

**Table 41. Source of Irrigation Information Relied on to Reduce Irrigation Costs or to Conserve Water: 2003 and 1998**

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

Geographic area	Total <sup>1</sup>		Extension agents or university specialists		Private irrigation specialists or consultants		Irrigation equipment dealers		Irrigation district or water supplier	
	Farms	Acres irrigated <sup>2</sup>	Farms	Acres irrigated <sup>2</sup>	Farms	Acres irrigated <sup>2</sup>	Farms	Acres irrigated <sup>2</sup>	Farms	Acres irrigated <sup>2</sup>
U.S. TOTAL . . . . . 2003 . . . . .	220,163	52,583,431	72,498	21,593,616	32,462	16,003,669	52,233	18,611,979	31,431	7,266,219
1998 . . . . .	167,760	43,382,118	69,372	21,732,619	17,357	10,811,453	57,669	20,750,691	30,160	6,283,778
<b>2003 DATA</b>										
Alabama	578	52,722	213	28,126	72	9,218	112	25,510	-	-
Alaska	73	2,252	14	410	-	-	10	500	-	-
Arizona	2,777	836,587	881	400,671	160	175,736	441	165,485	544	140,276
Arkansas	4,834	3,944,867	2,587	2,387,395	782	874,534	971	886,769	234	185,900
California	46,841	8,471,936	13,578	3,170,696	8,345	2,786,934	9,043	2,463,138	9,191	1,968,422
Colorado	11,567	2,562,329	2,770	921,116	1,573	829,254	2,361	728,842	2,336	350,747
Connecticut	234	2,213	48	878	32	451	44	965	2	(D)
Delaware	213	69,088	100	34,225	52	16,409	134	34,706	-	-
Florida	8,335	1,497,653	2,866	770,718	667	365,707	1,849	318,283	146	81,971
Georgia	2,847	710,893	1,504	378,675	169	96,247	983	297,680	14	6,848
Hawaii	1,214	78,538	221	55,071	92	22,254	181	66,329	27	189
Idaho	14,303	3,126,857	3,527	1,220,838	1,073	1,019,218	3,767	1,589,895	3,059	610,854
Illinois	1,195	374,919	348	111,925	148	79,174	563	249,589	8	3,787
Indiana	1,193	276,294	241	84,805	146	49,183	534	164,879	28	3,225
Iowa	709	134,164	241	53,223	83	28,417	265	70,972	13	1,274
Kansas	4,878	2,543,950	1,834	861,744	2,460	1,549,317	1,516	949,483	476	245,569
Kentucky	943	20,685	264	8,262	34	1,280	190	9,455	-	-
Louisiana	2,280	838,717	1,112	451,840	248	125,751	660	263,672	124	56,001
Maine	507	18,163	242	6,432	46	6,699	132	10,097	6	374
Maryland	509	53,734	127	20,191	73	19,796	207	37,667	-	-
Massachusetts	842	16,151	367	9,456	106	3,906	249	8,791	32	(D)
Michigan	2,366	432,665	1,039	188,051	283	151,940	944	306,098	57	22,164
Minnesota	1,639	434,500	635	203,740	206	116,362	615	234,602	18	13,495
Mississippi	1,567	1,169,793	892	671,885	160	212,962	623	397,590	33	63,809
Missouri	1,966	1,020,728	847	505,352	206	161,750	722	401,887	36	27,602
Montana	8,625	2,131,955	2,396	773,687	564	333,660	1,403	800,992	1,036	351,855
Nebraska	16,278	7,516,171	6,116	2,723,789	5,372	3,245,467	4,669	2,919,628	1,057	623,967
Nevada	1,722	639,310	509	198,541	66	62,876	266	196,803	289	103,686
New Hampshire	161	818	95	444	6	(D)	58	(D)	-	-
New Jersey	807	46,679	358	34,888	65	9,176	294	34,013	2	(D)
New Mexico	6,741	769,787	2,078	211,088	480	147,767	403	176,996	1,897	65,481
New York	1,284	48,545	364	23,604	37	3,765	270	24,471	3	945
North Carolina	2,281	101,055	1,250	58,025	349	30,996	669	49,124	7	910
North Dakota	541	207,772	245	91,614	113	64,108	216	96,816	40	18,481
Ohio	670	14,476	209	3,783	49	2,222	220	8,703	-	-
Oklahoma	1,819	508,842	536	122,026	296	159,211	587	165,949	36	28,744
Oregon	14,205	1,731,660	5,480	706,524	1,850	355,759	3,936	650,951	2,129	233,948
Pennsylvania	1,589	19,633	701	10,130	175	4,007	590	12,188	3	180
Rhode Island	58	648	22	178	2	(D)	5	(D)	-	-
South Carolina	951	52,046	361	25,003	42	12,758	343	29,749	3	1,940
South Dakota	1,444	390,406	596	171,303	197	79,522	403	151,205	121	24,224
Tennessee	759	34,429	236	14,148	42	12,384	243	16,352	3	(D)
Texas	15,441	4,947,745	4,905	2,096,749	1,990	1,670,233	3,264	1,843,554	2,480	1,250,768
Utah	10,070	1,082,213	3,302	503,088	1,052	190,177	1,744	346,973	2,234	202,950
Vermont	204	825	75	358	7	37	61	397	-	-
Virginia	905	33,635	540	15,655	104	12,718	219	16,404	116	696
Washington	12,862	1,806,782	3,715	590,356	1,945	687,819	3,793	848,748	2,427	209,152
West Virginia	100	801	31	215	10	100	22	178	-	-
Wisconsin	1,414	391,763	378	152,739	170	76,033	732	276,807	8	7,876
Wyoming	4,822	1,415,037	1,502	519,956	263	140,245	707	261,692	1,156	357,236
<b>Water Resources Areas</b>										
WRA 01 New England	1,917	38,410	808	17,556	199	11,223	514	20,448	40	652
WRA 02 Mid-Atlantic	4,142	233,602	1,667	122,337	469	62,114	1,376	141,157	121	(D)
WRA 03 South Atlantic-Gulf	15,567	2,410,814	6,453	1,248,518	1,284	508,646	4,174	714,617	170	91,669
WRA 04 Great Lakes	3,694	611,881	1,487	261,257	421	183,223	1,355	425,579	69	24,909
WRA 05 Ohio	2,928	220,290	826	71,393	119	22,903	942	130,006	20	1,725
WRA 06 Tennessee	891	31,065	352	19,745	28	10,724	290	16,938	2	(D)
WRA 07 Upper Mississippi	4,359	1,145,841	1,378	429,130	574	261,047	1,996	721,193	44	26,472
WRA 08 Lower Mississippi	7,817	6,199,006	4,213	3,633,703	1,163	1,223,395	2,007	1,716,704	312	305,795
WRA 09 Souris-Red-Rainy	491	183,590	247	84,549	95	61,206	208	75,815	10	2,910
WRA 10 Missouri	34,813	12,922,399	12,049	4,859,045	7,936	4,723,436	8,681	4,901,371	4,411	1,527,774
WRA 11 Arkansas-White-Red	10,805	5,285,088	3,422	1,933,068	3,555	2,539,687	2,659	1,769,045	708	701,838
WRA 12 Texas-Gulf	12,439	3,284,293	4,175	1,350,468	1,243	807,065	2,715	1,155,028	2,032	769,236
WRA 13 Rio Grande	6,844	799,492	1,886	295,053	629	217,206	544	236,454	2,013	93,310
WRA 14 Upper Colorado	9,068	1,366,203	2,223	433,064	365	94,412	1,719	244,941	1,740	266,607
WRA 15 Lower Colorado	3,393	897,445	1,228	425,009	236	181,356	681	185,048	603	143,376
WRA 16 Great Basin	9,821	1,516,775	3,318	630,838	865	251,572	1,619	527,993	2,153	278,443
WRA 17 Pacific Northwest	42,003	6,679,626	12,644	2,475,722	4,813	2,011,434	10,776	3,011,220	7,302	1,016,773
WRA 18 California	47,884	8,676,821	13,887	3,247,680	8,376	2,810,766	9,786	2,551,593	9,654	2,013,150
WRA 19 Alaska	73	2,252	14	410	-	-	10	500	-	-
WRA 20 Hawaii	1,214	78,538	221	55,071	92	22,254	181	66,329	27	189

See footnote(s) at end of table.

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**Table 41. Source of Irrigation Information Relied on to Reduce Irrigation Costs or to Conserve Water: 2003 and 1998 - Con.**

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

Geographic area	NRCS, local conservation district, other Federal or State agencies		Media reports		Neighboring farmers		Electronic information services (DTN and other internet links)		Other	
	Farms	Acres irrigated <sup>2</sup>	Farms	Acres irrigated <sup>2</sup>	Farms	Acres irrigated <sup>2</sup>	Farms	Acres irrigated <sup>2</sup>	Farms	Acres irrigated <sup>2</sup>
U.S. TOTAL . . . . . 2003 . . . . . 1998 . . . . .	30,544 30,066	10,407,323 12,323,638	25,573 27,435	7,832,885 9,299,941	117,145 82,625	26,341,525 21,543,738	13,036 (NA)	5,676,029 (NA)	15,136 15,020	3,038,442 2,305,898
<b>2003 DATA</b>										
Alabama	36	6,383	46	5,068	300	26,994	21	2,167	24	2,237
Alaska	-	-	1	(D)	54	820	4	36	16	1,023
Arizona	405	279,251	365	114,992	1,496	426,109	366	65,545	293	71,249
Arkansas	1,036	960,426	546	376,871	2,728	1,968,590	297	266,160	424	240,437
California	4,566	1,051,217	6,238	1,316,799	25,801	4,393,975	2,257	897,220	2,683	450,478
Colorado	2,302	695,989	1,021	309,896	6,729	1,299,867	515	309,916	1,161	164,534
Connecticut	16	518	30	213	98	1,297	11	112	47	104
Delaware	10	2,541	42	12,747	114	35,651	11	2,999	8	1,488
Florida	584	392,589	580	47,125	4,546	707,719	582	182,491	447	46,506
Georgia	241	76,165	284	32,418	1,253	322,024	114	27,372	103	28,502
Hawaii	95	(D)	91	(D)	715	7,243	38	44,602	161	(D)
Idaho	1,737	561,092	1,260	456,334	8,866	1,683,211	451	362,838	760	192,603
Illinois	51	21,019	146	45,954	580	159,735	108	35,662	87	18,044
Indiana	17	6,208	120	28,294	693	146,825	51	22,255	63	15,157
Iowa	22	(D)	122	29,920	353	56,591	53	18,277	44	3,652
Kansas	603	394,916	926	388,519	2,173	1,195,565	633	309,546	216	61,950
Kentucky	51	1,137	45	(D)	605	10,582	31	779	66	1,007
Louisiana	405	193,438	135	80,640	1,146	397,231	69	44,048	87	32,440
Maine	49	2,113	9	1,399	225	7,007	6	501	72	439
Maryland	17	4,122	75	6,180	288	25,482	35	5,371	18	3,476
Massachusetts	222	6,255	139	1,936	400	4,262	79	790	87	1,214
Michigan	191	55,612	277	62,252	927	164,441	206	79,632	169	28,077
Minnesota	111	36,982	186	66,204	806	231,429	135	57,320	97	10,902
Mississippi	211	280,308	133	177,810	768	601,613	43	78,212	367	37,080
Missouri	178	177,867	214	144,823	1,030	549,480	192	71,231	106	51,424
Montana	1,983	662,018	515	308,940	5,589	1,116,999	182	166,955	455	138,467
Nebraska	2,258	1,274,009	2,709	1,516,137	7,195	3,311,276	1,549	903,704	1,727	558,449
Nevada	463	225,464	149	53,194	1,089	335,414	104	48,884	187	61,911
New Hampshire	12	70	14	105	60	412	14	21	25	45
New Jersey	105	14,348	95	6,353	285	13,924	75	3,280	64	1,656
New Mexico	1,158	208,817	622	74,461	3,859	490,722	172	64,550	450	19,306
New York	26	4,593	51	4,759	810	23,658	101	6,801	236	5,961
North Carolina	380	17,207	256	9,941	1,195	34,495	295	8,754	11	2,580
North Dakota	80	28,193	58	22,727	261	89,333	40	25,421	36	16,136
Ohio	18	159	63	1,198	399	4,622	52	295	31	259
Oklahoma	337	77,684	153	77,634	779	258,170	99	42,258	297	39,400
Oregon	1,007	272,061	1,751	227,057	6,318	938,329	689	119,670	644	142,842
Pennsylvania	53	1,385	156	2,869	948	6,438	187	3,744	95	(D)
Rhode Island	3	91	9	161	26	431	9	153	8	36
South Carolina	177	11,771	18	4,596	473	26,647	118	5,401	12	725
South Dakota	225	69,110	275	73,501	793	194,447	128	48,027	124	25,884
Tennessee	46	2,452	58	4,335	480	12,591	36	7,107	62	1,917
Texas	3,725	1,015,038	2,307	1,038,238	6,826	2,613,756	1,183	684,463	1,610	290,239
Utah	2,213	355,623	1,170	154,404	5,730	544,846	489	109,358	572	58,172
Vermont	6	6	12	39	109	459	5	10	17	144
Virginia	176	1,340	156	4,731	352	9,880	196	2,379	61	1,091
Washington	1,527	365,877	1,255	276,753	7,193	909,623	647	305,197	526	69,401
West Virginia	12	12	8	56	65	445	5	5	7	(D)
Wisconsin	30	13,030	171	39,400	615	148,505	122	60,580	89	22,237
Wyoming	1,368	529,936	511	212,312	3,002	832,360	231	173,930	184	71,822
<b>Water Resources Areas</b>										
WRA 01 New England	308	9,053	201	3,814	875	13,643	119	1,577	245	1,862
WRA 02 Mid-Atlantic	315	26,492	536	33,933	2,108	97,325	576	21,910	426	(D)
WRA 03 South Atlantic-Gulf	1,386	500,787	1,095	100,605	7,984	1,115,468	1,020	224,651	925	79,945
WRA 04 Great Lakes	217	57,476	373	79,082	1,641	239,901	277	98,299	286	39,061
WRA 05 Ohio	71	9,539	227	22,435	1,804	99,155	114	24,775	166	16,408
WRA 06 Tennessee	145	(D)	145	(D)	602	15,075	125	3,696	46	2,058
WRA 07 Upper Mississippi	200	60,379	540	140,574	2,176	542,069	394	131,496	231	49,669
WRA 08 Lower Mississippi	1,517	1,436,501	762	667,887	3,956	3,058,359	329	375,041	550	302,295
WRA 09 Souris-Red-Rainy	52	27,274	33	26,217	183	83,111	29	23,073	71	16,274
WRA 10 Missouri	5,980	2,816,557	5,320	2,456,166	17,867	5,939,643	2,602	1,536,560	2,954	850,611
WRA 11 Arkansas-White-Red	2,064	965,889	1,485	971,907	5,387	2,840,067	1,286	853,219	651	218,007
WRA 12 Texas-Gulf	2,703	735,183	1,797	530,569	6,090	1,745,143	857	301,973	1,129	226,777
WRA 13 Rio Grande	1,311	204,310	631	92,421	3,170	412,897	189	68,805	846	32,092
WRA 14 Upper Colorado	2,274	447,522	241	104,718	5,758	830,721	125	69,750	905	101,702
WRA 15 Lower Colorado	678	305,915	374	118,650	1,799	456,723	441	68,932	298	74,129
WRA 16 Great Basin	1,863	464,976	1,213	201,861	5,794	759,779	538	173,410	583	101,785
WRA 17 Pacific Northwest	4,747	1,196,500	4,171	925,465	23,066	3,601,784	1,714	755,604	1,889	387,538
WRA 18 California	4,618	1,089,774	6,337	1,342,343	26,116	4,482,599	2,259	898,620	2,758	482,764
WRA 19 Alaska	-	-	1	(D)	54	820	4	36	16	1,023
WRA 20 Hawaii	95	(D)	91	(D)	715	7,243	38	44,602	161	(D)

<sup>1</sup> Respondents could choose more than one source of information.

<sup>2</sup> Acres irrigated are totals for all irrigation on these farms.