

WEEKLY SOIL MOISTURE LOSS IN INCHES				
(Estimated Evapotranspiration)				
04/20/07 through 04/26/07				
<i>Estimates of soil moisture loss (evapotranspiration) are for conditions where vegetation on orchard floor is controlled either with tillage, herbicides, or where growth is limited by water stress. If actively growing vegetation is maintained on the orchard floor, these estimates of soil moisture loss should be increased approximately 20 to 25 percent.</i>				
West of Sacramento River			East of Sacramento River	
Weekly Water Use	Accum'd Seasonal Use	Crop (Leafout Date)	Weekly Water Use	Accum'd Seasonal Use
1.25	8.87	Pasture	1.15	8.58
1.20	8.72	Alfalfa	1.11	8.45
0.95	6.75	Olives	0.86	6.50
0.83	5.80	Citrus	0.74	5.57
1.12	6.32	Almonds	1.04	6.12
1.13	5.32	Dried Plum	1.05	5.06
0.66	2.33	Walnuts	0.61	2.21
1.31	7.85	Urban Turf	1.21	7.56
0.63	1.58	Rainfall	1.07	2.44

Accumulations started on February 23, 2007. Criteria for beginning this report are based on the season's last significant rainfall event where the soil moisture profile is at full capacity.

* 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 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 for maximum growth.