

09/08/23 through 09/14/23

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.

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%.

Crops	#148 Merced				#39 Parlier				#258 Lemon Cove			
Almonds 115 Trees/A	519	449	378	354	519	449	378	354	496	425	378	331
Pistachio 106 Trees/A	548	473	424	374	548	473	424	374	548	473	399	374
Citrus 110 Trees/A	395	346	296	272	395	346	296	272	395	321	296	272
Raisin Grapes 566 Vines/A	Assume all grape			48	Assume all grape			48	Assume all grape			48
Winegrapes 622 Vines/A	irrigation type is drip			48	irrigation type is drip			48	irrigation type is drip			48
Walnuts 76 Trees/A	786	679	607	536	786	679	607	536	786	679	607	536
Stonefruit 172 Trees/A	363	316	268	237	363	316	268	237	347	300	268	237

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