

**Table 25. Barriers to Making Improvements to Reduce Energy Use or Conserve Water: 2018**

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

Geographic area	Total <sup>1</sup>				Investigating improvements not a priority		
	Farms	Land in farms (acres)	Acres irrigated	Acre-feet applied <sup>2,3</sup>	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>
United States .....	123,565	116,761,572	29,511,478	43,081,007	40,513	5,936,080	8,215,677
Alabama .....	544	255,410	66,281	47,024	144	9,704	3,422
Alaska .....	201	4,827	1,081	954	92	206	248
Arizona .....	1,517	1,392,162	462,885	2,278,822	497	108,158	621,451
Arkansas .....	1,938	3,322,673	2,801,203	3,341,310	450	582,342	756,386
California .....	20,922	7,348,985	3,606,534	10,545,987	6,653	621,884	1,636,019
Colorado .....	8,086	9,104,203	1,524,544	2,313,796	2,243	223,230	378,614
Connecticut .....	195	26,414	2,504	2,536	29	400	162
Delaware .....	227	203,211	89,233	29,717	87	21,849	6,613
Florida .....	3,660	1,531,134	351,281	398,159	1,724	97,675	115,457
Georgia .....	1,722	907,161	350,880	217,274	586	110,115	68,374
Hawaii .....	1,002	411,528	17,243	26,064	344	2,490	3,309
Idaho .....	8,524	4,213,824	2,032,569	3,923,200	2,872	295,485	556,049
Illinois .....	970	1,122,428	301,867	192,639	419	79,065	47,123
Indiana .....	1,022	1,028,423	255,530	113,312	416	54,448	17,502
Iowa .....	496	384,528	88,744	30,512	207	32,784	10,160
Kansas .....	2,433	7,432,640	1,410,047	1,500,832	544	236,000	252,821
Kentucky .....	522	138,925	28,033	11,025	278	9,404	3,910
Louisiana .....	1,048	956,953	525,688	451,801	321	115,149	70,530
Maine .....	612	129,412	17,575	5,865	244	2,008	1,012
Maryland .....	633	221,121	77,582	46,140	325	36,460	19,228
Massachusetts .....	703	54,193	6,662	2,228	364	2,686	801
Michigan .....	2,026	1,198,862	408,231	227,469	665	89,522	50,602
Minnesota .....	1,122	800,039	248,112	119,301	392	53,242	17,041
Mississippi .....	946	1,398,445	910,736	629,499	343	304,378	208,080
Missouri .....	1,269	1,356,267	701,540	578,601	552	148,102	108,051
Montana .....	4,685	13,218,741	1,151,252	1,296,561	1,247	258,479	310,756
Nebraska .....	6,691	11,782,909	4,084,690	2,603,587	1,879	869,243	542,935
Nevada .....	1,070	1,878,004	388,010	1,072,309	269	67,776	203,598
New Hampshire .....	349	30,416	1,138	898	126	306	462
New Jersey .....	857	122,697	43,869	25,442	276	5,599	2,431
New Mexico .....	5,451	1,713,522	290,047	551,711	1,509	68,300	94,873
New York .....	1,124	174,611	22,028	12,464	466	5,199	6,921
North Carolina .....	1,028	853,995	73,574	20,916	430	14,001	5,049
North Dakota .....	442	1,070,372	169,228	87,724	201	31,843	12,517
Ohio .....	780	110,529	17,946	8,910	475	8,679	3,190
Oklahoma .....	898	1,588,253	236,192	277,600	337	37,319	40,039
Oregon .....	8,007	6,077,118	914,710	1,575,943	2,639	157,924	271,091
Pennsylvania .....	1,400	153,300	27,367	34,335	828	22,728	33,143
Rhode Island .....	133	5,824	1,431	379	45	266	154
South Carolina .....	698	573,193	151,865	119,588	240	19,407	15,642
South Dakota .....	531	1,236,052	173,227	157,777	116	33,183	29,368
Tennessee .....	530	342,798	54,006	30,387	214	17,902	6,652
Texas .....	6,759	11,320,139	2,348,698	2,953,044	2,348	440,900	562,951
Utah .....	7,588	4,715,049	790,579	1,547,429	2,205	190,606	335,038
Vermont .....	274	46,559	1,545	903	151	436	245
Virginia .....	860	271,677	31,718	8,218	360	9,731	2,972
Washington .....	6,272	4,098,453	1,023,460	2,141,512	1,963	179,274	410,327
West Virginia .....	213	33,968	379	165	73	115	46
Wisconsin .....	1,254	896,253	303,772	171,029	538	53,318	19,971
Wyoming .....	3,331	9,503,372	924,162	1,348,111	787	206,760	352,341
<b>Water Resources Regions</b>							
Region 01 New England .....	2,057	277,886	30,047	12,400	841	5,822	2,636
Region 02 Mid-Atlantic .....	3,950	921,991	272,577	149,875	1,922	96,822	69,546
Region 03 South Atlantic-Gulf .....	7,900	4,193,680	1,017,784	816,726	3,186	253,274	209,710
Region 04 Great Lakes .....	3,793	1,735,014	553,435	285,013	1,471	121,210	59,400
Region 05 Ohio .....	2,424	1,418,627	271,584	135,814	1,122	46,696	15,506
Region 06 Tennessee .....	625	183,808	24,890	21,048	216	6,281	2,786
Region 07 Upper Mississippi .....	3,316	2,485,453	750,532	423,800	1,438	200,924	95,600
Region 08 Lower Mississippi .....	3,668	6,061,228	4,423,858	4,368,132	1,003	1,022,772	1,022,735
Region 09 Souris-Red-Rainy .....	295	679,662	135,091	75,119	61	13,417	4,624
Region 10 Missouri .....	17,665	42,987,386	7,142,676	6,220,427	4,920	1,483,314	1,267,257
Region 11 Arkansas-White-Red .....	5,290	13,317,940	2,770,889	3,391,255	1,302	494,075	622,928
Region 12 Texas-Gulf .....	5,644	5,946,454	1,551,049	1,907,740	2,066	286,739	329,936
Region 13 Rio Grande .....	4,547	1,645,320	350,482	794,609	1,277	55,851	123,826
Region 14 Upper Colorado .....	7,566	3,996,111	830,874	1,205,703	2,230	191,998	302,573
Region 15 Lower Colorado .....	1,797	1,558,204	485,097	2,365,299	674	111,515	628,232
Region 16 Great Basin .....	6,936	5,909,515	1,157,152	2,553,112	1,860	214,403	448,755
Region 17 Pacific Northwest .....	23,661	15,293,359	4,051,109	7,764,386	7,816	702,406	1,362,196
Region 18 California .....	21,228	7,733,579	3,674,028	10,563,532	6,672	625,865	1,643,874
Region 19 Alaska .....	201	4,827	1,081	954	92	206	248
Region 20 Hawaii .....	1,002	411,528	17,243	26,064	344	2,490	3,309

See footnote(s) at end of table.

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**Table 25. Barriers to Making Improvements to Reduce Energy Use or Conserve Water: 2018 (continued)**

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

Geographic area	Risk of reduced yield or poorer crop quality			Physical field/crop condition limit system improvements			Improvements will not reduce costs enough to cover installation costs		
	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>
United States .....	17,011	5,698,594	8,667,051	16,325	5,355,008	8,334,493	29,618	10,354,755	15,284,759
Alabama .....	36	10,906	5,614	64	7,292	1,893	29	8,098	5,000
Alaska .....	8	21	28	3	21	(D)	11	(D)	(D)
Arizona .....	171	128,561	620,585	198	123,034	488,325	311	122,949	596,652
Arkansas .....	257	368,362	480,543	349	643,738	789,224	501	833,050	1,017,684
California .....	3,707	847,470	2,447,995	2,901	748,430	2,189,666	4,955	1,285,025	3,843,615
Colorado .....	1,296	327,632	568,004	1,284	310,119	443,712	1,816	523,403	666,077
Connecticut .....	10	10	10	43	(D)	(D)	135	1,670	1,177
Delaware .....	75	28,722	11,126	31	18,030	6,185	74	32,140	11,532
Florida .....	502	50,068	45,897	439	44,770	44,424	783	114,684	133,411
Georgia .....	300	62,000	33,129	60	15,215	10,573	386	69,392	50,750
Hawaii .....	86	638	1,187	31	1,075	1,173	113	5,450	12,381
Idaho .....	543	352,127	670,923	1,114	368,514	681,848	2,372	848,767	1,697,252
Illinois .....	192	80,785	66,684	91	59,853	28,649	236	126,883	84,458
Indiana .....	190	71,562	37,430	86	36,843	27,043	230	107,809	45,198
Iowa .....	120	25,096	10,606	61	157	56	116	31,473	8,568
Kansas .....	406	342,471	396,702	202	161,019	167,807	757	540,676	582,732
Kentucky .....	84	5,746	2,126	77	8,751	3,090	84	9,128	3,781
Louisiana .....	182	118,483	79,245	196	129,372	147,835	274	178,780	191,037
Maine .....	41	1,774	352	44	1,568	284	80	1,120	222
Maryland .....	110	7,444	3,768	131	19,614	14,897	162	26,170	14,837
Massachusetts .....	6	12	(D)	7	(D)	53	95	458	184
Michigan .....	381	87,584	61,759	167	58,430	40,747	577	205,233	116,273
Minnesota .....	188	57,787	26,384	140	26,863	11,646	373	133,485	75,293
Mississippi .....	136	145,758	111,763	122	153,532	106,502	208	342,886	237,244
Missouri .....	226	151,576	112,647	100	133,301	96,957	193	169,110	170,011
Montana .....	469	175,482	193,585	879	289,889	320,326	1,345	408,968	469,447
Nebraska .....	800	634,274	406,448	934	542,629	394,729	2,346	1,635,962	1,066,297
Nevada .....	85	59,683	165,889	197	88,682	231,093	214	128,801	374,244
New Hampshire .....	32	252	(D)	57	617	(D)	84	159	59
New Jersey .....	114	6,493	3,143	118	4,911	2,959	234	12,362	6,658
New Mexico .....	979	102,208	183,898	855	105,838	167,202	810	81,664	145,201
New York .....	268	5,934	1,615	165	7,143	2,396	247	8,947	4,451
North Carolina .....	117	43,593	11,215	118	43,884	11,221	98	2,290	1,006
North Dakota .....	118	58,868	33,436	50	22,368	13,886	131	62,901	32,151
Ohio .....	73	332	137	42	384	271	154	4,352	2,027
Oklahoma .....	90	44,531	51,142	106	30,449	37,810	223	57,965	64,678
Oregon .....	712	144,824	258,726	1,088	174,415	306,788	2,078	363,037	660,777
Pennsylvania .....	125	1,092	200	61	891	60	210	2,132	(D)
Rhode Island .....	5	800	60	10	855	86	53	168	106
South Carolina .....	61	12,898	13,949	73	14,983	15,095	141	42,441	31,683
South Dakota .....	32	34,735	21,368	92	31,982	51,649	144	29,533	29,009
Tennessee .....	57	11,440	11,094	44	2,596	2,342	121	23,968	12,706
Texas .....	1,078	404,366	444,601	772	266,393	311,769	1,515	695,289	817,175
Utah .....	833	158,779	288,637	770	160,925	320,007	1,496	221,167	433,299
Vermont .....	37	120	61	4	74	47	40	651	484
Virginia .....	56	1,188	142	68	2,565	924	222	9,069	1,956
Washington .....	951	238,878	443,317	968	252,992	541,581	1,670	452,737	1,008,022
West Virginia .....	63	95	60	5	8	(D)	3	(D)	3
Wisconsin .....	198	70,188	45,842	146	53,093	26,726	284	114,889	66,693
Wyoming .....	405	214,946	293,434	762	186,689	272,471	884	276,943	489,889
<b>Water Resources Regions</b>									
Region 01 New England .....	123	2,932	1,012	165	3,326	908	478	4,172	2,195
Region 02 Mid-Atlantic .....	568	45,987	18,901	482	47,339	26,097	885	85,259	37,335
Region 03 South Atlantic-Gulf .....	1,032	176,077	107,645	798	126,558	83,211	1,550	253,373	233,142
Region 04 Great Lakes .....	661	110,672	69,881	320	72,060	47,398	895	265,069	137,015
Region 05 Ohio .....	407	84,550	51,279	193	47,580	30,872	514	123,140	58,177
Region 06 Tennessee .....	73	12,235	13,159	32	2,692	(D)	71	(D)	(D)
Region 07 Upper Mississippi .....	600	184,526	122,943	353	111,146	54,563	767	273,756	170,919
Region 08 Lower Mississippi .....	632	738,278	735,031	628	990,622	1,068,588	983	1,391,507	1,457,005
Region 09 Souris-Red-Rainy .....	56	46,746	24,606	36	23,458	11,304	152	91,774	52,057
Region 10 Missouri .....	2,223	1,251,187	1,094,369	2,735	1,151,454	1,157,893	5,209	2,706,306	2,415,077
Region 11 Arkansas-White-Red .....	897	550,797	676,388	768	419,583	472,677	1,296	894,828	1,078,538
Region 12 Texas-Gulf .....	908	286,647	293,289	691	192,620	214,857	1,221	471,078	534,846
Region 13 Rio Grande .....	874	94,617	254,849	658	35,057	116,031	709	100,782	198,532
Region 14 Upper Colorado .....	899	164,638	287,476	1,006	143,229	208,678	1,499	155,426	212,410
Region 15 Lower Colorado .....	174	136,256	679,340	198	123,034	488,325	375	135,156	663,561
Region 16 Great Basin .....	727	204,556	435,872	866	256,314	585,124	1,389	347,703	777,064
Region 17 Pacific Northwest .....	2,300	741,799	1,361,404	3,433	844,925	1,567,284	6,502	1,758,955	3,450,757
Region 18 California .....	3,763	865,435	2,438,392	2,929	762,915	2,198,226	4,999	1,283,040	3,789,038
Region 19 Alaska .....	8	21	28	3	21	(D)	11	(D)	(D)
Region 20 Hawaii .....	86	638	1,187	31	1,075	1,173	113	5,450	12,381

See footnote(s) at end of table.

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**Table 25. Barriers to Making Improvements to Reduce Energy Use or Conserve Water: 2018 (continued)**

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

Geographic area	Cannot finance improvements			Landlord will not share in cost			Uncertainty about future availability of water		
	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>
United States .....	35,736	8,834,795	13,659,417	9,412	7,211,889	10,371,656	19,364	5,339,121	9,453,613
Alabama .....	172	9,425	4,458	33	29,564	25,551	14	8,379	5,600
Alaska .....	35	574	561	1	(D)	(D)	25	30	17
Arizona .....	425	201,683	1,050,702	141	207,399	1,128,373	371	145,693	660,483
Arkansas .....	592	683,527	823,892	582	1,187,550	1,374,327	114	144,112	161,742
California .....	5,705	1,206,203	3,641,365	1,239	646,780	2,118,926	4,887	1,131,834	3,451,656
Colorado .....	2,486	325,459	564,493	467	253,138	358,164	2,538	579,588	844,970
Connecticut .....	49	360	(D)	5	370	(D)	1	(D)	(D)
Delaware .....	44	30,730	8,373	32	21,940	8,238	25	13,040	4,724
Florida .....	753	72,457	78,171	136	24,508	35,573	213	40,074	35,355
Georgia .....	554	78,343	39,502	133	77,011	45,908	201	88,243	45,523
Hawaii .....	251	4,773	4,997	37	3,584	9,966	106	5,034	6,181
Idaho .....	2,774	759,430	1,493,174	717	527,285	1,048,833	734	291,643	537,373
Illinois .....	194	82,095	55,217	141	83,080	61,484	3	3	3
Indiana .....	172	59,984	22,422	95	35,736	24,859	23	103	23
Iowa .....	105	6,956	2,110	26	16,277	4,277	-	-	-
Kansas .....	872	449,825	476,631	429	509,294	534,439	585	365,865	386,784
Kentucky .....	72	4,929	2,075	4	234	(D)	31	136	(D)
Louisiana .....	281	168,573	175,919	230	163,759	160,424	32	26,226	8,144
Maine .....	216	8,619	3,269	37	5,614	1,268	8	(D)	105
Maryland .....	119	18,109	9,980	30	5,370	4,020	20	660	600
Massachusetts .....	215	3,557	1,287	6	(D)	7	50	790	299
Michigan .....	527	99,279	76,112	101	87,325	54,593	38	36,861	31,818
Minnesota .....	312	66,826	26,658	151	57,526	21,049	54	42,704	21,964
Mississippi .....	291	280,701	206,880	185	367,047	236,011	39	74,446	57,824
Missouri .....	375	231,397	195,151	151	192,309	163,228	15	891	267
Montana .....	1,555	372,969	356,733	323	168,689	210,723	701	297,114	333,016
Nebraska .....	2,037	1,300,347	897,530	1,305	1,096,828	740,671	343	248,710	169,766
Nevada .....	315	94,029	251,308	54	10,640	30,044	310	137,371	391,258
New Hampshire .....	79	131	120	1	(D)	(D)	24	(D)	27
New Jersey .....	318	26,404	17,549	35	8,106	6,034	5	1,625	697
New Mexico .....	1,701	111,182	158,272	102	30,247	73,228	2,184	154,704	257,434
New York .....	292	8,536	3,539	33	4,281	1,350	45	1,284	486
North Carolina .....	237	5,252	1,459	48	917	335	55	175	241
North Dakota .....	104	55,399	29,564	91	81,783	45,604	50	39,840	20,830
Ohio .....	221	5,629	1,612	62	528	337	53	121	154
Oklahoma .....	175	82,403	86,564	56	62,237	72,346	78	959	232
Oregon .....	2,637	297,045	513,968	343	131,685	209,942	1,085	207,550	351,035
Pennsylvania .....	239	2,013	446	26	(D)	16	47	248	58
Rhode Island .....	41	279	(D)	9	36	16	4	4	(D)
South Carolina .....	215	45,178	34,169	43	47,422	34,948	1	(D)	(D)
South Dakota .....	125	30,775	27,623	88	21,802	12,034	-	-	-
Tennessee .....	143	12,745	11,959	1	(D)	(D)	37	(D)	(D)
Texas .....	1,616	539,250	667,237	551	564,761	751,095	1,164	657,838	681,380
Utah .....	2,697	249,852	456,808	470	107,244	197,459	1,905	306,745	590,467
Vermont .....	80	614	248	7	62	(D)	17	82	57
Virginia .....	147	9,620	2,712	33	3,490	473	37	3,606	1,035
Washington .....	1,823	301,123	621,329	327	144,581	304,474	626	115,262	242,183
West Virginia .....	45	62	27	3	15	6	39	(D)	20
Wisconsin .....	260	94,055	47,963	66	87,721	61,537	21	8,001	5,317
Wyoming .....	1,043	336,089	506,013	226	134,198	195,909	406	154,377	143,051
<b>Water Resources Regions</b>									
Region 01 New England .....	607	13,074	6,017	60	6,114	2,441	89	1,964	477
Region 02 Mid-Atlantic .....	826	89,357	40,579	170	39,549	19,219	154	19,917	7,566
Region 03 South Atlantic-Gulf .....	1,977	220,174	161,837	382	186,737	146,783	498	133,013	84,301
Region 04 Great Lakes .....	894	144,945	98,673	160	97,162	58,898	55	37,391	31,844
Region 05 Ohio .....	582	66,605	24,339	141	50,452	31,324	161	429	307
Region 06 Tennessee .....	202	9,206	11,651	41	(D)	(D)	30	6,367	4,865
Region 07 Upper Mississippi .....	789	200,079	116,613	396	225,390	147,766	60	23,168	12,924
Region 08 Lower Mississippi .....	1,085	1,195,170	1,253,891	961	1,736,086	1,771,241	147	223,764	221,282
Region 09 Souris-Red-Rainy .....	121	48,703	21,456	63	62,790	29,966	34	34,340	18,888
Region 10 Missouri .....	5,308	2,175,814	1,953,907	2,224	1,694,761	1,445,603	2,136	855,079	797,923
Region 11 Arkansas-White-Red .....	1,624	783,488	886,354	616	807,013	927,381	1,599	714,900	824,696
Region 12 Texas-Gulf .....	1,476	417,674	471,231	429	375,138	490,337	998	466,728	428,370
Region 13 Rio Grande .....	1,264	89,877	211,931	98	26,352	99,715	1,658	113,555	268,110
Region 14 Upper Colorado .....	2,538	218,688	321,358	339	94,850	120,518	2,035	323,295	486,952
Region 15 Lower Colorado .....	462	210,888	1,069,602	141	207,399	1,128,373	373	145,701	660,491
Region 16 Great Basin .....	2,387	330,242	710,620	488	137,311	261,991	1,683	424,599	938,041
Region 17 Pacific Northwest .....	7,507	1,393,325	2,673,479	1,397	777,253	1,526,020	2,416	631,808	1,156,279
Region 18 California .....	5,801	1,222,139	3,620,321	1,268	675,977	2,149,874	5,107	1,178,039	3,504,097
Region 19 Alaska .....	35	574	561	1	(D)	(D)	25	30	17
Region 20 Hawaii .....	251	4,773	4,997	37	3,584	9,966	106	5,034	6,181

See footnote(s) at end of table.

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**Table 25. Barriers to Making Improvements to Reduce Energy Use or Conserve Water: 2018 (continued)**

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

Geographic area	Will not be farming this operation long enough to justify improvements			Improvements will increase management time or cost		
	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>	Farms	Acres irrigated <sup>3</sup>	Acre-feet applied <sup>3</sup>
United States .....	16,669	2,869,704	4,506,778	12,960	3,955,556	6,122,443
Alabama .....	96	2,417	6,110	57	3,283	596
Alaska .....	32	243	123	19	19	17
Arizona .....	282	115,332	630,885	178	94,935	513,987
Arkansas .....	230	234,898	286,597	264	515,492	616,728
California .....	3,519	332,425	973,175	2,650	510,353	1,608,138
Colorado .....	892	112,311	149,826	652	103,053	151,575
Connecticut .....	28	133	61	-	-	-
Delaware .....	41	17,632	7,381	26	12,479	5,135
Florida .....	717	33,383	20,859	363	41,142	40,439
Georgia .....	132	5,999	5,350	178	21,873	8,370
Hawaii .....	263	2,669	2,812	160	1,049	778
Idaho .....	1,185	328,346	593,567	815	250,757	486,577
Illinois .....	80	8,884	7,236	121	41,975	39,773
Indiana .....	110	13,550	6,578	112	40,510	22,000
Iowa .....	33	4,048	2,270	52	4,676	1,491
Kansas .....	226	73,315	74,974	210	173,047	210,546
Kentucky .....	109	1,027	794	117	2,034	1,079
Louisiana .....	157	88,545	58,231	131	77,807	54,733
Maine .....	131	169	143	62	692	185
Maryland .....	98	2,324	1,629	51	9,035	6,656
Massachusetts .....	76	82	31	52	698	162
Michigan .....	331	32,136	13,977	299	91,372	62,441
Minnesota .....	200	60,732	34,452	173	72,479	35,414
Mississippi .....	106	130,289	88,963	121	122,372	88,092
Missouri .....	185	125,260	99,305	96	40,733	29,742
Montana .....	708	117,385	133,098	543	204,609	227,006
Nebraska .....	662	355,988	219,468	558	405,514	263,669
Nevada .....	45	10,800	21,765	72	81,117	213,380
New Hampshire .....	59	59	56	22	143	(D)
New Jersey .....	153	3,614	2,070	149	1,488	246
New Mexico .....	454	12,641	33,837	519	16,192	30,593
New York .....	104	3,939	1,390	148	3,086	881
North Carolina .....	159	2,024	1,090	115	7,209	1,961
North Dakota .....	6	2,884	2,994	33	6,320	2,567
Ohio .....	127	970	523	90	1,740	2,525
Oklahoma .....	104	32,147	48,614	107	34,772	48,311
Oregon .....	1,006	63,016	101,427	629	66,583	121,472
Pennsylvania .....	253	1,148	503	31	223	87
Rhode Island .....	26	852	81	37	73	49
South Carolina .....	125	45,843	37,443	58	21,194	12,885
South Dakota .....	43	13,247	11,966	26	13,708	5,208
Tennessee .....	42	4,997	948	59	(D)	2,679
Texas .....	712	187,584	272,838	1,040	438,723	574,960
Utah .....	1,087	82,313	160,736	613	93,516	144,465
Vermont .....	14	151	69	31	92	(D)
Virginia .....	151	2,714	963	88	2,686	388
Washington .....	842	136,879	305,594	496	126,419	262,863
West Virginia .....	67	130	45	45	(D)	21
Wisconsin .....	148	27,289	13,206	70	41,118	31,913
Wyoming .....	313	34,941	70,727	422	152,083	189,257
<b>Water Resources Regions</b>						
Region 01 New England .....	322	1,327	380	179	1,671	797
Region 02 Mid-Atlantic .....	692	28,614	12,971	353	26,635	12,918
Region 03 South Atlantic-Gulf .....	1,269	90,115	70,928	746	94,743	64,289
Region 04 Great Lakes .....	551	48,047	20,410	463	107,896	69,634
Region 05 Ohio .....	329	8,604	3,715	313	31,865	23,249
Region 06 Tennessee .....	57	316	114	145	554	344
Region 07 Upper Mississippi .....	346	60,640	37,085	407	124,038	87,038
Region 08 Lower Mississippi .....	468	473,979	401,290	449	636,922	638,155
Region 09 Souris-Red-Rainy .....	58	33,731	18,854	36	36,487	17,648
Region 10 Missouri .....	1,904	549,224	494,208	1,618	735,051	676,340
Region 11 Arkansas-White-Red .....	564	290,492	361,940	595	391,901	483,150
Region 12 Texas-Gulf .....	610	128,614	189,199	890	370,558	504,319
Region 13 Rio Grande .....	408	11,203	29,719	338	13,889	24,088
Region 14 Upper Colorado .....	642	32,788	51,613	668	136,529	142,828
Region 15 Lower Colorado .....	309	116,385	631,776	223	103,998	574,713
Region 16 Great Basin .....	1,083	107,336	194,570	577	165,124	341,618
Region 17 Pacific Northwest .....	3,243	552,952	1,011,896	2,111	472,819	909,986
Region 18 California .....	3,519	332,425	973,175	2,670	503,808	1,550,533
Region 19 Alaska .....	32	243	123	19	19	17
Region 20 Hawaii .....	263	2,669	2,812	160	1,049	778

<sup>1</sup> Data include only positive responses and respondents could choose more than one source of information.

<sup>2</sup> Total may not add due to rounding.

<sup>3</sup> Acres irrigated and acre-feet applied are totals for all irrigation on these farms.