	514	745
Georgia	2,847	2,847	2,556	966	114	22	71	185	15	371	36	61	77
Hawaii	1,214	1,214	1,096	359	33	5	9	28	11	167	5	9	101
Idaho	14,303	14,303	11,375	5,026	364	61	1,264	479	3,136	3,696	25	1,423	1,493
Illinois	1,195	1,195	1,150	622	34	6	19	68	4	164	7	86	89
Indiana	1,193	1,193	1,103	604	54	4	15	65	3	138	9	102	95
Iowa	709	709	655	381	32	1	15	48	4	132	-	34	27
Kansas	4,878	4,878	4,299	1,429	459	73	970	650	64	425	41	100	1,036
Kentucky	943	943	790	389	67	-	2	24	7	67	-	44	19
Louisiana	2,280	2,280	2,187	450	83	25	84	47	21	223	25	134	187
Maine	507	507	466	277	19	-	4	7	-	44	34	34	11
Maryland	509	509	426	300	52	-	14	14	-	15	-	7	41
Massachusetts	842	842	748	321	93	33	78	42	5	132	-	34	154
Michigan	2,366	2,366	2,200	1,371	150	15	100	301	8	378	39	93	170
Minnesota	1,639	1,639	1,492	980	141	26	91	256	24	147	23	174	147
Mississippi	1,567	1,567	1,526	693	52	3	26	84	4	136	9	409	69
Missouri	1,966	1,966	1,842	730	38	6	72	118	-	230	24	133	111
Montana	8,625	8,625	7,639	2,575	422	15	215	279	1,168	1,873	5	1,260	1,002
Nebraska	16,278	16,278	14,151	7,921	1,369	132	2,257	3,015	577	1,735	20	1,869	1,991
Nevada	1,722	1,722	1,302	604	25	4	97	34	239	484	5	151	142
New Hampshire	161	161	142	106	10	-	-	6	-	20	-	-	13
New Jersey	807	807	752	500	96	9	9	30	5	80	1	10	32
New Mexico	6,741	6,741	4,184	1,537	114	70	670	48	2,042	1,753	29	361	577
New York	1,284	1,284	1,153	402	53	63	9	31	9	56	14	29	185
North Carolina	2,281	2,281	2,041	878	42	-	77	129	-	259	3	17	367
North Dakota	541	541	466	292	51	10	54	73	16	63	6	32	54
Ohio	670	670	605	367	37	-	-	18	-	79	-	16	55
Oklahoma	1,819	1,819	1,619	411	45	9	67	38	7	269	-	134	364
Oregon	14,205	14,205	10,710	4,457	398	33	505	202	1,292	3,276	16	1,168	2,160
Pennsylvania	1,589	1,589	1,539	728	158	65	39	79	33	205	65	5	72
Rhode Island	58	58	52	41	7	-	-	-	-	6	-	-	4
South Carolina	951	951	931	474	33	11	16	12	9	61	9	3	28
South Dakota	1,444	1,444	1,296	658	154	10	31	78	65	216	2	153	142
Tennessee	759	759	654	238	50	18	42	20	18	110	21	4	42
Texas	15,441	15,441	13,956	3,207	1,637	590	764	1,505	1,008	2,738	13	252	1,198
Utah	10,070	10,070	5,572	2,239	362	264	1,429	339	5,379	2,016	263	545	358
Vermont	204	204	178	127	6	-	-	6	-	24	-	-	13
Virginia	905	905	788	357	31	1	5	3	-	85	3	26	12
Washington	12,862	12,862	9,397	7,126	1,037	43	691	1,367	1,375	2,580	41	897	553
West Virginia	100	100	97	43	9	-	6	6	-	11	-	-	6
Wisconsin	1,414	1,414	1,338	829	151	3	34	125	1	139	9	63	191
Wyoming	4,822	4,822	3,972	1,331	117	38	63	54	1,291	984	11	437	409
<b>Water Resources Areas</b>													
WRA 01 New England	1,917	1,917	1,726	927	137	33	82	63	5	240	34	68	213
WRA 02 Mid-Atlantic	4,142	4,142	3,736	2,006	356	105	52	123	18	387	52	60	287
WRA 03 South Atlantic-Gulf	15,567	15,567	14,235	5,012	1,080	35	317	535	40	1,427	53	963	1,234
WRA 04 Great Lakes	3,694	3,694	3,448	2,049	277	20	123	387	12	552	51	123	281
WRA 05 Ohio	2,928	2,928	2,683	1,258	164	36	70	99	43	236	41	116	172
WRA 06 Tennessee	891	891	777	391	37	21	18	25	18	111	18	13	28
WRA 07 Upper Mississippi	4,359	4,359	4,065	2,488	268	33	136	387	25	529	37	341	406
WRA 08 Lower Mississippi	7,817	7,817	7,305	2,214	322	43	457	364	56	1,101	129	496	495
WRA 09 Souris-Red-Rainy	491	491	413	283	43	6	52	93	7	50	6	30	53
WRA 10 Missouri	34,813	34,813	30,644	13,766	2,399	206	3,437	4,277	3,334	4,558	47	3,662	3,910
WRA 11 Arkansas-White-Red	10,805	10,805	9,174	2,447	761	127	1,196	900	720	1,278	71	464	1,668
WRA 12 Texas-Gulf	12,439	12,439	11,464	2,591	1,390	571	624	1,227	593	2,380	12	216	544
WRA 13 Rio Grande	6,844	6,844	3,967	1,685	182	95	709	280	2,447	1,782	39	318	751
WRA 14 Upper Colorado	9,068	9,068	6,441	2,146	111	33	612	145	2,658	1,806	26	802	1,375
WRA 15 Lower Colorado	3,393	3,393	2,394	1,012	175	11	101	65	680	1,374	7	5	246
WRA 16 Great Basin	9,821	9,821	5,734	2,100	295	258	1,209	353	4,739	1,986	252	604	496
WRA 17 Pacific Northwest	42,003	42,003	32,204	17,160	1,810	132	2,452	2,019	5,661	9,594	74	3,825	4,362
WRA 18 California	47,884	47,884	33,984	16,794	4,601	1,419	2,530	3,949	5,466	12,981	327	1,961	2,675
WRA 19 Alaska	73	73	70	43	11	4	4	4	4	12	4	4	1
WRA 20 Hawaii	1,214	1,214	1,096	359	33	5	9	28	11	167	5	9	101

<sup>1</sup> Respondents could choose more than one method.