

09/01/23 through 09/07/23

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.

Crops	#124 Panoche				#2 Five Points				#15 Stratford			
System Efficiency >>>	65%	75%	85%	95%	65%	75%	85%	95%	65%	75%	85%	95%
Almonds (3/13)	2.2	1.9	1.7	1.5	2.0	1.7	1.5	1.4	2.2	1.9	1.7	1.5
Pistachio (4/20)	2.3	2.0	1.7	1.5	2.1	1.8	1.6	1.4	2.2	1.9	1.7	1.5
Citrus (2/1)	1.5	1.3	1.2	1.0	1.4	1.2	1.1	1.0	1.5	1.3	1.2	1.1
Raisin Grapes (3/22) (11 ft. row spacing)	Assume all grape			1.0	Assume all grape			0.9	Assume all grape			1.0
Winegrapes (3/22) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			1.1	irrigation type is drip			1.0	irrigation type is drip			1.1
Walnuts (4/20)	2.3	2.0	1.8	1.6	2.1	1.8	1.6	1.4	2.3	2.0	1.8	1.6
Stone Fruit (3/19)	2.3	2.0	1.7	1.5	2.1	1.8	1.6	1.4	2.2	1.9	1.7	1.5

Crops	#124 Panoche				#2 Five Points				#15 Stratford			
Almonds 115 Trees/A	519	449	401	354	472	401	354	331	519	449	401	354
Pistachio 106 Trees/A	573	498	424	374	523	448	399	349	548	473	424	374
Citrus 110 Trees/A	370	321	296	247	346	296	272	247	370	321	296	272
Raisin Grapes 566 Vines/A	Assume all grape			48	Assume all grape			43	Assume all grape			48
Winegrapes 622 Vines/A	irrigation type is drip			48	irrigation type is drip			44	irrigation type is drip			48
Walnuts 76 Trees/A	822	715	643	572	750	643	572	500	822	715	643	572
Stonefruit 172 Trees/A	363	316	268	237	332	284	253	221	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.