Mastiff™ PGR
EPA Reg. No. 67690-34-69117

Box Label

Mastiff™ PGR
ArborSystems Direct-Inject™ Chemical
Easy • No Drilling • No Piping

CAUTION
Keep Out of Reach of Children
See insert for additional precautionary statements and complete directions for use.

DIRECTIONS FOR USE
If it is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Pesticide Storage: Store in a tightly closed container in a cool, dry place.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

Bottle Label

Mastiff™ PGR
ArborSystems Direct-Inject™ Chemical for management, reduction or regulation of shoot growth and overall canopy growth of a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantcapes.

ACTIVE INGREDIENT:
Fluromax™ (CAS No. 56425-31-3) 48.1% Other Ingredients: 51.9%
Total: 100.0%

* (methyl)ethyl-cy- (4-chloro-phenyl) phenyl-sulfonylamine. Contain 1.8 oz (50 g) grams active ingredient per 4 fl oz (120 ml) bottle.

DIRECTIONS FOR USE
It is violation of Federal law to use this product in a manner inconsistent with its labeling.

Pesticide Storage: Store in a tightly closed container in a cool, dry place.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

Keep Out of Reach of Children
See insert for additional precautionary statements and complete directions for use.
MASTIFF™ PGR

ArborSystems Direct-Inject™ Chemical
Easy • No Drilling • No Posting

MASTIFF™ PGR

For management, reduction or regulation of shoot growth and overall canopy growth of a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantscapes.

For Use By Professional Arborists/Applicators, Grounds Maintenance Professionals, City Foresters, Electric Utility Foresters/Contractors and Landscapers.

To be used only with the ArborSystems Direct-Inject™ Tree Injection Systems.

ACTIVE INGREDIENT:
Flurprimidol® (CAS No. 56425-91-3) ................................. 48.1%
OTHER INGREDIENTS .............................................. 51.9%
Total: 100.0%

*α-(1-methylethyl)-α-[4-(trifluoroethoxy) phenyl]-5-pyrimidinemethanol.
Contains 1.8 fl oz (51 grams) active ingredient per 4 fl oz (120 ml) bottle.

Keep Out of Reach of Children
CAUTION
See insert for additional precautionary statements and complete Directions for Use.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

ArborSystems Direct-Inject™ Units are designed to be used only with ArborSystems™ pre-bottled chemicals. Tampering with bottles or contents may cause non-warrantied damage to your injection system.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal. Pesticide Storage: Store in a tightly closed container in a cool, dry place. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Triple rinse, or equivalent, then dispose of in an incinerator or landfill approved for pesticide containers.

Net Contents 4 fl oz (120 ml)
EPA Reg. No. 67690-34-69117 • EPA Est. 69117-NE-1

Sold by
ArborSystems

www.ArborSystems.com • Omaha, NE 68134

120 ML Box Label
MASTIFF™ PGR

ArborSystems Direct-Inject™ Chemical for management, reduction or regulation of shoot growth and overall canopy growth of a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior plantscapes.

ACTIVE INGREDIENT:
Flurprimidol (CAS No. 58425-91-3) ................. 48.1%
OTHER INGREDIENTS ................................ 51.9%

Total: 100.0%

*C-2-(1-methylethyl)-C-4-(trifluoromethoxy)phenyl-5-pyrimidinemethanol.
Contains 1.8 fl oz (51 grams) active ingredient per 4 fl oz (120 ml) bottle.

Keep Out of Reach of Children

CAUTION
See insert for additional precautionary statements and complete Directions for Use.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

The ArborSystems Direct-Inject™ Units are designed to be used only with ArborSystems pre-bottled chemicals. Tampering with bottles or contents may cause non-warranted damage to your injection system.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Store in a tightly closed container in a cool, dry place. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Triple rinse, or equivalent, then dispose of in an incinerator or landfill approved for pesticide containers.

Net Contents 4 fl oz (120 ml)
EPA Reg. No. 67690-34-69117 • EPA Est. 89117-NE-1
Sold by

ArborSystems

www.ArborSystems.com • Omaha, NE 68134 MA_B_08_1

120 ML Bottle Label
MASTIFF™ PGR

ArborSystems Direct-Inject™ Chemical for management to growth of ornamental trees.

ACTIVE INGREDIENT:
Flurprimidol* (CAS No. 56425-91-3) .......... 48.1%
OTHER INGREDIENTS ......................... 51.9%

Total: 100.0%

*α-(1-methylethyl)-α-[4-(trifluoromethoxy) phenyl]-5-pyrimidinemethanol.
Contains 0.45 fl oz (12.75 grams) active ingredient per 1 fl oz (30 ml) bottle.

Net Contents 1 fl oz (30 ml)
EPA Reg. No. 67690-34-69117 • EPA Est. 69117-NE-1

Keep Out of Reach of Children
CAUTION
See insert for additional precautionary statements and complete Directions for Use.

Sold by
ArborSystems

www.ArborSystems.com • Omaha, NE 68134

MA_S3L_06-1
**MASTIFF™ PGR**

For management, reduction or regulation of shoot growth and overall canopy growth of a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior planters.

**ACTIVE INGREDIENT:**
Flurprimidol* (CAS No. 56425-91-3) .............. 48.1%
OTHER INGREDIENTS ................................. 51.9%
Total: 100.0%

*nc-(1-methylethyl)-nc-(4-trifluoromethyl) phenyl)-5-pyrimidinemethanol.
Contains 15 fl oz (425 grams) active ingredient per 1 qt (2 fl oz) (1000 ml) bottle.

**DIRECTIONS FOR USE**
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**STORAGE AND DISPOSAL**
Do not contaminate water, food or feed by storage or disposal. Pesticide Storage: Store in a tightly closed container in a cool, dry place. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Return the used 1 qt 2 fl oz (1000 ml) chemical pack to ArborSystems, in the provided pre-paid mailer, for disposal.

Net Contents 1qt 2 fl oz (1000 ml)
EPA Reg. No. 57690-34-09117  •  EPA Est. 89117-NE-1

Sold by ArborSystems

CAUTION
See box label for additional precautionary statements and complete Directions for Use.
**MASTIFF™ PGR**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** H-shaped label causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present or in areas below thebes high water mark. Do not contaminate water when disposing of equipment wash water or waste water.

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**MASTIFF™ PGR**

**Easy • No Drilling • No Postling**

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

- The ArborSystems Direct-Inject™ Tree Injection Systems: The ArborSystems Direct-Inject™ Units are designed to be used only with ArborSystems pre-packaged chemicals. Tampering with packs or contents may cause harm or damage to the system.
- For Use By Professional Arborists/Applicants, Grounds Maintenance Professionals, City Foresters, Electric Utility Foresters/Contractors, and Landscapers.

**GENERAL INFORMATION**

- Do Not Inject Food Bearing Trees.

**ARBORESCENTS DIRECT-INJECT™ TREE INJECTION SYSTEMS**

The ArborSystems Direct-Inject™ Tree Injection Systems are easy to use. Most trees are treated in as little as five minutes, allowing application to treat trees quickly. There is no need to wait for absorption, transpiration, or other processes. The chemical is directed into the root system by the pre-packaged chemicals, and held inside by the self-sealing WedgeCheck™. Therefore, the chemical is not lost to the air or water, and is readily available in the tree when needed.

**INDICATIONS**

- **Mastiff PGR** is a plant growth regulator (PGR) intended for the management, reduction or regulation of shoot growth and overall canopy growth of a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and non-crop areas. **Mastiff PGR** has demonstrated desirable regulation of growth in many woody ornamental plants and deciduous trees species, without phytotoxic effects. Use **Mastiff PGR** to control canopy growth, pruning volume-frequency and for the associated benefits of disease stomata-regulated growth and reduced shoot tip injury, increased canopy tolerance and establishment in tree seedlings.

Growth reduction is beneficial for trees planted under and near utility lines, close to homes, decks, patios and driveways, in areas with restricted access for canopy and/or root development, or in areas where excessive growth may block a scenic view. Utility arborists look for growth reduction treatments to provide benefits such as reduced vegetative-restricted power usage, more efficient running temperatures, lengthened tree cycles and treated trees' hardiness to insects and diseases. The resulting increased growth rate also increases density of the tree canopy, enhancing shade and screening benefits. **Mastiff PGR** may suppress "split" diameter at least hospitably grown which can benefit trees growing in municipal parks and other crowded areas.

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**MASTIFF™ PGR**

**ACTIVE INGREDIENT:**

- Plurimod® (CAS No. 59425-91-1) 45.1%

- Other INGREDIENTS ................................................. 54.9%

**CONTENTS:**

1 qt 2 fl oz (1,000 ml) EPA Reg. No. 06999-23-90117

**EPA Est. 9117-NE-1**

**STORAGE AND DISPOSAL**

- Do not wash water that has been exposed to exposure. Pesticide Storage: Store in a tightly sealed container in a cool, dry place. Pestidicde/Disposal/Disposal: Waste resulting from the use of this product may be disposed of at or at approved waste disposal facility. Container Disposal: Remove the 1 qt 2 fl oz (1,000 ml) plastic container to ArborSystems. In the provided pre-paid label for disposal.

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**NOTICE OF WARRANTY**

ArborSystems warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes for which it is sold. ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee, representation, express or implied, concerning this product.

**MASTEY™ PGR** is a trademark of ArborSystems. **WedgeCheck™** is a trademark of ArborSystems. **WedgeCheck™** is protected by U.S. Patent No. 4,239,773.