

For Management, Reduction or Regulation of Short Growth and Overall Canopy Growth of a Wide Variety of Ornamental Trees.

For Use by Professional Arborists/Applicators, Grounds Maintenance Professionals, City Foresters, Electric Utility Foresters/Contractors and Landscapers with the ArborSystems Wedgle™ Direct-Inject™ Tree Injection Systems.

SUPPLEMENTAL BULLETIN

CONTAINS ADDITIONAL INFORMATION WHICH MAY NOT APPEAR ON PACKAGE LABEL. ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE PACKAGE LABEL ARE TO BE FOLLOWED.

This use permitted under FIFRA Section 2(ee)

EPA REG. NO. 67690-34-69117

THIS BULLETIN MUST BE IN POSSESSION OF USER AT THE TIME OF APPLICATION.

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 provides tree growth regulation for three to five 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
- Lide
- Sweetgum
- Dogwood
- Rates have not been established.*
- 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.

- | | | | |
|--------------------------|---------------------|-------------|-----------------------------|
| • African Sumac | • Catalpa | • Live Oak | • Shumard Oak |
| • Ailanthus | • Chinaberry | • Melaleuca | • Silver Maple |
| • Ash | • Deodora Cedar | • Mimosa | • Valley Oak |
| • Australian Bottle Tree | • Elm | • Olive | • Water Oak |
| • Bay | • Ginko (male only) | • Pin Oak | • White Oak |
| • Black Cherry | • Hickory | • Poplars | • Willow |
| • Black Gum | • Honey Locust | • Post Oak | • Willow Oak |
| • Blackjack Oak | • Laurel Cherry | • Raintree | • Yellow Poplar (tuliptree) |
| | | • Red Oak | |
| | | • Sassafras | |

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 | • Cottonwood | • Mesquite | • Sierra Redwood |
| • Banyan (Ficus) | • Crabapple | • Mulberry | • Sycamore |
| • Black Locust | • Eucalyptus | • Palo Verde | |
| • Black Olive | • Hackberry | • Pine | |
| • Bradford Pear | • Jacaranda | • Red Cedar | |
| | • Laurel Oak | • River Birch | |

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.



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www.ArborSystems.com

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Wedgle™ Tip is protected by U.S. Patent #5,239,773
WedgeChek™ is protected by U.S. Patent #5,797,215