

**Estimated Irrigation of Newly Planted Trees (during the growing season) –
Check soil moisture and water as needed**

| Size of Nursery Stock | Irrigation Need for Vigor |
|--|---|
| < 2 inch caliper | <ul style="list-style-type: none"> • Daily for two weeks - Depending on temperature and wind, apply 1-2 gallons per inch of trunk diameter. • Every other day until established (one to two or more seasons) Depending on temperature and wind, apply 2-4 gallons per inch of trunk diameter. |
| 2-4 inch caliper | <ul style="list-style-type: none"> • Daily for four weeks - Depending on temperature and wind, apply 1-2 gallons per inch of trunk diameter. • Every other day until established (two to four or more seasons) - Depending on temperature and wind, apply 2-4 gallons per inch of trunk diameter. |
| > 4 inch caliper | <ul style="list-style-type: none"> • Daily for six weeks - Depending on temperature and wind, apply 1-2 gallons per inch of trunk diameter. • Every other day until established (four or more seasons) - Depending on temperature and wind, apply 2-4 gallons per inch of trunk diameter. |
| <ul style="list-style-type: none"> ○ Check the actual water need before watering. A common mistake on compacted and clayey soils (with poor drainage) is to apply too much water per irrigation, waterlogging the planting hole. Never apply irrigation if soil is saturated. ○ Know what new leaves look like, and water enough to promote new growth throughout the growing season. ○ Reduce watering in the fall when new growth declines. ○ Resume watering in the spring when leave buds start to swell. ○ Trunk diameter on small trees is measured at six inches above the soil line. ○ In our dry, semi-arid climate, there is benefit from applying additional irrigation outside the root ball area. This can be done with a ringed soil berm that allows water to percolate into the soil or a soaker-type hose running around the backfill area. | |