

Water Management Guide for Temperate Fruit Trees

Tree Size, or area plant covers in square feet (ft ²) to the drip line (% canopy)	Daily Water Use in Gallons per Day			
	E.T. 0.10"/day Cool day, early spring Late fall, foggy	E.T. 0.20"/day Warm day in spring or fall; some fog	E.T. 0.25"/day Hot day, mid-summer No fog	E.T. 0.30"/day Very hot (100°F) Windy, mid-summer
1 foot ²	0.062	0.125	0.156	0.187
1 yr. old (4 ft ²)	0.25	0.50	0.62	0.75
2 yr. old (10 ft ²)	0.62	1.25	1.56	1.87
3 yr. old (36 ft ²)	2.25	4.5	5.61	6.73
4 yr. old or 100 ft ² semi-dwarf mature	6.20	12.5	15.6	18.7
Large standard mature tree (300 ft ²)	18.6	37.5	46.8	56.1
One acre solid cover (43,560 ft ²)	2,715	5,431	6,788	8,146

From: Growing Temperate Tree Fruit and Nut Crops in the Home Garden
 Paul M. Vossen
 Tree Fruits and Nuts Farm Advisor, Sonoma and Marin Counties
 University of California Cooperative Extension
 2000