

**Table 3. Estimated Quantity of Water Applied to Crops Grown Under Protection on Irrigated Horticultural Operations by Method of Distribution and Water Source: 2008**

[Totals may not add due to rounding. Excludes abnormal operations. For meaning of abbreviations and symbols, see introductory text]

Geographic area	All methods								
	Operations	Square feet irrigated	Gallons applied (1,000)	Water source					
				Ground water (from wells)		On-farm surface water		Water from off-farm suppliers	
				Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)
United States .....	20,610	1,369,090,815	25,768,753	14,796	15,979,605	3,520	6,600,479	4,785	3,188,668
Alabama .....	248	19,793,413	425,848	146	307,729	45	98,904	96	19,216
Alaska .....	69	493,524	1,671	57	1,583	8	5	12	83
Arizona .....	111	41,872,084	997,810	77	676,163	12	207,921	38	113,727
Arkansas .....	110	4,384,340	43,599	52	5,684	7	3,497	53	34,419
California .....	1,636	221,413,474	3,950,979	944	2,120,403	226	662,546	676	1,168,030
Colorado .....	176	6,920,954	86,149	75	29,608	18	16,354	99	40,188
Connecticut .....	318	17,408,464	83,464	209	44,352	88	28,156	66	10,956
Delaware .....	88	1,600,512	11,572	68	5,826	11	1,859	20	3,887
Florida .....	1,377	338,298,971	9,144,430	1,247	7,383,134	234	1,466,388	100	294,908
Georgia .....	305	22,951,834	644,814	250	367,392	48	273,270	62	3,702
Hawaii .....	562	28,749,930	266,305	177	86,569	104	79,195	311	100,541
Idaho .....	140	2,288,790	9,982	99	3,924	10	201	38	5,858
Illinois .....	482	44,801,203	340,178	385	84,948	101	245,801	61	9,429
Indiana .....	393	7,015,798	51,722	267	36,094	69	11,200	114	4,428
Iowa .....	215	15,482,226	203,774	169	41,982	35	49,132	36	112,660
Kansas .....	189	7,180,898	53,840	121	16,923	23	21,988	69	14,929
Kentucky .....	564	13,318,362	111,348	137	22,130	128	48,631	334	40,587
Louisiana .....	236	9,920,738	156,126	203	85,369	50	49,998	19	20,759
Maine .....	354	6,833,315	61,892	311	30,899	50	23,722	39	7,271
Maryland .....	307	10,791,959	96,320	257	66,216	40	26,655	35	3,449
Massachusetts .....	448	9,508,662	93,683	272	64,817	31	6,246	163	22,620
Michigan .....	1,043	62,986,691	795,444	831	475,326	110	101,189	207	218,929
Minnesota .....	350	19,742,327	328,008	305	289,967	27	2,069	43	35,971
Mississippi .....	146	6,062,850	64,643	129	58,147	10	6,307	13	189
Missouri .....	370	14,167,884	169,785	276	64,494	63	68,586	75	36,705
Montana .....	203	1,391,172	17,206	186	14,486	11	497	29	2,223
Nebraska .....	137	1,796,561	12,267	126	10,184	16	2,064	6	19
Nevada .....	17	46,725	1,310	11	1,003	6	(Z)	6	306
New Hampshire .....	241	4,013,644	82,426	214	78,687	35	2,416	12	1,323
New Jersey .....	613	44,443,422	385,431	538	333,486	100	34,485	77	17,460
New Mexico .....	92	7,769,978	86,860	80	83,740	6	6	18	3,115
New York .....	951	21,380,080	322,320	684	161,527	163	77,448	212	83,345
North Carolina .....	828	33,926,877	561,950	680	106,013	228	441,233	81	14,703
North Dakota .....	27	742,626	7,901	27	7,352	9	516	9	34
Ohio .....	807	36,921,081	398,445	526	159,912	216	206,531	174	32,002
Oklahoma .....	184	2,863,686	12,095	99	1,830	42	9,100	67	1,164
Oregon .....	1,099	45,513,689	1,061,588	796	458,883	238	437,006	221	165,700
Pennsylvania .....	1,353	64,534,712	558,752	1,106	231,966	231	250,182	178	76,604
Rhode Island .....	133	1,315,996	9,031	71	4,184	50	2,625	38	2,223
South Carolina .....	170	6,713,170	225,068	139	43,713	22	180,605	11	750
South Dakota .....	52	478,832	6,712	24	2,857	4	35	24	3,821
Tennessee .....	576	9,603,037	252,018	311	110,791	133	83,692	215	57,536
Texas .....	720	94,533,909	2,425,360	452	1,207,984	162	968,916	250	248,459
Utah .....	93	8,375,468	100,432	45	21,301	4	6,720	54	72,411
Vermont .....	239	3,228,820	38,652	154	18,510	95	8,509	34	11,633
Virginia .....	386	14,769,134	371,391	278	41,312	102	325,143	45	4,935
Washington .....	506	17,603,094	415,542	357	371,604	45	2,405	129	41,533
West Virginia .....	138	1,918,400	17,405	76	10,692	25	1,039	47	5,673
Wisconsin .....	778	10,605,423	193,349	741	123,990	29	59,035	46	10,325
Wyoming .....	30	612,076	11,854	11	3,920	-	-	23	7,934
<b>Water Resources Regions</b>									
Region 01 New England .....	1,569	39,551,779	339,923	1,135	235,846	278	59,181	330	44,896
Region 02 Mid-Atlantic .....	3,102	126,858,705	1,332,748	2,566	773,647	564	449,905	363	109,196
Region 03 South Atlantic-Gulf .....	2,945	423,432,868	10,962,565	2,520	8,168,274	574	2,473,452	313	320,838
Region 04 Great Lakes .....	2,108	103,282,299	1,251,889	1,594	636,865	280	307,332	425	307,692
Region 05 Ohio .....	1,924	56,636,700	667,468	940	187,318	446	379,929	775	100,220
Region 06 Tennessee .....	601	15,810,663	310,164	368	187,306	127	70,876	180	51,982
Region 07 Upper Mississippi .....	1,551	81,222,769	938,967	1,332	500,256	189	309,162	173	129,550
Region 08 Lower Mississippi .....	348	8,410,152	190,458	268	139,543	49	18,836	61	32,079
Region 09 Souris-Red-Rainy .....	40	735,226	7,952	35	(D)	14	(D)	9	34
Region 10 Missouri .....	777	30,080,101	314,121	560	78,543	85	124,958	227	110,620
Region 11 Arkansas-White-Red .....	513	12,291,954	113,966	313	31,891	87	25,672	153	56,403
Region 12 Texas-Gulf .....	676	93,820,321	2,400,723	415	1,197,698	156	968,356	243	234,669
Region 13 Rio Grande .....	72	733,858	16,500	72	14,550	-	-	12	1,950
Region 14 Upper Colorado .....	43	2,238,570	35,804	10	(D)	12	(D)	27	17,860
Region 15 Lower Colorado .....	129	49,342,484	1,069,316	89	747,363	12	207,921	44	114,033
Region 16 Great Basin .....	99	7,951,793	100,236	51	(D)	10	(D)	54	72,411
Region 17 Pacific Northwest .....	1,829	65,926,365	1,496,668	1,338	841,366	299	439,984	392	215,317
Region 18 California .....	1,653	221,520,754	3,951,309	956	2,120,468	226	662,546	681	1,168,295
Region 19 Alaska .....	69	493,524	1,671	57	1,583	8	5	12	83
Region 20 Hawaii .....	562	28,749,930	266,305	177	86,569	104	79,195	311	100,541

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**Table 3. Estimated Quantity of Water Applied to Crops Grown Under Protection on Irrigated Horticultural Operations by Method of Distribution and Water Source: 2008 - Con.**

[Totals may not add due to rounding. Excludes abnormal operations. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Hand watered								
	Operations	Square feet irrigated	Gallons applied (1,000)	Water source					
				Ground water (from wells)		On-farm surface water		Water from off-farm suppliers	
				Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)
United States .....	14,535	338,548,915	3,720,238	10,220	2,015,279	1,981	586,832	3,641	1,118,127
Alabama .....	131	2,335,232	17,899	54	(D)	18	(D)	71	11,847
Alaska .....	57	440,324	1,384	45	1,296	8	5	12	83
Arizona .....	76	1,450,623	14,111	61	(D)	-	-	16	(D)
Arkansas .....	85	3,900,200	40,209	41	3,320	5	3,120	39	33,769
California .....	947	43,357,705	553,338	462	205,517	128	44,090	440	303,731
Colorado .....	135	4,250,972	46,520	57	13,918	6	340	79	32,262
Connecticut .....	265	5,425,748	41,313	167	24,108	72	(D)	60	(D)
Delaware .....	68	827,248	6,845	48	3,874	10	1,770	20	1,202
Florida .....	317	5,626,925	(D)	277	80,572	52	(D)	40	(D)
Georgia .....	168	4,570,316	58,371	136	55,365	14	(D)	38	(D)
Hawaii .....	244	3,248,257	16,651	85	11,033	46	(D)	120	(D)
Idaho .....	110	1,166,760	3,289	79	1,456	-	-	38	1,833
Illinois .....	376	6,236,125	56,392	317	43,933	57	7,524	41	4,934
Indiana .....	321	4,438,748	40,288	219	30,319	39	6,476	90	3,493
Iowa .....	179	9,885,700	145,814	134	27,838	25	47,416	30	70,560
Kansas .....	165	2,891,456	29,330	108	11,139	14	3,570	62	14,621
Kentucky .....	435	6,233,848	47,276	104	19,577	100	5,087	266	22,612
Louisiana .....	87	1,146,612	6,146	61	1,267	7	1,400	19	3,479
Maine .....	308	2,875,902	32,773	274	25,539	41	3,814	33	3,420
Maryland .....	232	5,132,866	51,628	191	33,112	29	16,141	35	2,375
Massachusetts .....	416	6,744,482	67,645	253	41,076	24	(D)	150	(D)
Michigan .....	894	45,013,899	493,070	703	300,795	75	38,339	184	153,936
Minnesota .....	318	13,308,060	165,622	273	137,620	22	2,042	43	25,960
Mississippi .....	75	832,720	14,430	68	14,367	-	-	7	63
Missouri .....	291	8,527,360	89,323	209	25,751	44	45,493	63	18,079
Montana .....	174	1,285,762	14,378	163	12,041	11	435	23	1,902
Nebraska .....	132	1,619,061	11,884	121	9,916	16	1,949	6	19
Nevada .....	11	21,525	368	5	62	-	-	6	306
New Hampshire .....	199	3,242,745	34,162	172	32,127	30	(D)	12	(D)
New Jersey .....	434	9,453,444	71,719	373	64,478	53	3,611	66	3,630
New Mexico .....	73	579,494	10,176	61	8,978	6	6	12	1,192
New York .....	829	15,060,526	157,263	599	103,024	114	(D)	178	(D)
North Carolina .....	516	5,994,836	68,535	434	52,798	80	7,365	49	8,372
North Dakota .....	27	720,126	7,887	27	7,339	9	514	9	34
Ohio .....	614	9,805,411	105,384	400	53,319	116	29,267	147	22,797
Oklahoma .....	142	1,389,459	3,840	75	(D)	34	2,439	49	(D)
Oregon .....	603	7,876,424	119,579	415	64,652	110	10,786	144	44,141
Pennsylvania .....	1,123	40,872,837	387,996	924	154,062	183	190,714	139	43,220
Rhode Island .....	119	1,021,296	6,531	64	(D)	36	(D)	38	(D)
South Carolina .....	91	639,654	21,052	70	18,425	15	(D)	8	(D)
South Dakota .....	40	461,976	5,137	16	1,685	4	35	20	3,418
Tennessee .....	411	4,290,187	67,717	219	21,363	44	3,281	182	43,073
Texas .....	537	16,390,571	218,328	306	104,106	87	40,879	219	73,343
Utah .....	78	7,004,798	67,563	40	16,625	4	6,720	44	44,218
Vermont .....	182	2,042,546	17,432	115	(D)	71	(D)	34	11,470
Virginia .....	284	2,643,852	(D)	222	15,417	57	1,580	39	(D)
Washington .....	393	7,971,934	67,688	263	55,723	33	2,023	111	9,942
West Virginia .....	132	1,517,600	11,702	70	6,617	20	960	47	4,125
Wisconsin .....	665	6,356,805	83,753	633	74,090	12	170	40	9,492
Wyoming .....	26	417,958	8,615	7	1,949	-	-	23	6,666
<b>Water Resources Regions</b>									
Region 01 New England .....	1,350	19,125,269	179,532	968	128,206	209	15,015	305	36,311
Region 02 Mid-Atlantic .....	2,438	51,295,651	472,516	2,023	337,252	385	60,036	318	75,228
Region 03 South Atlantic-Gulf .....	1,206	18,584,230	250,444	979	209,148	176	24,524	182	16,771
Region 04 Great Lakes .....	1,769	56,440,051	608,329	1,334	362,825	172	69,519	370	175,985
Region 05 Ohio .....	1,522	37,342,792	364,140	735	109,585	297	194,016	625	60,539
Region 06 Tennessee .....	464	5,880,817	79,553	294	34,079	60	3,078	146	42,397
Region 07 Upper Mississippi .....	1,308	27,545,574	336,994	1,139	265,556	107	(D)	141	(D)
Region 08 Lower Mississippi .....	177	2,132,214	23,648	110	12,314	12	(D)	55	(D)
Region 09 Souris-Red-Rainy .....	40	712,126	7,938	35	(D)	14	(D)	9	34
Region 10 Missouri .....	681	21,743,553	246,101	479	54,124	67	92,019	203	99,958
Region 11 Arkansas-White-Red .....	387	7,290,457	61,491	242	9,420	66	9,307	109	42,764
Region 12 Texas-Gulf .....	499	15,749,043	211,476	275	101,400	81	40,723	212	69,353
Region 13 Rio Grande .....	60	528,374	9,590	60	9,563	-	-	6	27
Region 14 Upper Colorado .....	26	1,022,320	15,247	6	(D)	-	-	20	(D)
Region 15 Lower Colorado .....	82	1,471,023	14,417	61	(D)	-	-	22	(D)
Region 16 Great Basin .....	83	7,005,923	67,625	45	(D)	4	(D)	44	44,218
Region 17 Pacific Northwest .....	1,184	17,529,292	199,529	837	128,543	149	13,182	297	57,804
Region 18 California .....	958	43,461,625	553,632	468	205,546	128	44,090	445	303,996
Region 19 Alaska .....	57	440,324	1,384	45	1,296	8	5	12	83
Region 20 Hawaii .....	244	3,248,257	16,651	85	11,033	46	(D)	120	(D)

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**Table 3. Estimated Quantity of Water Applied to Crops Grown Under Protection on Irrigated Horticultural Operations by Method of Distribution and Water Source: 2008 - Con.**

[Totals may not add due to rounding. Excludes abnormal operations. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Gravity irrigation								
	Operations	Square feet irrigated	Gallons applied (1,000)	Water source					
				Ground water (from wells)		On-farm surface water		Water from off-farm suppliers	
				Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)
United States .....	191	14,584,204	223,036	126	39,076	59	67,783	29	116,177
Alabama .....	-	-	-	-	-	-	-	-	-
Alaska .....	-	-	-	-	-	-	-	-	-
Arizona .....	-	-	-	-	-	-	-	-	-
Arkansas .....	-	-	-	-	-	-	-	-	-
California .....	29	7,779,250	201,443	17	20,803	5	64,800	12	115,840
Colorado .....	6	(D)	17	-	-	6	17	-	-
Connecticut .....	-	-	-	-	-	-	-	-	-
Delaware .....	-	-	-	-	-	-	-	-	-
Florida .....	12	3,504,200	4,372	12	4,372	-	-	-	-
Georgia .....	6	1,306,800	1,307	6	1,307	-	-	-	-
Hawaii .....	7	192,500	(D)	-	-	7	(D)	7	(D)
Idaho .....	7	21,000	168	7	168	-	-	-	-
Illinois .....	-	-	-	-	-	-	-	-	-
Indiana .....	-	-	-	-	-	-	-	-	-
Iowa .....	2	(D)	(D)	-	-	2	(D)	-	-
Kansas .....	-	-	-	-	-	-	-	-	-
Kentucky .....	-	-	-	-	-	-	-	-	-
Louisiana .....	-	-	-	-	-	-	-	-	-
Maine .....	-	-	-	-	-	-	-	-	-
Maryland .....	-	-	-	-	-	-	-	-	-
Massachusetts .....	-	-	-	-	-	-	-	-	-
Michigan .....	16	800,000	1,378	10	(D)	6	(D)	-	-
Minnesota .....	-	-	-	-	-	-	-	-	-
Mississippi .....	-	-	-	-	-	-	-	-	-
Missouri .....	6	6,300	(D)	6	(D)	-	-	-	-
Montana .....	-	-	-	-	-	-	-	-	-
Nebraska .....	-	-	-	-	-	-	-	-	-
Nevada .....	-	-	-	-	-	-	-	-	-
New Hampshire .....	5	45,000	608	-	-	5	608	-	-
New Jersey .....	-	-	-	-	-	-	-	-	-
New Mexico .....	-	-	-	-	-	-	-	-	-
New York .....	11	86,000	(D)	-	-	11	(D)	-	-
North Carolina .....	-	-	-	-	-	-	-	-	-
North Dakota .....	-	-	-	-	-	-	-	-	-
Ohio .....	-	-	-	-	-	-	-	-	-
Oklahoma .....	-	-	-	-	-	-	-	-	-
Oregon .....	30	175,064	3,007	14	2,512	6	(D)	10	(D)
Pennsylvania .....	6	141,120	1,128	6	1,128	-	-	-	-
Rhode Island .....	-	-	-	-	-	-	-	-	-
South Carolina .....	-	-	-	-	-	-	-	-	-
South Dakota .....	-	-	-	-	-	-	-	-	-
Tennessee .....	-	-	-	-	-	-	-	-	-
Texas .....	38	455,170	7,782	38	7,665	6	118	-	-
Utah .....	-	-	-	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-	-	-	-
Virginia .....	-	-	-	-	-	-	-	-	-
Washington .....	10	30,000	108	10	(D)	5	(D)	-	-
West Virginia .....	-	-	-	-	-	-	-	-	-
Wisconsin .....	-	-	-	-	-	-	-	-	-
Wyoming .....	-	-	-	-	-	-	-	-	-
<b>Water Resources Regions</b>									
Region 01 New England .....	5	45,000	608	-	-	5	608	-	-
Region 02 Mid-Atlantic .....	12	177,120	1,488	6	(D)	6	(D)	-	-
Region 03 South Atlantic-Gulf .....	18	4,811,000	5,679	18	5,679	-	-	-	-
Region 04 Great Lakes .....	21	850,000	1,878	10	(D)	11	(D)	-	-
Region 05 Ohio .....	-	-	-	-	-	-	-	-	-
Region 06 Tennessee .....	-	-	-	-	-	-	-	-	-
Region 07 Upper Mississippi .....	2	(D)	(D)	-	-	2	(D)	-	-
Region 08 Lower Mississippi .....	-	-	-	-	-	-	-	-	-
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-	-	-
Region 10 Missouri .....	6	(D)	(D)	6	(D)	-	-	-	-
Region 11 Arkansas-White-Red .....	-	-	-	-	-	-	-	-	-
Region 12 Texas-Gulf .....	38	455,170	7,782	38	7,665	6	118	-	-
Region 13 Rio Grande .....	-	-	-	-	-	-	-	-	-
Region 14 Upper Colorado .....	6	1,800	17	-	-	6	17	-	-
Region 15 Lower Colorado .....	-	-	-	-	-	-	-	-	-
Region 16 Great Basin .....	-	-	-	-	-	-	-	-	-
Region 17 Pacific Northwest .....	47	226,064	3,283	31	(D)	11	(D)	10	(D)
Region 18 California .....	29	7,779,250	201,443	17	20,803	5	64,800	12	115,840
Region 19 Alaska .....	-	-	-	-	-	-	-	-	-
Region 20 Hawaii .....	7	192,500	(D)	-	-	7	(D)	7	(D)

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**Table 3. Estimated Quantity of Water Applied to Crops Grown Under Protection on Irrigated Horticultural Operations by Method of Distribution and Water Source: 2008 - Con.**

[Totals may not add due to rounding. Excludes abnormal operations. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Sprinkler								
	Operations	Square feet irrigated	Gallons applied (1,000)	Water source					
				Ground water (from wells)		On-farm surface water		Water from off-farm suppliers	
				Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)
United States .....	6,328	752,511,338	16,586,309	4,567	10,219,216	1,450	5,050,157	1,230	1,316,935
Alabama .....	129	14,126,346	403,055	93	302,547	34	(D)	24	(D)
Alaska .....	-	-	-	-	-	-	-	-	-
Arizona .....	40	3,824,535	97,366	32	(D)	3	(D)	12	49,955
Arkansas .....	30	416,488	2,545	16	1,576	2	(D)	14	(D)
California .....	579	87,859,901	1,740,884	380	883,639	100	401,220	197	456,026
Colorado .....	39	2,183,012	31,427	28	11,938	7	15,997	10	3,492
Connecticut .....	65	9,065,929	(D)	41	4,375	27	19,675	8	(D)
Delaware .....	41	380,264	3,456	31	1,193	11	89	10	2,175
Florida .....	1,001	285,101,956	8,255,537	931	6,684,968	167	1,283,254	34	287,315
Georgia .....	115	14,770,998	570,669	91	298,600	39	271,880	18	189
Hawaii .....	324	17,320,275	118,476	92	13,330	54	20,868	194	84,279
Idaho .....	31	784,110	2,835	21	2,155	3	130	7	550
Illinois .....	125	35,928,652	250,376	91	34,624	51	211,992	9	3,759
Indiana .....	87	1,186,622	5,627	63	2,869	18	2,594	24	164
Iowa .....	37	4,503,050	44,668	26	(D)	6	(D)	9	31,628
Kansas .....	16	4,192,642	22,558	7	4,140	9	18,418	-	-
Kentucky .....	87	5,346,880	51,222	12	812	28	40,342	53	10,068
Louisiana .....	149	8,367,086	134,369	136	68,491	43	48,598	6	17,280
Maine .....	42	182,300	955	42	798	11	157	-	-
Maryland .....	72	3,740,159	26,859	62	21,192	17	5,547	6	120
Massachusetts .....	28	1,009,122	(D)	28	(D)	-	-	-	-
Michigan .....	279	19,561,671	140,225	216	63,819	34	47,409	56	28,997
Minnesota .....	98	11,134,630	86,780	89	76,772	-	-	13	10,008
Mississippi .....	59	2,063,460	20,568	56	20,275	3	294	-	-
Missouri .....	88	3,174,620	65,666	61	37,798	14	(D)	32	(D)
Montana .....	27	109,520	532	21	167	5	62	12	303
Nebraska .....	-	-	-	-	-	-	-	-	-
Nevada .....	-	-	-	-	-	-	-	-	-
New Hampshire .....	31	901,785	(D)	31	(D)	5	(D)	-	-
New Jersey .....	234	29,948,625	194,229	208	151,063	50	29,599	10	13,566
New Mexico .....	-	-	-	-	-	-	-	-	-
New York .....	156	3,938,672	72,030	117	32,448	26	36,706	25	2,876
North Carolina .....	278	16,916,462	365,236	169	(D)	155	342,557	32	(D)
North Dakota .....	-	-	-	-	-	-	-	-	-
Ohio .....	200	23,152,994	240,758	92	60,185	80	173,831	34	6,742
Oklahoma .....	68	824,007	7,829	41	(D)	9	6,653	26	(D)
Oregon .....	523	36,112,885	886,935	388	(D)	136	417,011	97	(D)
Pennsylvania .....	201	18,300,876	113,701	160	30,638	51	54,579	32	28,484
Rhode Island .....	13	159,900	1,037	6	(D)	7	(D)	-	-
South Carolina .....	50	5,145,251	180,510	44	(D)	3	168,899	3	(D)
South Dakota .....	4	151,360	1,008	4	1,008	-	-	-	-
Tennessee .....	224	4,513,128	140,933	136	60,352	73	72,909	45	7,672
Texas .....	286	53,807,546	1,554,354	169	551,979	95	911,090	102	91,285
Utah .....	21	625,670	7,945	7	(D)	-	-	14	(D)
Vermont .....	39	72,960	876	19	(D)	13	(D)	7	(D)
Virginia .....	147	10,485,167	318,084	95	15,643	51	299,939	12	2,503
Washington .....	147	9,039,760	325,792	124	(D)	5	42	21	(D)
West Virginia .....	21	295,500	4,319	6	3,226	-	-	15	1,094
Wisconsin .....	90	1,742,444	45,089	85	16,401	5	28,688	-	-
Wyoming .....	7	42,118	548	-	-	-	-	7	548
<b>Water Resources Regions</b>									
Region 01 New England .....	191	11,346,036	50,857	154	(D)	56	20,564	8	(D)
Region 02 Mid-Atlantic .....	769	60,767,243	598,886	622	238,047	174	333,053	67	27,786
Region 03 South Atlantic-Gulf .....	1,589	336,655,699	9,716,870	1,360	7,250,037	403	2,175,300	86	291,533
Region 04 Great Lakes .....	522	44,185,961	398,274	384	129,457	104	217,952	85	50,864
Region 05 Ohio .....	402	13,513,748	237,281	159	(D)	129	177,069	162	(D)
Region 06 Tennessee .....	164	7,214,150	189,871	107	123,002	50	61,270	34	5,599
Region 07 Upper Mississippi .....	294	53,292,122	423,021	228	128,338	56	239,883	44	54,800
Region 08 Lower Mississippi .....	191	6,548,670	141,658	173	110,057	30	(D)	18	(D)
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-	-	-
Region 10 Missouri .....	97	4,486,474	49,130	64	17,700	23	24,044	37	7,386
Region 11 Arkansas-White-Red .....	141	4,386,175	39,366	88	12,550	29	16,317	41	10,499
Region 12 Texas-Gulf .....	273	53,374,346	1,543,542	163	551,372	89	910,686	95	81,485
Region 13 Rio Grande .....	5	15,000	225	5	225	-	-	-	-
Region 14 Upper Colorado .....	6	1,073,740	16,770	-	-	6	(D)	2	(D)
Region 15 Lower Colorado .....	40	3,824,535	97,366	32	(D)	3	(D)	12	49,955
Region 16 Great Basin .....	21	625,670	7,945	7	(D)	-	-	14	(D)
Region 17 Pacific Northwest .....	720	46,021,593	1,215,887	549	652,089	144	417,182	134	146,616
Region 18 California .....	579	87,859,901	1,740,884	380	883,639	100	401,220	197	456,026
Region 19 Alaska .....	-	-	-	-	-	-	-	-	-
Region 20 Hawaii .....	324	17,320,275	118,476	92	13,330	54	20,868	194	84,279

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**Table 3. Estimated Quantity of Water Applied to Crops Grown Under Protection on Irrigated Horticultural Operations by Method of Distribution and Water Source: 2008 - Con.**

[Totals may not add due to rounding. Excludes abnormal operations. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Drip, trickle, or low-flow micro irrigation								
	Operations	Square feet irrigated	Gallons applied (1,000)	Water source					
				Ground water (from wells)		On-farm surface water		Water from off-farm suppliers	
				Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)
United States .....	6,336	371,620,978	4,946,370	4,595	3,610,778	957	763,334	1,418	572,257
Alabama .....	71	3,633,401	4,895	40	(D)	11	(D)	31	(D)
Alaska .....	28	87,280	287	28	287	-	-	-	-
Arizona .....	46	35,927,810	853,546	35	625,032	9	(D)	6	(D)
Arkansas .....	19	71,652	845	11	788	2	(D)	6	(D)
California .....	570	110,645,964	1,396,511	368	962,901	59	146,007	217	287,602
Colorado .....	36	545,170	8,186	14	3,752	-	-	22	4,434
Connecticut .....	137	3,411,087	16,373	99	15,869	33	(D)	10	(D)
Delaware .....	29	403,000	1,270	19	760	-	-	10	510
Florida .....	374	55,164,918	778,419	321	611,876	50	(D)	36	(D)
Georgia .....	75	6,604,232	13,160	69	10,814	2	(D)	6	(D)
Hawaii .....	118	9,088,398	130,589	65	62,206	12	56,628	48	11,755
Idaho .....	39	663,560	3,691	22	145	7	71	10	3,474
Illinois .....	141	2,504,726	9,410	103	6,390	25	2,284	19	736
Indiana .....	151	1,745,028	5,687	115	2,787	21	2,130	30	771
Iowa .....	82	1,250,476	(D)	53	1,053	18	1,195	21	(D)
Kansas .....	44	182,600	1,952	25	1,644	-	-	19	308
Kentucky .....	145	1,496,316	10,821	32	1,612	16	3,160	102	6,049
Louisiana .....	34	806,792	15,611	34	15,611	-	-	-	-
Maine .....	86	4,075,419	27,783	59	4,196	9	19,736	18	3,851
Maryland .....	103	3,919,850	16,258	85	10,337	17	4,967	12	954
Massachusetts .....	188	2,281,978	8,455	110	(D)	7	(D)	71	(D)
Michigan .....	458	17,900,212	145,678	350	107,323	33	11,345	128	27,010
Minnesota .....	132	3,506,605	59,470	132	59,440	5	27	4	3
Mississippi .....	59	3,313,670	29,645	46	23,506	7	6,013	6	126
Missouri .....	113	6,038,024	(D)	58	(D)	31	(D)	25	(D)
Montana .....	41	192,610	2,296	41	2,278	-	-	12	18
Nebraska .....	24	239,300	363	24	248	6	115	-	-
Nevada .....	11	25,200	941	11	941	6	(Z)	-	-
New Hampshire .....	94	2,032,834	32,152	83	31,075	10	(D)	6	(D)
New Jersey .....	181	12,203,705	119,478	163	117,939	12	1,275	23	263
New Mexico .....	38	7,197,484	76,684	38	74,761	-	-	12	1,923
New York .....	329	7,354,246	89,220	204	(D)	69	(D)	80	45,312
North Carolina .....	298	8,134,399	(D)	251	33,842	42	(D)	53	(D)
North Dakota .....	9	22,500	14	9	13	9	1	-	-
Ohio .....	239	5,662,472	52,303	171	46,408	49	3,433	41	2,463
Oklahoma .....	33	674,400	426	16	58	16	8	17	361
Oregon .....	197	3,691,744	51,417	135	(D)	60	(D)	35	(D)
Pennsylvania .....	513	7,654,810	53,769	399	44,666	100	4,289	65	4,814
Rhode Island .....	40	148,200	1,456	20	(D)	13	(D)	20	(D)
South Carolina .....	38	780,698	18,149	37	(D)	1	(D)	-	-
South Dakota .....	16	16,856	567	12	164	-	-	4	403
Tennessee .....	134	1,516,526	42,966	81	29,075	41	7,502	36	6,388
Texas .....	172	27,876,702	644,890	114	544,229	23	16,829	55	83,831
Utah .....	12	1,175,000	(D)	7	(D)	-	-	5	(D)
Vermont .....	128	1,146,620	20,344	97	13,365	51	(D)	6	(D)
Virginia .....	95	2,436,530	32,547	48	(D)	35	23,624	17	(D)
Washington .....	127	2,655,300	14,669	89	(D)	13	(D)	34	(D)
West Virginia .....	41	335,300	1,384	20	850	10	80	16	455
Wisconsin .....	240	3,027,374	63,949	228	32,940	17	30,177	20	832
Wyoming .....	8	152,000	2,691	4	1,971	-	-	4	720
<b>Water Resources Regions</b>									
Region 01 New England .....	595	12,594,126	98,213	410	68,447	90	22,909	131	6,857
Region 02 Mid-Atlantic .....	1,085	30,341,489	254,391	871	192,440	202	(D)	121	(D)
Region 03 South Atlantic-Gulf .....	898	76,117,215	885,747	761	697,151	117	176,063	119	12,533
Region 04 Great Lakes .....	765	23,341,962	226,640	560	140,719	87	15,264	191	70,657
Region 05 Ohio .....	591	7,859,594	63,951	323	40,599	99	(D)	214	(D)
Region 06 Tennessee .....	126	3,047,979	40,404	72	30,225	29	6,528	42	3,650
Region 07 Upper Mississippi .....	547	11,072,441	133,398	437	(D)	81	33,840	76	(D)
Region 08 Lower Mississippi .....	67	1,007,384	25,152	43	17,173	12	(D)	12	(D)
Region 09 Souris-Red-Rainy .....	15	23,100	14	15	13	9	1	-	-
Region 10 Missouri .....	154	5,824,034	18,762	110	6,591	24	8,894	32	3,276
Region 11 Arkansas-White-Red .....	121	1,304,002	13,104	72	9,916	18	48	47	3,140
Region 12 Texas-Gulf .....	159	27,667,342	637,922	101	537,261	23	16,829	55	83,831
Region 13 Rio Grande .....	31	197,484	6,684	31	4,761	-	-	12	1,923
Region 14 Upper Colorado .....	9	140,710	3,771	4	(D)	-	-	5	(D)
Region 15 Lower Colorado .....	58	43,377,810	924,746	47	696,232	9	(D)	6	(D)
Region 16 Great Basin .....	18	750,200	16,116	13	(D)	6	(Z)	5	(D)
Region 17 Pacific Northwest .....	375	7,129,104	69,932	258	50,593	80	(D)	85	(D)
Region 18 California .....	576	110,649,324	1,396,547	374	962,937	59	146,007	217	287,602
Region 19 Alaska .....	28	87,280	287	28	287	-	-	-	-
Region 20 Hawaii .....	118	9,088,398	130,589	65	62,206	12	56,628	48	11,755

--continued

**Table 3. Estimated Quantity of Water Applied to Crops Grown Under Protection on Irrigated Horticultural Operations by Method of Distribution and Water Source: 2008 - Con.**

[Totals may not add due to rounding. Excludes abnormal operations. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Subirrigation								
	Operations	Square feet irrigated	Gallons applied (1,000)	Water source					
				Ground water (from wells)		On-farm surface water		Water from off-farm suppliers	
				Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)	Operations	Gallons applied (1,000)
United States .....	420	18,950,180	292,799	282	95,255	61	132,372	120	65,172
Alabama .....	-	-	-	-	-	-	-	-	-
Alaska .....	-	-	-	-	-	-	-	-	-
Arizona .....	7	669,116	32,787	-	-	-	-	7	32,787
Arkansas .....	-	-	-	-	-	-	-	-	-
California .....	26	4,026,460	58,802	22	47,543	4	6,429	4	4,829
Colorado .....	-	-	-	-	-	-	-	-	-
Connecticut .....	5	(D)	(D)	-	-	-	-	5	(D)
Delaware .....	-	-	-	-	-	-	-	-	-
Florida .....	12	(D)	(D)	12	1,346	5	(D)	-	-
Georgia .....	6	1,306,800	1,307	6	1,307	-	-	-	-
Hawaii .....	15	78,000	(D)	-	-	-	-	15	(D)
Idaho .....	-	-	-	-	-	-	-	-	-
Illinois .....	3	1,200,000	24,000	-	-	3	24,000	-	-
Indiana .....	6	14,400	120	6	120	-	-	-	-
Iowa .....	10	338,700	(D)	5	(D)	-	-	5	(D)
Kansas .....	-	-	-	-	-	-	-	-	-
Kentucky .....	41	477,852	2,030	6	130	6	42	29	1,858
Louisiana .....	-	-	-	-	-	-	-	-	-
Maine .....	18	127,200	381	18	366	6	15	-	-
Maryland .....	12	155,448	1,574	12	1,574	-	-	-	-
Massachusetts .....	8	340,000	(D)	8	(D)	7	70	-	-
Michigan .....	29	1,915,390	15,093	21	(D)	4	(D)	13	8,987
Minnesota .....	9	380,112	16,136	9	16,136	-	-	-	-
Mississippi .....	-	-	-	-	-	-	-	-	-
Missouri .....	-	-	-	-	-	-	-	-	-
Montana .....	-	-	-	-	-	-	-	-	-
Nebraska .....	6	18,000	21	6	21	-	-	-	-
Nevada .....	-	-	-	-	-	-	-	-	-
New Hampshire .....	16	(D)	(D)	16	(D)	-	-	-	-
New Jersey .....	6	1,200	6	6	6	-	-	-	-
New Mexico .....	-	-	-	-	-	-	-	-	-
New York .....	23	162,200	(D)	17	(D)	-	-	6	(D)
North Carolina .....	8	(D)	(D)	7	(D)	8	(D)	-	-
North Dakota .....	-	-	-	-	-	-	-	-	-
Ohio .....	-	-	-	-	-	-	-	-	-
Oklahoma .....	-	-	-	-	-	-	-	-	-
Oregon .....	18	151,638	752	12	(D)	-	-	6	(D)
Pennsylvania .....	44	1,437,637	2,158	30	1,471	7	600	7	87
Rhode Island .....	7	9,800	7	7	7	-	-	-	-
South Carolina .....	7	147,567	5,357	1	(D)	6	(D)	-	-
South Dakota .....	-	-	-	-	-	-	-	-	-
Tennessee .....	12	36,000	402	-	-	-	-	12	402
Texas .....	6	2,700	6	6	6	-	-	-	-
Utah .....	5	250,000	(D)	-	-	-	-	5	(D)
Vermont .....	-	-	-	-	-	-	-	-	-
Virginia .....	6	60,000	(D)	6	(D)	-	-	-	-
Washington .....	17	526,000	7,285	11	7,218	5	18	6	49
West Virginia .....	-	-	-	-	-	-	-	-	-
Wisconsin .....	32	151,280	558	32	558	-	-	-	-
Wyoming .....	-	-	-	-	-	-	-	-	-
<b>Water Resources Regions</b>									
Region 01 New England .....	54	845,320	10,713	49	(D)	13	85	5	(D)
Region 02 Mid-Atlantic .....	73	1,648,485	5,467	59	(D)	7	(D)	7	(D)
Region 03 South Atlantic-Gulf .....	39	6,112,727	103,826	32	6,260	19	97,566	-	-
Region 04 Great Lakes .....	60	2,096,670	16,768	46	(D)	4	(D)	19	10,187
Region 05 Ohio .....	47	483,852	2,096	6	(D)	6	(D)	35	1,924
Region 06 Tennessee .....	6	30,000	336	-	-	-	-	6	336
Region 07 Upper Mississippi .....	41	2,011,212	(D)	33	(D)	3	24,000	5	4,628
Region 08 Lower Mississippi .....	-	-	-	-	-	-	-	-	-
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-	-	-
Region 10 Missouri .....	6	18,000	(D)	6	(D)	-	-	-	-
Region 11 Arkansas-White-Red .....	6	2,700	6	6	6	-	-	-	-
Region 12 Texas-Gulf .....	-	-	-	-	-	-	-	-	-
Region 13 Rio Grande .....	-	-	-	-	-	-	-	-	-
Region 14 Upper Colorado .....	-	-	-	-	-	-	-	-	-
Region 15 Lower Colorado .....	7	669,116	32,787	-	-	-	-	7	32,787
Region 16 Great Basin .....	5	250,000	8,550	-	-	-	-	5	8,550
Region 17 Pacific Northwest .....	35	677,638	8,037	23	(D)	5	18	12	(D)
Region 18 California .....	26	4,026,460	58,802	22	47,543	4	6,429	4	4,829
Region 19 Alaska .....	-	-	-	-	-	-	-	-	-
Region 20 Hawaii .....	15	78,000	(D)	-	-	-	-	15	(D)