

**Table 23. Methods Used in Deciding When to Irrigate: 2018**

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

Geographic area	Farms reporting any method	Farms reporting method used <sup>1</sup>									
		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 supplier (see text)	Personal calendar schedule	Computer simulation models	When neighbors begin to irrigate
United States .....	231,474	180,560	93,052	27,629	5,199	18,773	16,701	38,566	46,477	1,928	12,765
Alabama .....	1,069	991	452	82	2	11	7	27	100	-	11
Alaska .....	308	260	197	29	13	-	3	-	69	-	-
Arizona .....	3,054	2,164	931	211	61	275	87	563	836	19	179
Arkansas .....	3,173	2,901	1,374	339	46	241	210	40	739	81	256
California .....	42,093	32,756	16,977	9,650	3,091	4,421	5,872	4,934	12,448	610	1,511
Colorado .....	14,529	9,243	4,287	577	76	1,049	657	6,248	2,742	49	1,704
Connecticut .....	669	627	386	6	-	-	9	-	66	-	10
Delaware .....	521	484	236	87	6	23	21	-	29	35	83
Florida .....	7,615	6,292	2,761	1,185	90	389	412	90	1,154	85	165
Georgia .....	3,861	3,371	1,051	417	18	171	300	6	580	57	98
Hawaii .....	1,863	1,618	795	21	36	41	69	46	381	3	3
Idaho .....	14,867	10,261	5,263	587	83	1,185	599	4,837	3,065	91	1,369
Illinois .....	1,807	1,708	874	153	36	65	257	-	253	42	115
Indiana .....	2,039	1,815	1,071	340	68	124	222	51	397	87	169
Iowa .....	1,061	909	504	114	-	4	45	-	163	25	21
Kansas .....	4,249	3,536	1,769	801	73	994	711	80	400	8	144
Kentucky .....	1,188	1,054	627	97	1	40	27	27	177	-	41
Louisiana .....	1,862	1,695	701	205	23	47	48	2	257	15	15
Maine .....	990	870	684	77	3	4	3	29	250	-	-
Maryland .....	959	856	502	63	-	17	16	-	157	4	11
Massachusetts .....	1,335	1,164	735	183	32	6	88	-	150	-	28
Michigan .....	3,886	3,512	2,588	285	5	251	447	30	802	24	257
Minnesota .....	2,367	2,086	1,504	258	28	132	313	56	291	3	245
Mississippi .....	1,621	1,396	668	435	33	62	67	32	235	9	89
Missouri .....	2,705	2,452	1,357	150	18	151	184	16	442	38	58
Montana .....	8,887	6,371	2,833	502	46	359	200	2,492	1,754	33	762
Nebraska .....	13,013	10,712	6,310	3,973	279	2,193	2,760	676	834	134	869
Nevada .....	1,857	1,317	551	73	15	203	36	591	633	-	220
New Hampshire .....	731	672	472	25	2	7	-	-	92	2	-
New Jersey .....	1,585	1,488	858	208	-	49	33	-	235	6	-
New Mexico .....	10,093	6,669	3,359	499	56	1,429	59	4,256	2,572	1	968
New York .....	2,148	2,031	1,224	247	27	23	108	3	368	1	32
North Carolina .....	2,451	2,220	893	71	1	80	1	44	284	36	1
North Dakota .....	720	682	477	120	5	95	58	23	133	5	49
Ohio .....	1,601	1,464	1,081	98	17	2	12	1	168	8	-
Oklahoma .....	1,835	1,542	653	89	28	71	62	89	191	13	70
Oregon .....	13,794	10,472	5,278	865	200	799	469	2,996	3,049	41	992
Pennsylvania .....	2,766	2,419	1,590	171	24	26	2	22	347	-	24
Rhode Island .....	227	223	134	51	-	-	11	5	14	-	9
South Carolina .....	1,489	1,325	334	174	-	47	7	1	156	12	25
South Dakota .....	1,219	1,109	585	194	26	44	98	-	147	-	71
Tennessee .....	1,452	1,289	454	197	42	66	30	1	147	34	-
Texas .....	11,997	10,170	4,384	927	188	388	592	764	1,938	163	325
Utah .....	12,575	7,686	3,082	228	90	1,811	119	6,095	2,385	41	651
Vermont .....	573	537	355	27	24	51	24	51	130	22	31
Virginia .....	1,377	1,242	721	67	22	30	15	-	269	1	22
Washington .....	11,259	8,927	5,602	1,920	208	711	963	1,380	2,992	46	468
West Virginia .....	482	385	266	54	5	-	-	-	5	23	-
Wisconsin .....	2,127	1,825	1,207	385	29	117	295	3	259	18	58
Wyoming .....	5,525	3,762	2,055	112	23	469	96	1,959	1,192	3	536
<b>Water Resources Regions</b>											
Region 01 New England .....	4,164	3,739	2,540	368	59	67	156	82	636	24	71
Region 02 Mid-Atlantic .....	7,317	6,562	3,957	681	38	144	107	22	1,035	69	121
Region 03 South Atlantic-Gulf .....	16,770	14,420	5,684	1,955	131	692	759	190	2,321	190	342
Region 04 Great Lakes .....	7,093	6,369	4,429	525	75	283	601	36	1,385	58	372
Region 05 Ohio .....	4,904	4,498	2,790	567	73	177	211	79	626	86	134
Region 06 Tennessee .....	1,250	1,126	476	74	2	29	2	2	158	-	-
Region 07 Upper Mississippi .....	6,691	6,023	3,659	764	83	295	773	41	885	68	429
Region 08 Lower Mississippi .....	6,595	5,977	2,826	1,068	129	409	389	47	1,218	157	261
Region 09 Souris-Red-Rainy .....	587	545	313	68	1	54	69	18	80	3	14
Region 10 Missouri .....	32,856	25,779	13,998	5,541	459	3,776	3,886	5,557	4,509	229	2,318
Region 11 Arkansas-White-Red .....	9,554	7,367	3,031	972	131	1,183	927	1,485	1,092	81	521
Region 12 Texas-Gulf .....	9,986	8,578	3,825	658	159	199	361	488	1,578	105	266
Region 13 Rio Grande .....	8,740	5,550	2,921	367	34	1,243	105	4,053	2,339	7	911
Region 14 Upper Colorado .....	13,188	8,155	3,663	218	30	976	129	5,611	2,881	4	1,329
Region 15 Lower Colorado .....	3,838	2,588	1,126	307	61	430	110	798	1,052	19	206
Region 16 Great Basin .....	11,322	7,406	2,907	259	101	1,599	168	5,224	2,165	44	785
Region 17 Pacific Northwest .....	41,905	30,869	16,755	3,545	493	2,776	2,015	9,789	9,542	171	3,118
Region 18 California .....	42,543	33,131	17,160	9,642	3,091	4,400	5,861	4,998	12,525	610	1,564
Region 19 Alaska .....	308	260	197	29	13	-	3	-	69	-	-
Region 20 Hawaii .....	1,863	1,618	795	21	36	41	69	46	381	3	3

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