TIMING OF INJECTIONS

Shoot growth is most common between April and June. Mastiff PGR applications made prior to shoot growth, either in early spring or the preceding fall, provide more first-year growth control than applications made at other times. Late spring to summer, or fall applications will provide growth reduction the following year.

Regardless of application timing, growth reduction within the first year after treatment may not be as noticeable as in subsequent years. A single Mastiff PGR application will reduce vegetative growth by up to 70% over three years. Do not make Mastiff treatments more than once every three years.

When you start to see increased elongation between nodules, that is your signal to treat again.

HIGH SENSITIVITY SPECIES

Use lower dosage to avoid overregulation.

- Box Elder
- Sweetgum
- Dogwood (This is an extremely sensitive plant.)

DIAMETER < 5”
(measured within 12” of the ground)

Inject 0.5 ml every 4” around the base of the tree.

DIAMETER > 5”
(measured within 12” of the ground)

Inject 1 ml every 6” around the base of the tree.

NORMAL SENSITIVITY SPECIES

Standard dosage is appropriate.

- Ash
- Black Cherry
- Elm
- Live Oak
- Melaleuca
- Pin Oak
- Post Oak
- Red Oak
- Silver Maple
- Water Oak
- Willow
- Willow Oak

DIAMETER < 5”
(measured within 12” of the ground)

Inject 0.5 ml every 3” around the base of the tree.

DIAMETER > 5”
(measured within 12” of the ground)

Inject 1 ml every 4” around the base of the tree.

HARDER-TO-REGULATE SPECIES

Increased dosage required to achieve regulation.

- Alder
- Black Locust
- Black Olive
- Cottonwood
- Eucalyptus
- Hackberry
- Laurel Oak
- Pine
- Sycamore

DIAMETER < 5”
(measured within 12” of the ground)

Inject 1 ml every 4” around the base of the tree.

DIAMETER > 5”
(measured within 12” of the ground)

Inject 2 ml every 4” around the base of the tree.