

Table 41. Barriers to Making Improvements to Reduce Energy Use or Conserve Water: 2008 and 2003

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

Geographic area	Total ¹				Investigating improvements not a priority		
	Farms	Land in farms (acres)	Acres irrigated	Acre-feet applied	Farms	Acres irrigated ²	Acre-feet applied ²
United States	2008 .. 131,988	107,035,754	24,119,889	39,253,905	46,825	7,275,728	12,058,774
	2003 .. 142,861	106,059,556	26,128,744	40,901,757	9,055	2,548,537	4,228,360
2008 DATA							
Alabama	511	270,681	41,798	22,693	185	10,117	5,523
Alaska	12	4,943	1,355	283	9	834	223
Arizona	1,867	2,150,077	389,218	1,961,414	846	126,478	617,356
Arkansas	2,426	3,071,446	2,088,186	4,174,636	795	568,483	1,057,520
California	28,577	8,553,704	2,975,828	9,221,834	11,508	840,947	2,784,571
Colorado	8,425	6,032,719	1,448,166	2,139,597	2,788	582,679	863,248
Connecticut	124	8,280	1,660	1,381	48	270	49
Delaware	205	142,907	45,773	33,280	83	18,307	14,331
Florida	3,870	995,762	500,581	650,448	1,032	125,042	172,915
Georgia	2,226	1,413,430	405,852	339,942	796	103,255	83,708
Hawaii	724	77,999	15,878	42,738	221	12,026	(D)
Idaho	9,323	2,851,790	1,381,555	2,574,439	2,634	310,048	579,687
Illinois	743	806,298	223,888	108,179	395	104,265	56,812
Indiana	821	941,363	243,258	116,781	369	110,648	52,633
Iowa	360	385,375	86,448	41,938	161	33,917	19,513
Kansas	2,489	5,113,056	1,121,198	1,327,538	721	281,771	384,809
Kentucky	605	244,991	23,215	10,985	265	9,825	4,283
Louisiana	1,036	972,424	426,929	419,830	465	159,471	153,182
Maine	141	46,709	4,982	871	65	611	159
Maryland	406	140,049	35,826	22,373	241	13,715	8,670
Massachusetts	413	25,848	7,639	4,619	170	4,253	2,481
Michigan	1,316	749,210	199,651	97,124	585	74,986	36,735
Minnesota	901	641,279	194,337	118,791	209	39,828	22,844
Mississippi	682	1,113,662	537,617	527,488	288	227,448	203,779
Missouri	1,167	1,150,231	548,616	457,786	520	164,571	132,709
Montana	5,389	10,882,900	981,957	1,273,846	1,451	311,890	496,370
Nebraska	7,576	12,934,804	3,581,625	3,021,250	2,545	741,139	689,165
Nevada	879	3,089,920	290,212	570,376	161	76,537	132,344
New Hampshire	67	6,235	434	129	28	73	26
New Jersey	380	72,334	28,276	20,931	137	10,513	7,557
New Mexico	6,925	9,272,110	421,094	799,818	2,932	170,620	319,912
New York	395	100,031	12,274	8,029	98	5,843	2,256
North Carolina	1,374	495,260	67,405	43,126	658	36,556	25,797
North Dakota	394	979,045	132,854	106,867	124	43,933	35,509
Ohio	267	75,963	12,329	5,302	182	10,252	4,187
Oklahoma	886	1,518,453	258,710	287,067	404	74,561	90,934
Oregon	7,174	3,332,330	718,953	1,314,267	1,836	186,459	350,911
Pennsylvania	831	102,787	11,003	9,696	490	6,619	7,408
Rhode Island	25	1,158	217	85	20	212	60
South Carolina	533	244,425	53,772	42,129	334	32,054	26,545
South Dakota	677	1,675,961	183,208	132,233	300	55,908	39,652
Tennessee	367	313,023	54,506	30,951	202	32,912	19,631
Texas	8,559	8,810,729	2,300,097	3,021,630	3,185	829,796	1,085,918
Utah	7,534	2,742,441	556,066	1,244,478	2,888	192,159	437,377
Vermont	46	7,150	360	175	20	89	9
Virginia	419	142,796	19,962	9,783	155	9,618	4,792
Washington	7,617	3,923,347	608,995	1,273,392	1,481	181,179	355,518
West Virginia	83	11,518	796	948	30	371	(D)
Wisconsin	716	456,191	103,066	76,710	298	49,359	29,957
Wyoming	3,505	7,940,610	772,264	1,543,697	1,467	293,281	603,643
Water Resources Regions							
Region 01 New England	780	91,026	14,984	7,089	335	5,439	2,776
Region 02 Mid-Atlantic	2,137	535,294	139,973	93,403	1,060	57,056	38,300
Region 03 South Atlantic-Gulf	8,722	3,509,449	1,072,388	1,101,909	3,084	313,300	319,983
Region 04 Great Lakes	2,033	1,122,093	269,577	152,503	860	114,148	58,397
Region 05 Ohio	1,500	1,047,513	201,464	92,480	763	102,782	48,600
Region 06 Tennessee	330	173,867	23,301	14,806	163	7,106	(D)
Region 07 Upper Mississippi	2,387	2,037,070	544,012	302,500	916	200,893	109,886
Region 08 Lower Mississippi	4,316	5,411,432	3,245,413	4,978,375	1,617	990,604	1,355,874
Region 09 Souris-Red-Rainy	233	440,372	78,127	51,072	80	21,809	12,699
Region 10 Missouri	18,517	36,166,685	6,061,555	6,403,446	6,173	1,599,090	1,962,618
Region 11 Arkansas-White-Red	6,193	14,728,242	2,536,000	3,393,173	1,831	812,593	1,162,078
Region 12 Texas-Gulf	7,336	5,829,213	1,525,145	1,973,304	2,886	576,715	700,732
Region 13 Rio Grande	6,344	4,854,787	549,722	1,101,142	2,319	159,375	358,101
Region 14 Upper Colorado	7,295	3,588,964	834,735	1,393,959	3,037	331,742	528,225
Region 15 Lower Colorado	2,260	2,209,932	416,171	2,071,523	1,094	145,436	701,413
Region 16 Great Basin	6,575	4,859,686	708,552	1,593,732	2,315	216,181	499,365
Region 17 Pacific Northwest	25,232	11,619,966	2,830,415	5,281,792	6,538	761,294	1,387,950
Region 18 California	29,062	8,727,221	3,031,122	9,204,676	11,524	847,305	2,772,162
Region 19 Alaska	12	4,943	1,355	283	9	834	223
Region 20 Hawaii	724	77,999	15,878	42,738	221	12,026	(D)

See footnote(s) at end of table.

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Table 41. Barriers to Making Improvements to Reduce Energy Use or Conserve Water: 2008 and 2003 - Con.

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

Geographic area	Risk of reduced yield or poor crop quality			Physical field/crop condition limit system improvements			Improvements will not reduce costs enough to cover installation costs		
	Farms	Acres irrigated ²	Acre-feet applied ²	Farms	Acres irrigated ²	Acre-feet applied ²	Farms	Acres irrigated ²	Acre-feet applied ²
United States	18,578	3,559,851	5,742,434	20,888	3,254,283	5,717,695	33,725	7,132,837	11,934,612
2003 ..	9,818	4,708,089	8,881,210	8,951	4,379,816	8,049,323	21,304	10,442,599	18,326,913
2008 DATA									
Alabama	54	7,593	3,877	36	4,032	2,617	108	14,152	7,854
Alaska	1	(D)	(D)	-	-	-	2	(D)	(D)
Arizona	314	43,359	197,244	191	52,928	285,587	113	74,454	405,689
Arkansas	355	363,468	631,344	195	215,570	430,124	566	672,025	1,366,433
California	6,904	518,786	1,570,471	8,219	475,868	1,522,380	7,426	1,047,357	3,392,938
Colorado	342	149,000	197,741	515	184,896	271,558	1,976	420,945	676,440
Connecticut	7	(D)	160	7	225	116	20	593	(D)
Delaware	57	13,722	9,149	12	1,783	1,853	56	7,036	4,949
Florida	451	52,419	64,807	657	53,091	104,365	575	133,943	137,160
Georgia	282	25,602	26,146	145	11,633	10,370	553	119,069	87,124
Hawaii	97	838	1,867	93	725	946	134	846	1,162
Idaho	1,281	221,505	390,929	1,576	327,748	629,184	3,149	372,797	633,562
Illinois	128	37,307	15,294	145	38,086	17,164	187	55,273	22,935
Indiana	104	41,675	20,654	89	16,065	6,299	81	21,228	34,356
Iowa	58	13,009	12,610	22	4,361	3,244	23	83,220	10,884
Kansas	440	227,624	270,419	222	131,770	192,681	721	375,507	434,685
Kentucky	131	5,186	2,348	60	2,773	1,311	132	6,967	3,807
Louisiana	123	95,677	93,365	98	87,728	79,265	252	129,603	115,482
Maine	5	322	(D)	1	(D)	(D)	42	2,251	413
Maryland	22	4,873	2,811	20	4,403	2,351	102	9,902	7,601
Massachusetts	88	480	402	45	292	105	147	2,532	1,041
Michigan	234	30,599	14,659	88	26,081	13,035	310	61,477	27,025
Minnesota	35	25,649	15,842	12	1,760	1,180	308	68,295	42,165
Mississippi	78	52,239	53,108	82	49,902	55,465	190	178,425	208,974
Missouri	293	122,257	108,434	235	54,120	44,821	227	157,135	124,025
Montana	572	93,049	137,309	1,091	109,202	148,008	1,950	290,477	335,391
Nebraska	1,255	673,229	696,873	1,670	647,936	589,908	1,866	1,066,039	984,982
Nevada	48	47,517	76,902	53	76,361	100,357	239	73,479	131,393
New Hampshire	20	288	87	9	(D)	43	18	254	(D)
New Jersey	57	3,980	3,690	49	3,779	2,659	49	7,020	5,172
New Mexico	368	60,567	130,067	594	44,072	89,009	1,555	57,446	116,569
New York	38	2,918	2,302	15	(D)	510	90	1,517	568
North Carolina	75	8,962	4,878	77	6,390	2,570	380	21,644	13,551
North Dakota	16	7,836	6,423	44	11,359	9,486	136	41,082	34,436
Ohio	24	1,633	585	9	1,724	549	52	2,860	1,537
Oklahoma	98	24,095	28,401	13	7,684	11,208	250	43,227	47,770
Oregon	560	82,220	140,296	1,048	120,228	207,203	3,060	333,023	581,205
Pennsylvania	115	961	605	104	692	489	64	2,045	874
Rhode Island	-	-	-	-	-	-	9	14	10
South Carolina	175	6,133	5,017	29	4,252	1,846	73	16,212	18,092
South Dakota	62	13,419	10,586	160	32,392	25,089	253	54,014	40,513
Tennessee	33	6,713	4,218	56	2,951	2,564	81	11,466	7,103
Texas	390	209,434	277,796	245	132,402	226,766	2,415	517,013	703,761
Utah	698	68,245	161,706	1,017	75,970	152,448	1,467	151,142	345,289
Vermont	2	(D)	(D)	-	-	-	4	4	5
Virginia	38	4,360	2,266	74	5,703	2,561	108	7,833	3,414
Washington	1,461	72,797	158,883	1,231	84,239	213,984	652	155,576	358,579
West Virginia	15	(D)	(D)	2	(D)	(D)	28	(D)	(D)
Wisconsin	102	24,105	23,804	55	8,766	5,812	259	35,600	21,985
Wyoming	472	93,501	165,925	478	131,347	248,585	1,076	228,206	434,584
Water Resources Regions									
Region 01 New England	120	1,315	708	62	856	(D)	236	5,644	2,386
Region 02 Mid-Atlantic	298	28,082	18,879	242	14,696	9,133	360	32,753	21,192
Region 03 South Atlantic-Gulf	1,063	104,079	108,500	974	82,955	125,491	1,716	303,817	261,981
Region 04 Great Lakes	301	45,143	25,143	140	31,313	15,100	477	90,884	42,014
Region 05 Ohio	245	40,002	18,078	139	20,676	9,318	378	57,396	22,825
Region 06 Tennessee	26	(D)	(D)	48	2,863	2,564	80	(D)	(D)
Region 07 Upper Mississippi	278	88,215	54,646	198	47,601	25,609	725	164,121	88,680
Region 08 Lower Mississippi	622	564,449	724,912	433	362,514	550,714	1,054	1,031,443	1,624,563
Region 09 Souris-Red-Rainy	10	4,732	3,107	20	3,786	(D)	54	22,736	15,274
Region 10 Missouri	2,660	989,152	1,099,654	3,430	1,007,623	1,060,100	5,389	1,824,039	2,001,163
Region 11 Arkansas-White-Red	674	386,855	622,544	341	223,861	334,620	1,694	671,646	944,504
Region 12 Texas-Gulf	278	107,688	129,390	204	89,502	164,590	1,920	314,557	425,248
Region 13 Rio Grande	251	45,870	91,862	442	34,005	74,112	1,680	147,390	278,954
Region 14 Upper Colorado	303	76,946	124,356	637	105,049	220,162	921	189,062	322,578
Region 15 Lower Colorado	336	45,669	199,323	276	55,610	292,409	145	79,884	429,434
Region 16 Great Basin	949	122,758	228,458	1,094	142,379	254,685	1,705	219,915	421,896
Region 17 Pacific Northwest	3,159	384,895	719,184	3,884	541,801	1,055,965	7,593	884,469	1,577,873
Region 18 California	6,907	521,486	1,571,011	8,231	486,468	1,519,970	7,462	1,083,398	3,445,872
Region 19 Alaska	1	(D)	(D)	-	-	-	2	(D)	(D)
Region 20 Hawaii	97	838	1,867	93	725	946	134	846	1,162

See footnote(s) at end of table.

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Table 41. Barriers to Making Improvements to Reduce Energy Use or Conserve Water: 2008 and 2003 - Con.

[Excludes institutional, research, and experimental farms and farms with horticulture. 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 ²	Acre-feet applied ²	Farms	Acres irrigated ²	Acre-feet applied ²	Farms	Acres irrigated ²	Acre-feet applied ²
United States	37,512	6,428,045	11,221,456	6,815	4,026,107	6,850,516	19,536	3,703,317	6,489,259
2003 ..	20,122	8,318,070	14,804,544	8,194	6,382,676	11,026,594	13,790	5,408,640	9,577,502
2008 DATA									
Alabama	97	10,012	5,226	5	1,514	1,180	70	4,113	2,139
Alaska	3	995	222	-	-	-	-	-	-
Arizona	844	104,168	544,529	58	109,197	602,661	355	37,610	208,255
Arkansas	807	761,984	1,473,040	688	788,829	1,503,783	168	170,290	281,662
California	5,365	732,336	2,563,354	427	408,676	1,492,869	5,729	685,633	2,221,331
Colorado	2,471	395,334	531,977	427	165,774	258,064	1,054	280,816	383,757
Connecticut	16	150	91	6	200	111	8	148	59
Delaware	21	5,842	5,424	23	2,046	1,494	16	6,900	5,025
Florida	647	64,154	62,541	28	11,857	22,336	134	20,541	19,279
Georgia	794	145,692	123,479	140	38,980	22,629	127	18,942	14,437
Hawaii	190	9,085	(D)	42	(D)	(D)	62	626	730
Idaho	3,957	516,020	960,300	430	169,000	300,212	1,953	240,730	495,522
Illinois	56	19,896	9,686	62	36,200	21,707	18	11,900	6,565
Indiana	120	21,050	9,375	41	25,087	7,338	8	5,565	2,160
Iowa	43	14,446	5,978	41	11,439	4,008	-	-	-
Kansas	647	186,413	224,688	369	273,511	318,385	427	307,584	373,359
Kentucky	130	1,714	625	54	1,415	875	47	561	376
Louisiana	190	95,374	97,245	148	101,685	103,411	56	25,786	37,349
Maine	11	472	107	-	-	-	8	427	71
Maryland	39	5,389	3,452	18	4,068	2,281	3	138	10
Massachusetts	78	1,531	792	7	147	147	38	190	95
Michigan	256	37,433	15,052	52	12,249	6,613	31	10,395	5,586
Minnesota	159	35,408	22,324	72	14,676	6,638	29	2,764	863
Mississippi	126	121,970	122,525	139	105,020	102,749	38	30,707	31,407
Missouri	334	114,335	89,142	173	108,265	94,576	59	24,524	22,439
Montana	1,329	234,443	238,001	191	90,328	93,520	736	169,008	137,678
Nebraska	1,233	700,554	696,644	829	746,112	615,083	502	410,996	321,898
Nevada	280	96,326	195,419	37	16,260	42,335	299	70,878	152,521
New Hampshire	13	236	55	3	12	5	4	180	36
New Jersey	132	6,950	5,273	11	972	1,145	62	2,485	2,125
New Mexico	2,519	112,713	195,855	52	21,343	55,022	1,741	104,174	165,199
New York	189	2,034	1,323	-	-	-	5	374	98
North Carolina	249	12,068	3,310	12	3,020	1,082	93	7,439	2,763
North Dakota	77	34,768	25,733	47	17,667	14,242	37	9,038	7,757
Ohio	48	2,035	1,264	4	2,020	1,015	10	1,669	619
Oklahoma	125	68,290	76,222	33	16,981	18,240	38	36,964	37,916
Oregon	4,346	302,999	545,999	391	125,098	226,402	1,051	136,992	252,787
Pennsylvania	74	1,172	772	-	-	-	13	610	208
Rhode Island	9	14	10	-	-	-	-	-	-
South Carolina	245	5,342	(D)	1	(D)	(D)	31	2,270	1,688
South Dakota	188	65,585	59,027	21	6,619	4,767	62	13,270	10,850
Tennessee	50	3,494	1,342	15	3,218	1,922	10	743	326
Texas	2,273	625,830	832,449	831	423,777	587,635	1,974	524,780	617,288
Utah	3,058	197,579	421,784	384	43,287	85,275	1,231	89,954	192,590
Vermont	17	127	115	-	-	-	-	-	-
Virginia	233	8,620	3,588	16	2,362	817	5	1,614	747
Washington	2,018	221,858	407,448	336	79,637	171,800	64	50,438	97,702
West Virginia	21	114	28	-	-	-	12	155	142
Wisconsin	175	34,305	26,356	69	11,401	5,742	11	1,956	1,096
Wyoming	1,210	289,386	577,495	82	25,796	50,084	1,107	180,440	372,392
Water Resources Regions									
Region 01 New England	131	2,411	1,056	16	359	262	58	945	261
Region 02 Mid-Atlantic	414	27,504	18,619	59	9,268	5,628	102	11,552	8,078
Region 03 South Atlantic-Gulf	2,160	236,209	197,375	202	57,830	50,232	442	53,094	40,208
Region 04 Great Lakes	471	55,027	29,321	73	19,821	11,612	49	13,806	7,030
Region 05 Ohio	293	22,869	10,899	88	30,279	9,470	64	5,486	3,373
Region 06 Tennessee	52	5,587	(D)	17	(D)	(D)	16	421	162
Region 07 Upper Mississippi	388	87,692	50,699	205	55,648	27,686	57	15,565	6,951
Region 08 Lower Mississippi	1,157	1,001,060	1,607,760	967	1,019,553	1,656,606	269	237,277	352,403
Region 09 Souris-Red-Rainy	36	17,303	11,080	23	5,966	3,969	6	3,220	2,212
Region 10 Missouri	4,254	1,307,704	1,529,909	1,542	994,227	898,893	2,694	867,500	867,325
Region 11 Arkansas-White-Red	1,525	561,407	771,151	554	480,823	664,400	1,152	544,050	697,952
Region 12 Texas-Gulf	1,878	384,796	518,724	704	268,491	367,862	1,542	369,670	461,936
Region 13 Rio Grande	2,643	200,677	350,963	91	49,314	149,807	1,846	154,866	213,820
Region 14 Upper Colorado	1,992	318,493	485,701	131	54,147	69,983	540	111,251	239,032
Region 15 Lower Colorado	936	108,875	555,523	142	110,289	608,012	425	41,606	216,746
Region 16 Great Basin	2,710	279,780	572,839	321	62,147	117,648	1,703	134,588	310,546
Region 17 Pacific Northwest	10,449	1,018,000	1,821,803	1,180	370,057	666,545	2,482	421,690	779,548
Region 18 California	5,830	782,571	2,653,438	458	436,592	1,540,762	6,027	716,104	2,280,947
Region 19 Alaska	3	995	222	-	-	-	-	-	-
Region 20 Hawaii	190	9,085	(D)	42	(D)	(D)	62	626	730

See footnote(s) at end of table.

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Table 41. Barriers to Making Improvements to Reduce Energy Use or Conserve Water: 2008 and 2003 - Con.

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

Geographic area	Will not be farming this operation long enough to justify improvements			Other		
	Farms	Acres irrigated ²	Acre-feet applied ²	Farms	Acres irrigated ²	Acre-feet applied ²
United States	17,280	2,451,156	3,879,158	14,272	2,814,618	4,767,103
2003	6,204	1,798,301	3,672,011	15,995	5,820,210	10,807,884
2008 DATA						
Alabama	44	904	406	74	6,637	2,977
Alaska	2	(D)	(D)	-	-	-
Arizona	355	35,365	196,255	440	64,016	313,329
Arkansas	226	237,606	482,235	96	107,753	281,925
California	4,420	272,740	825,254	2,223	526,092	1,417,991
Colorado	1,098	152,075	243,095	2,276	176,617	256,265
Connecticut	32	265	105	11	(D)	95
Delaware	41	7,456	4,839	22	6,142	4,950
Florida	432	32,007	40,160	820	163,856	247,149
Georgia	213	23,224	15,558	202	62,541	58,067
Hawaii	143	855	1,882	139	1,395	3,699
Idaho	583	105,428	209,291	777	137,627	351,167
Illinois	89	19,310	9,650	58	30,001	17,509
Indiana	79	18,764	6,676	68	27,002	15,057
Iowa	51	12,199	4,188	28	7,904	4,270
Kansas	258	87,918	94,954	292	131,431	154,212
Kentucky	64	1,366	811	22	625	274
Louisiana	96	20,966	30,202	26	22,014	16,211
Maine	-	-	-	33	2,292	313
Maryland	53	7,181	3,255	47	3,765	1,741
Massachusetts	51	331	44	3	525	704
Michigan	50	14,644	7,300	117	33,737	19,821
Minnesota	155	17,340	9,647	174	25,106	17,754
Mississippi	141	59,179	51,906	26	20,218	15,854
Missouri	231	40,555	31,224	139	57,220	40,618
Montana	540	96,719	128,327	465	115,566	171,995
Nebraska	933	387,143	323,381	573	376,233	262,501
Nevada	40	13,519	34,084	189	40,512	87,635
New Hampshire	7	33	9	14	(D)	5
New Jersey	71	12,652	9,276	39	1,093	847
New Mexico	842	28,875	64,823	153	38,940	51,081
New York	25	970	1,374	67	1,205	1,543
North Carolina	88	4,272	1,949	157	4,465	1,391
North Dakota	55	12,823	9,388	42	14,271	11,701
Ohio	30	1,627	666	8	960	587
Oklahoma	19	8,824	21,345	118	66,628	62,381
Oregon	824	45,517	78,612	135	71,796	149,643
Pennsylvania	131	1,458	565	49	323	124
Rhode Island	5	5	25	-	-	-
South Carolina	68	6,480	7,365	13	5,808	3,943
South Dakota	48	15,095	13,103	36	26,620	5,103
Tennessee	35	558	353	38	9,527	5,654
Texas	1,549	387,366	478,210	1,065	235,826	248,960
Utah	1,070	66,917	141,856	900	47,143	121,981
Vermont	-	-	-	5	140	46
Virginia	26	2,837	1,413	8	160	96
Washington	1,575	110,204	185,886	1,996	108,148	253,001
West Virginia	18	(D)	(D)	11	271	30
Wisconsin	120	10,002	5,047	17	4,285	1,804
Wyoming	254	69,364	103,121	61	29,678	83,102
Water Resources Regions						
Region 01 New England	95	634	182	63	3,345	1,118
Region 02 Mid-Atlantic	300	31,856	19,686	205	12,744	9,281
Region 03 South Atlantic-Gulf	870	69,031	68,364	1,252	243,604	314,415
Region 04 Great Lakes	138	22,205	10,487	180	43,198	24,843
Region 05 Ohio	160	12,036	5,776	85	26,244	15,376
Region 06 Tennessee	28	(D)	(D)	32	3,119	1,611
Region 07 Upper Mississippi	335	51,312	22,359	223	48,098	28,465
Region 08 Lower Mississippi	496	332,242	562,857	198	188,929	331,992
Region 09 Souris-Red-Rainy	24	4,461	3,432	35	12,074	8,036
Region 10 Missouri	2,668	677,688	722,131	1,452	616,724	614,576
Region 11 Arkansas-White-Red	495	190,475	247,938	742	337,092	357,434
Region 12 Texas-Gulf	1,334	298,880	358,488	1,012	135,811	141,917
Region 13 Rio Grande	956	49,741	115,752	126	63,846	135,856
Region 14 Upper Colorado	263	52,896	79,563	2,053	96,907	146,662
Region 15 Lower Colorado	356	36,544	202,000	554	67,016	328,217
Region 16 Great Basin	1,054	79,006	227,473	573	38,417	94,765
Region 17 Pacific Northwest	2,992	274,384	478,885	3,124	344,463	779,098
Region 18 California	4,571	266,355	751,579	2,224	531,592	1,429,741
Region 19 Alaska	2	(D)	(D)	-	-	-
Region 20 Hawaii	143	855	1,882	139	1,395	3,699

¹ Data for 2008 include only positive responses and respondents could choose more than one source of information.

² Acres irrigated and acre-feet applied are totals for all irrigation on these farms.