

04/28/23 through 05/04/23

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	354	307	260	236	401	354	307	283	378	331	307	260
Pistachio 106 Trees/A	174	149	125	125	199	174	149	149	199	174	149	125
Citrus 110 Trees/A	296	272	222	197	370	321	272	247	346	296	272	222
Raisin Grapes 566 Vines/A	Assume all grape			10	Assume all grape			14	Assume all grape			14
Winegrapes 622 Vines/A	irrigation type is drip			13	irrigation type is drip			13	irrigation type is drip			13
Walnuts 76 Trees/A	322	286	250	214	393	322	286	250	357	322	286	250
Stonefruit 172 Trees/A	158	142	126	111	189	174	142	126	189	158	142	126

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