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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 (3/1)	2.8	2.5	2.2	1.9	2.9	2.5	2.2	2.0	3.1	2.7	2.4	2.1
Pistachio (4/8)	2.9	2.5	2.2	2.0	3.0	2.6	2.3	2.0	3.2	2.8	2.5	2.2
Citrus (2/1)	1.8	1.6	1.4	1.2	1.9	1.6	1.4	1.3	2.0	1.7	1.5	1.4
Raisin Grapes (3/15) (11 ft. row spacing)	Assume all grape			1.3	Assume all grape			1.3	Assume all grape			1.4
Winegrapes (3/15) (10 ft. spacing on California Sprawl Trellis)	irrigation type is drip			1.5	irrigation type is drip			1.5	irrigation type is drip			1.6
Walnuts (4/8)	2.8	2.4	2.1	1.9	2.9	2.5	2.2	2.0	3.1	2.7	2.3	2.1
Stone Fruit (3/10)	2.9	2.5	2.2	2.0	3.0	2.6	2.3	2.0	3.2	2.8	2.5	2.2

Crops	#124 Panoche				#2 Five Points				#15 Stratford			
Almonds 115 Trees/A	661	590	519	449	685	590	519	472	732	638	567	496
Pistachio 106 Trees/A	722	623	548	498	747	648	573	498	797	698	623	548
Citrus 110 Trees/A	444	395	346	296	469	395	346	321	494	420	370	346
Raisin Grapes 566 Vines/A	Assume all grape			62	Assume all grape			62	Assume all grape			67
Winegrapes 622 Vines/A	irrigation type is drip			65	irrigation type is drip			65	irrigation type is drip			70
Walnuts 76 Trees/A	1000	857	750	679	1036	893	786	715	1108	965	822	750
Stonefruit 172 Trees/A	458	395	347	316	474	410	363	316	505	442	395	347

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