

Table 44. Reasons for Discontinuing Irrigation on Horticultural Operations: 2018 and 2013

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

Geographic area	Discontinued irrigation since previous census year			Reason for discontinuance ¹			
	Operations	Square feet under protection in previous census year ²	Operations reporting discontinuance to be permanent	Sufficient soil moisture	Shortage of surface water	Shortage of ground water	Irrigation is uneconomical
United States 2018	2,565	10,726,594	694	1,804	104	60	140
..... 2013	4,393	11,759,756	623	1,178	114	53	237
2018 DATA							
Alabama	8	163,200	1	8	-	-	-
Alaska	2	(D)	1	2	-	-	-
Arizona	-	-	-	-	-	-	-
Arkansas	26	19,160	-	9	-	1	-
California	81	62,052	16	34	12	-	-
Colorado	47	273,320	2	2	23	25	-
Connecticut	20	-	-	20	-	-	-
Delaware	8	3,870	-	3	-	-	-
Florida	84	66,000	-	68	-	-	-
Georgia	82	166,730	-	56	-	-	4
Hawaii	50	711,280	16	34	-	-	16
Idaho	24	34,416	7	2	8	2	-
Illinois	41	77,400	19	23	-	-	-
Indiana	35	36,864	16	35	-	-	-
Iowa	23	14,100	5	23	-	-	-
Kansas	-	-	-	-	-	-	-
Kentucky	100	821,384	46	53	6	-	18
Louisiana	39	51,070	10	39	-	-	-
Maine	11	137,530	-	8	-	-	-
Maryland	27	23,296	13	27	-	-	-
Massachusetts	70	168,000	-	70	-	-	-
Michigan	116	1,185,760	19	97	-	-	-
Minnesota	45	61,140	31	12	-	-	-
Mississippi	10	29,000	-	10	-	-	-
Missouri	25	41,728	19	20	4	-	-
Montana	5	50,360	-	-	-	-	-
Nebraska	13	2,160	4	4	-	-	-
Nevada	6	600	3	-	3	-	-
New Hampshire	7	2,400	3	7	-	-	-
New Jersey	69	-	-	69	-	-	-
New Mexico	24	1,200	18	-	6	-	-
New York	162	1,146,600	38	140	-	-	22
North Carolina	170	684,462	-	129	-	-	9
North Dakota	4	12,000	-	-	-	-	-
Ohio	202	871,220	54	137	-	-	-
Oklahoma	3	360	-	-	-	-	-
Oregon	106	90,200	8	45	9	-	17
Pennsylvania	281	1,641,136	123	235	-	-	-
Rhode Island	20	197,800	-	20	20	20	20
South Carolina	28	1,380,960	28	28	-	-	-
South Dakota	-	-	-	-	-	-	-
Tennessee	64	82,380	28	64	-	-	-
Texas	75	38,640	18	56	3	3	-
Utah	7	(D)	-	7	7	-	-
Vermont	6	3,200	6	6	-	-	2
Virginia	106	89,584	64	64	-	-	32
Washington	97	96,155	32	50	3	9	-
West Virginia	55	66,780	27	7	-	-	-
Wisconsin	81	94,200	19	81	-	-	-
Wyoming	-	-	-	-	-	-	-
Water Resources Regions							
Region 01 New England	128	505,730	3	125	20	20	20
Region 02 Mid-Atlantic	446	2,713,886	143	410	-	-	-
Region 03 South Atlantic-Gulf	378	2,207,562	61	263	-	-	45
Region 04 Great Lakes	303	1,413,760	66	268	-	-	24
Region 05 Ohio	443	2,152,184	158	252	6	-	18
Region 06 Tennessee	60	(D)	21	60	-	-	-
Region 07 Upper Mississippi	153	147,504	67	116	-	-	-
Region 08 Lower Mississippi	41	47,490	17	35	-	-	-
Region 09 Souris-Red-Rainy	14	42,000	14	-	-	-	-
Region 10 Missouri	80	351,568	25	25	14	16	-
Region 11 Arkansas-White-Red	56	82,800	-	25	17	8	-
Region 12 Texas-Gulf	70	18,640	18	51	3	3	-
Region 13 Rio Grande	18	-	18	-	-	-	-
Region 14 Upper Colorado	2	-	-	-	2	2	-
Region 15 Lower Colorado	-	-	-	-	-	-	-
Region 16 Great Basin	16	3,007	6	7	13	-	-
Region 17 Pacific Northwest	224	218,371	44	97	17	11	17
Region 18 California	81	62,052	16	34	12	-	-
Region 19 Alaska	2	(D)	1	2	-	-	-
Region 20 Hawaii	50	711,280	16	34	-	-	16

See footnote(s) at end of table.

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Table 44. Reasons for Discontinuing Irrigation on Horticultural Operations: 2018 and 2013 (continued)

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

Geographic area	Reason for discontinuance ¹ - con.								
	Loss of water rights	Sold or leased water rights or annual water allocation	Sold or leased irrigated land or irrigated area under protection	Restrictions on water use	Converted to non-agricultural use	Converted to agricultural enterprise not requiring irrigation	Available surface water too salty	Other or unspecified	
United States2018	23	22	45	51	112	209	25	481	
.....2013	9	31	48	110	63	204	27	3,005	
2018 DATA									
Alabama	-	-	-	-	-	-	-	-	
Alaska	-	-	-	-	-	-	-	-	
Arizona	-	-	-	-	-	-	-	-	
Arkansas	-	-	-	-	-	-	-	16	
California	-	-	-	4	4	23	-	27	
Colorado	3	-	-	8	-	7	-	7	
Connecticut	-	-	-	-	-	-	-	-	
Delaware	-	-	-	-	-	-	-	5	
Florida	-	-	-	-	-	-	-	42	
Georgia	-	-	-	-	4	-	-	22	
Hawaii	-	-	-	-	16	-	-	-	
Idaho	-	2	2	-	6	5	-	3	
Illinois	-	-	-	-	-	3	-	15	
Indiana	-	-	-	-	-	-	-	-	
Iowa	-	-	-	-	-	-	-	-	
Kansas	-	-	-	-	-	-	-	-	
Kentucky	-	-	-	-	12	18	-	30	
Louisiana	-	-	-	-	-	-	-	11	
Maine	-	-	-	-	-	-	-	3	
Maryland	-	-	-	-	-	-	-	-	
Massachusetts	-	-	-	-	-	-	-	-	
Michigan	-	-	-	-	-	-	-	19	
Minnesota	-	-	-	-	2	29	-	2	
Mississippi	-	-	-	-	-	-	-	-	
Missouri	-	-	-	-	-	1	-	-	
Montana	-	-	-	-	-	-	5	-	
Nebraska	-	-	-	-	-	-	-	9	
Nevada	-	-	-	-	-	-	-	3	
New Hampshire	-	-	-	-	-	-	-	-	
New Jersey	-	-	-	-	-	-	-	22	
New Mexico	-	-	-	-	18	9	-	-	
New York	-	-	-	-	-	-	-	22	
North Carolina	-	-	-	-	-	20	-	32	
North Dakota	-	-	-	-	-	-	-	4	
Ohio	-	-	15	-	-	41	-	9	
Oklahoma	-	-	-	-	-	-	-	3	
Oregon	-	-	8	9	-	16	-	20	
Pennsylvania	-	-	-	-	21	-	-	49	
Rhode Island	20	20	20	20	20	20	20	-	
South Carolina	-	-	-	-	-	-	-	-	
South Dakota	-	-	-	-	-	-	-	-	
Tennessee	-	-	-	-	-	-	-	7	
Texas	-	-	-	-	-	-	-	16	
Utah	-	-	-	-	-	-	-	-	
Vermont	-	-	-	-	-	-	-	2	
Virginia	-	-	-	-	-	-	-	10	
Washington	-	-	-	10	6	17	-	20	
West Virginia	-	-	-	-	3	-	-	51	
Wisconsin	-	-	-	-	-	-	-	-	
Wyoming	-	-	-	-	-	-	-	-	
Water Resources Regions									
Region 01 New England	20	20	20	20	20	20	20	3	
Region 02 Mid-Atlantic	-	-	-	-	21	-	-	61	
Region 03 South Atlantic-Gulf	-	-	-	-	4	20	-	96	
Region 04 Great Lakes	-	-	-	-	-	16	-	21	
Region 05 Ohio	-	-	15	-	15	43	-	137	
Region 06 Tennessee	-	-	-	-	-	-	-	7	
Region 07 Upper Mississippi	-	-	-	-	2	18	-	17	
Region 08 Lower Mississippi	-	-	-	-	-	-	-	17	
Region 09 Souris-Red-Rainy	-	-	-	-	-	14	-	-	
Region 10 Missouri	3	-	-	8	-	8	5	20	
Region 11 Arkansas-White-Red	-	-	-	-	-	-	-	13	
Region 12 Texas-Gulf	-	-	-	-	-	-	-	16	
Region 13 Rio Grande	-	-	-	-	18	9	-	-	
Region 14 Upper Colorado	-	-	-	-	-	-	-	-	
Region 15 Lower Colorado	-	-	-	-	-	-	-	-	
Region 16 Great Basin	-	-	-	-	-	-	-	3	
Region 17 Pacific Northwest	-	2	10	19	12	38	-	43	
Region 18 California	-	-	-	4	4	23	-	27	
Region 19 Alaska	-	-	-	-	-	-	-	-	
Region 20 Hawaii	-	-	-	-	16	-	-	-	

¹ Respondents could choose more than one reason for not irrigating.

² Square feet irrigated are totals for all irrigation on these operations. Data were acquired from the 2017 and 2012 Censuses of Agriculture results.