

WEEKLY CROP EVAPOTRANSPIRATION (ET) ESTIMATES
(INCHES PER WEEK)
For the week August 17 through August 23, 2001

West of Sacramento			East of Sacramento	
Weekly Water Use	Accumulated Seasonal Use	Crop (Leafout Date)	Weekly Water Use	Accumulated Seasonal Use
1.59	38.23	Pasture-Turf	1.52	36.61
1.52	37.01	Alfalfa	1.45	35.37
1.21	28.85	Olives*	1.14	27.59
1.46	35.26	Almonds (3/1)*	1.40	33.70
1.46	34.56	Prunes (3/15)*1.03	1.40	33.09
1.46	32.51	Walnut (4/1)*	1.40	31.09
0.0	4.44	Rainfall (3/1)	0.00	3.88

*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 waterstress.

WEEKLY APPLIED WATER IN INCHES

50%	60%	70%	80%	90%	Efficiency	50%	60%	70%	80%	90%
2.4	2.9	1.7	1.5	1.3	Olives	2.3	1.9	1.6	1.4	1.3
2.9	2.4	2.1	1.8	1.6	Almonds(3/1)	2.8	2.3	2.0	1.8	1.6
2.9	2.4	2.1	1.8	1.6	Prunes(3/15)	2.8	2.3	2.0	1.8	1.6
2.9	2.4	2.1	1.8	1.6	Walnuts(4/1)	2.8	2.3	2.0	1.8	1.6

The amount of water required by a specific irrigation system to satisfy evapotranspiration. Typical ranges in irrigation system efficiency are: Drip Irrigation, 80%-95%; Micro-sprinkler, 80%-90%; Sprinkler, 70%-85%; and Border-furrow, 50%-75%.

For further information, contact the Tehama Co. Farm Advisor's Office at 527-3101.