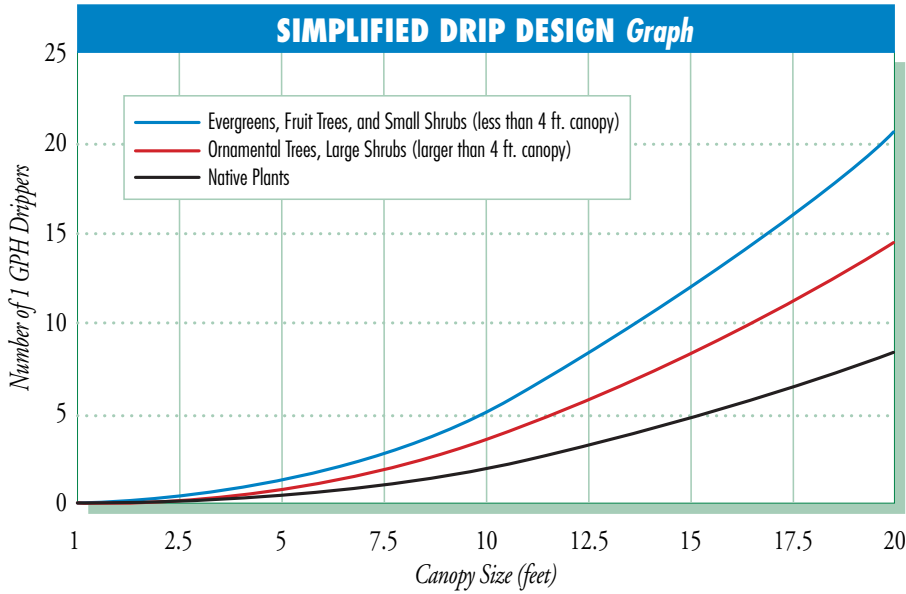




Point Source Drip Irrigation Design



IRRIGATION DURATION

Climate	Run Time
Very Cool	1.3 hrs.
Cool	2.6 hrs.
Moderate	3.5 hrs.
Hot	4.2 hrs.
High Desert	5.1 hrs.
Low Desert	5.9 hrs.

Container Irrigation Design

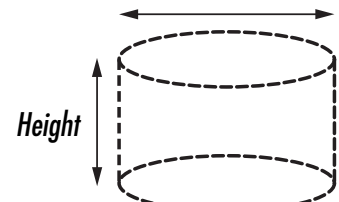
CONTAINER IRRIGATION Dripper Flow Rate and Run Time

Container Size (gallons)	Dripper Flow (GPH)	Sandy Soil	Loam Soil	Clay Soil	Potting Soil
1	0.5	3 min.	5 min.	11 min.	2 min.
2	0.5	6 min.	10 min.	20 min.	4 min.
5	1.0	9 min.	15 min.	30 min.	6 min.
15	1.0	25 min.	40 min.	90 min.	18 min.
25	1.0	40 min.	75 min.	150 min.	35 min.

CONTAINER IRRIGATION Frequency

Climate	Sandy Soil	Loam Soil	Clay Soil	Potting Soil
Very Cool	2 Days	3 Days	8 Days	2 Days
Cool	1 1/2 Days	2 Days	6 Days	Daily
Moderate	1 1/2 Days	2 Days	6 Days	Daily
Hot	Daily	2 Days	5 Days	Daily
High Desert	Daily	1 1/2 Days	4 Days	Daily
Low Desert	Daily	Daily	3 Days	Daily

$$\text{Area} = \text{Diameter}^2 \times .7854$$



$$\text{Container Size (gallons)} = \frac{\text{Surface Area (sq. in.)} \times \text{Height (in.)}}{231}$$



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