

Crops (Leafout Date)	#148 Merced				#39 Parlier				#258 Lemon Cove			
	06/06 - 06/12 Water Use	Accum'd Seasonal Water Use	06/13 - 06/19 Estimated ETc		06/06 - 06/12 Water Use	Accum'd Seasonal Water Use	06/13 - 06/19 Estimated ETc		06/06 - 06/12 Water Use	Accum'd Seasonal Water Use	06/13 - 06/19 Estimated ETc	
Almonds (3/1) *	1.81	15.81	1.93		2.03	16.77	1.94		1.89	15.52	1.94	
Pistachio (4/25) * **	2.03	7.73	2.08		2.25	8.53	2.09		2.11	8.01	2.09	
Citrus (2/1)	1.40	15.09	1.40		1.54	16.02	1.40		1.41	14.85	1.40	
Raisin Grapes (4/14) (11 ft. row spacing)	1.29	6.67	1.35		1.44	7.28	1.36		1.32	6.77	1.36	
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	1.36	6.62	1.47		1.53	7.24	1.48		1.42	6.78	1.48	
Walnuts (4/14)	1.54	7.87	1.59		1.76	8.62	1.60		1.62	8.08	1.60	
Stone Fruit (3/8)	1.50	10.01	1.59		1.72	10.87	1.60		1.58	10.09	1.60	
† Past 7 days precipitation (inches)		0.00				0.00				0.00		
Accumulated precipitation (inches) (1/1/2025)		0.00				5.35				4.44		

** Very vigorous, non-salt affected peak season pistachio Kc can be as high as 1.19 – resulting in about 8% greater water use than shown in these tables.

Crops	#148 Merced				#39 Parlier				#258 Lemon Cove			
System Efficiency >>	65%	75%	85%	95%	65%	75%	85%	95%	65%	75%	85%	95%
Almonds (3/1)	2.8	2.4	2.1	1.9	3.1	2.7	2.4	2.1	2.9	2.5	2.2	2.0
Pistachio (4/25)	3.1	2.7	2.4	2.1	3.5	3.0	2.6	2.4	3.2	2.8	2.5	2.2
Citrus (2/1)	2.2	1.9	1.6	1.5	2.4	2.1	1.8	1.6	2.2	1.9	1.7	1.5
Raisin Grapes (4/14) (11 ft. row spacing)	Assume all grape			1.4	Assume all grape			1.5	Assume all grape			1.4
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			1.4	irrigation type is drip			1.6	irrigation type is drip			1.5
Walnuts (4/14)	2.4	2.1	1.8	1.6	2.7	2.3	2.1	1.9	2.5	2.2	1.9	1.7
Stone Fruit (3/8)	2.3	2.0	1.8	1.6	2.6	2.3	2.0	1.8	2.4	2.1	1.9	1.7

PAST WEEKLY APPLIED WATER IN GALLON PER TREE OR VINE

Crops	#148 Merced				#39 Parlier				#258 Lemon Cove			
Almonds 115 Trees/A	661	567	496	449	732	638	567	496	685	590	519	472
Pistachio 106 Trees/A	772	673	598	523	872	747	648	598	797	698	623	548
Citrus 110 Trees/A	543	469	395	370	592	518	444	395	543	469	420	370
Raisin Grapes 566 Vines/A	Assume all grape			67	Assume all grape			72	Assume all grape			67
Winegrapes 622 Vines/A	irrigation type is drip			61	irrigation type is drip			70	irrigation type is drip			65
Walnuts 76 Trees/A	857	750	643	572	965	822	750	679	893	786	679	607
Stonefruit 172 Trees/A	363	316	284	253	410	363	316	284	379	332	300	268

For further information concerning all counties receiving this report, contact the Fresno Co. Farm Advisor's office at (559) 241-7526.

(Estimated Crop Evapotranspiration or ET_C)
06/06/25 through 06/12/25

Crops (Leafout Date)	#124 Panoche				#2 Five Points				#15 Stratford			
	06/06- 06/12 Water Use	Accum'd Seasonal Water Use	06/13- 06/19 Estimated ETc		06/06- 06/12 Water Use	Accum'd Seasonal Water Use	06/13- 06/19 Estimated ETc		06/06- 06/12 Water Use	Accum'd Seasonal Water Use	06/13- 06/19 Estimated ETc	
Almonds (3/1) *	1.96	16.52	2.16		2.15	17.10	2.15		2.20	18.24	2.16	
Pistachio (4/25) * **	2.18	8.54	2.31		2.37	8.90	2.30		2.42	9.41	2.31	
Citrus (2/1)	1.48	16.36	1.61		1.64	16.84	1.60		1.66	18.01	1.61	
Raisin Grapes (4/14) (11 ft. row spacing)	1.38	7.31	1.51		1.53	7.64	1.50		1.55	8.11	1.51	
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	1.45	7.26	1.63		1.59	7.52	1.62		1.63	8.02	1.63	
Walnuts (4/14)	1.69	8.71	1.82		1.87	9.00	1.81		1.91	9.55	1.82	
Stone Fruit (3/8)	1.65	10.89	1.82		1.82	11.18	1.81		1.85	11.84	1.82	
Past 7 days precipitation (inches)		0.00				0.00				0.00		
Accumulated precipitation (inches) (1/1/2025)		2.31				3.13				2.72		

Dates in parentheses above, indicate leaf out or starting date for ET accumulation for the specific crop

* Estimates are for orchard floor conditions where vegetation is managed by some combination of strip applications of herbicides, frequent mowing or tillage, and by mid and late season shading and water stress. Weekly estimates of soil moisture loss can be as much as 25 percent higher in orchards where cover crops are planted and managed more intensively for maximum growth.

** Very vigorous, non-salt affected peak season pistachio Kc can be as high as 1.19 – resulting in about 8% greater water use than shown in these tables.

PAST WEEKLY APPLIED WATER IN INCHES, ADJUSTED FOR EFFICIENCY ¹

Crops	#124 Panoche				#2 Five Points				#15 Stratford			
System Efficiency >>	65%	75%	85%	95%	65%	75%	85%	95%	65%	75%	85%	95%
Almonds (3/1)	3.0	2.6	2.3	2.1	3.3	2.9	2.5	2.3	3.4	2.9	2.6	2.3
Pistachio (4/25)	3.4	2.9	2.6	2.3	3.6	3.2	2.8	2.5	3.7	3.2	2.8	2.5
Citrus (2/1)	2.3	2.0	1.7	1.6	2.5	2.2	1.9	1.7	2.6	2.2	2.0	1.7
Raisin Grapes (4/14) (11 ft. row spacing)	Assume all grape			1.4	Assume all grape			1.6	Assume all grape			1.6
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			1.5	irrigation type is drip			1.5	irrigation type is drip			1.7
Walnuts (4/14)	2.6	2.3	2.0	1.8	2.9	2.5	2.2	2.0	2.9	2.5	2.2	2.0
Stone Fruit (3/8)	2.5	2.2	1.9	1.7	2.8	2.4	2.1	1.9	2.8	2.5	2.2	1.9

¹ The amount of water required by a specific irrigation system to satisfy evapotranspiration. Typical ranges in irrigation system efficiency are: Drip, 80%-95%; Micro-sprinkler, 80%-90%; Sprinkler, 70%-85%; and Border-furrow, 50%-75%.

PAST WEEKLY APPLIED WATER IN GALLON PER TREE OR VINE

Crops	#124 Panoche				#2 Five Points				#15 Stratford			
Almonds 115 Trees/A	708	614	543	496	779	685	590	543	803	685	614	543
Pistachio 106 Trees/A	847	722	648	573	897	797	698	623	922	797	698	623
Citrus 110 Trees/A	568	494	420	395	617	543	469	420	642	543	494	420
Raisin Grapes 566 Vines/A	Assume all grape			67	Assume all grape			77	Assume all grape			77
Winegrapes 622 Vines/A	irrigation type is drip			65	irrigation type is drip			65	irrigation type is drip			74
Walnuts 76 Trees/A	929	822	715	643	1036	893	786	715	1036	893	786	715
Stonefruit 172 Trees/A	395	347	300	268	442	379	332	300	442	395	347	300

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