



Appendix B: Typical Plant Types and Root Depths

Plant Type	Samples	Root Depth
Cool Season Turf may vary by soil type	Bentgrass, Bluegrass, Fescue, Ryegrass	4 - 6"
Warm Season Turf may vary by soil type	Bermudagrass, Kikuyugrass, Paspalum, St. Augustinegrass, Zoysiagrass	4 - 6"
Combined Turf may vary by soil type	(Combination of warm and cool season turf)	4 - 6"
Flowers	Seasonal Color (Pansies, Petunias, Marigolds, Impatiens, etc.)	3 - 4"
Trees	Birch, Magnolia, Pine, Pistache, Sycamore, Ficus, Willow	12 - 18"
	Eucalyptus	10 - 12"
	Fruit trees	12"
Shrubs-High Water Use	Calla	6"
	Hydrangea	6"
	Vinca	4 - 6"
Shrubs-Medium Water Use	Azalea	4 - 5"
	Agapanthus	6"
	Bougainvillea	8 - 10"
	Daylily	4 - 6"
	Escallonia	6"
	Ferns	4 - 6"
	Geranium	4"
	Holly	6 - 8"
	Hibiscus	6"
	Jacaranda Trees	8 - 10"

Plant type	Samples	Root Depth
Shrubs-Medium Water Use (cont.)	Japanese Maple	6"
	Morning Glory	6"
	Palms	8"
	Passion Flower	6"
	Red Apple	4"
	Rhododendron	4 - 5"
	Rosa Banksiae	6"
	Roses	6"
	Star Jasmine	6"
	Shrubs-Low Water Use	Acacia
Ice Plant		4"
Ivy		4 - 6"
Juniper		8"
Manzanita		6"
Myoporum		6"
Oak Trees		18 - 24"
Oleander		12"
Olive Trees		8"
Pyrocantha		6"
Native Shrubs/Trees	Ceanothus	8"
	Coyote Brush	6"
Native Grasses	Ornamental Grasses	6"

⚠ Note: In the case of new plants, root depth could be less than indicated. Adjust the root depth as needed to ensure optimum watering applications.