

Application Methods for ShortStop® Tree Growth Regulator

Which Type of Application Method is Best for you?

Two Types of TGR Applications

Basal (Soil) Drench is low cost and good for small jobs.

Soil Injection requires equipment but does any job quickly & easily.



Basal (Soil) Drench:

The application is made by digging a trench (3" deep x 2-3" wide) around the base of the tree. Carefully pour the calculated volume of RTU into the trench. **IMPORTANT:** the liquid should be *evenly distributed* for effective results. Once the TGR is absorbed into the soil, push the dirt back into the trench firmly. Length of absorption time will vary with soil compaction, available moisture, and soil type/texture (20-45 min. per tree).
Minimum EQUIPMENT: trowel or Cats Claw, tray, graduated cylinder or measuring cup



Soil Injection:

Using a soil probe (depth 6"), apply the RTU in a circular pattern around the base of the tree. **IMPORTANT:** injection sites (holes) should be *evenly distributed* for effective results. Each injection site (hole) should have about 200-250 mLs. The pressure should be approximately 80-120 psi but if the soil is very compacted or hard clay, reduce the pressure & make more holes. Timing is less than 7 min. per tree.
Minimum EQUIPMENT: soil probe, flow meter, mixing tank with pressure

Job Estimating for application of ShortStop® Tree Growth Regulator

"Rule of Thumb" for Estimating the Arborist's Chemical Cost for a TGR Application:

The cost for Ready-to-Use (RTU)	
.01¢ per milliliter	.30¢ per ounce

An example is a 12 inch Hickory requiring 1800 mLs of TGR, the arborist's chemical cost is \$18.00
(60 ounces = \$18.00)