

Crops (Leafout Date)	#148 Merced				#39 Parlier				#258 Lemon Cove			
	05/30 - 06/05	Accum'd	06/06 - 06/12		05/30 - 06/05	Accum'd	06/06 - 06/12		05/30 - 06/05	Accum'd	06/06 - 06/12	
	Water Use	Seasonal Water Use	Estimated Etc		Water Use	Seasonal Water Use	Estimated Etc		Water Use	Seasonal Water Use	Estimated Etc	
Almonds (3/1) *	1.73	14.00	1.81		1.87	14.74	1.81		1.81	13.63	1.81	
Pistachio (4/25) * **	1.80	5.70	2.03		1.99	6.28	2.02		1.92	5.90	2.03	
Citrus (2/1)	1.29	13.69	1.40		1.41	14.48	1.39		1.37	13.44	1.40	
Raisin Grapes (4/14) (11 ft. row spacing)	1.19	5.38	1.30		1.33	5.84	1.30		1.28	5.46	1.30	
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	1.22	5.26	1.34		1.34	5.71	1.33		1.30	5.36	1.34	
Walnuts (4/14)	1.39	6.33	1.54		1.52	6.86	1.54		1.47	6.46	1.54	
Stone Fruit (3/8)	1.39	8.51	1.50		1.51	9.15	1.50		1.46	8.51	1.50	
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)	2.7	2.3	2.0	1.8	2.9	2.5	2.2	2.0	2.8	2.4	2.1	1.9
Pistachio (4/25)	2.8	2.4	2.1	1.9	3.1	2.7	2.3	2.1	3.0	2.6	2.3	2.0
Citrus (2/1)	2.0	1.7	1.5	1.4	2.2	1.9	1.7	1.5	2.1	1.8	1.6	1.4
Raisin Grapes (4/14) (11 ft. row spacing)	Assume all grape			1.3	Assume all grape			1.4	Assume all grape			1.3
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			1.3	irrigation type is drip			1.4	irrigation type is drip			1.4
Walnuts (4/14)	2.1	1.9	1.6	1.5	2.3	2.0	1.8	1.6	2.3	2.0	1.7	1.5
Stone Fruit (3/8)	2.1	1.9	1.6	1.5	2.3	2.0	1.8	1.6	2.2	1.9	1.7	1.5

PAST WEEKLY APPLIED WATER IN GALLON PER TREE OR VINE

Crops	#148 Merced				#39 Parlier				#258 Lemon Cove			
Almonds 115 Trees/A	638	543	472	425	685	590	519	472	661	567	496	449
Pistachio 106 Trees/A	698	598	523	473	772	673	573	523	747	648	573	498
Citrus 110 Trees/A	494	420	370	346	543	469	420	370	518	444	395	346
Raisin Grapes 566 Vines/A	Assume all grape			62	Assume all grape			67	Assume all grape			62
Winegrapes 622 Vines/A	irrigation type is drip			57	irrigation type is drip			61	irrigation type is drip			61
Walnuts 76 Trees/A	750	679	572	536	822	715	643	572	822	715	607	536
Stonefruit 172 Trees/A	332	300	253	237	363	316	284	253	347	300	268	237

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

WEEKLY SOIL MOISTURE LOSS IN INCHES(Estimated Crop Evapotranspiration or ET_c)

05/30/25 through 06/05/25

Crops (Leafout Date)	#124 Panoche				#2 Five Points				#15 Stratford			
	05/30- 06/05 Water Use	Accum'd Seasonal Water Use	06/06- 06/12 Estimated ETc		05/30- 06/05 Water Use	Accum'd Seasonal Water Use	06/06- 06/12 Estimated ETc		05/30- 06/05 Water Use	Accum'd Seasonal Water Use	06/06- 06/12 Estimated ETc	
Almonds (3/1) *	1.85	14.56	2.01		1.90	14.95	2.02		2.07	16.04	2.04	
Pistachio (4/25) * **	1.98	6.36	2.23		2.03	6.53	2.24		2.20	6.99	2.26	
Citrus (2/1)	1.40	14.88	1.53		1.44	15.20	1.54		1.57	16.35	1.56	
Raisin Grapes (4/14) (11 ft. row spacing)	1.31	5.93	1.44		1.35	6.11	1.45		1.46	6.56	1.46	
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	1.32	5.81	1.48		1.35	5.93	1.48		1.46	6.39	1.50	
Walnuts (4/14)	1.52	7.02	1.74		1.55	7.13	1.75		1.69	7.64	1.77	
Stone Fruit (3/8)	1.49	9.24	1.70		1.54	9.36	1.71		1.66	9.99	1.73	
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 drip 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			
	65%	75%	85%	95%	65%	75%	85%	95%	65%	75%	85%	95%
System Efficiency >>>												
Almonds (3/1)	2.8	2.5	2.2	1.9	2.9	2.5	2.2	2.0	3.2	2.8	2.4	2.2
Pistachio (4/25)	3.0	2.6	2.3	2.1	3.1	2.7	2.4	2.1	3.4	2.9	2.6	2.3
Citrus (2/1)	2.2	1.9	1.6	1.5	2.2	1.9	1.7	1.5	2.4	2.1	1.8	1.7
Raisin Grapes (4/14) (11 ft. row spacing)	Assume all grape			1.4	Assume all grape			1.4	Assume all grape			1.5
Winegrapes (4/14) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			1.4	irrigation type is drip			1.4	irrigation type is drip			1.5
Walnuts (4/14)	2.3	2.0	1.8	1.6	2.4	2.1	1.8	1.6	2.6	2.3	2.0	1.8
Stone Fruit (3/8)	2.3	2.0	1.8	1.6	2.4	2.1	1.8	1.6	2.6	2.2	2.0	1.7

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	661	590	519	449	685	590	519	472	756	661	567	519
Pistachio 106 Trees/A	747	648	573	523	772	673	598	523	847	722	648	573
Citrus 110 Trees/A	543	469	395	370	543	469	420	370	592	518	444	420
Raisin Grapes 566 Vines/A	Assume all grape			67	Assume all grape			67	Assume all grape			72
Winegrapes 622 Vines/A	irrigation type is drip			61	irrigation type is drip			61	irrigation type is drip			65
Walnuts 76 Trees/A	822	715	643	572	857	750	643	572	929	822	715	643
Stonefruit 172 Trees/A	363	316	284	253	379	332	284	253	410	347	316	268

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