

# TREE TECH® DICAMBA

## HERBICIDE

A Systemic Herbicide Administered by the Tree Tech Microinjection System for the Control of Certain Undesirable Ornamental and Forest Trees, Vines and Woody Shrubs.

### ACTIVE INGREDIENT:

Dicamba (Dimethylamine salt of 3,6-dichloro-o-anisic acid) . . . . . 13.3%

INERT INGREDIENTS . . . . . 86.7%  
100.0%

NET CONTENTS: Each microinjection unit contains 0.55 grams a.i. of 3,6-dichloro-o-anisic acid

Tree Tech is a Reg. TM of Florida Silvics, Inc.  
Morriston, FL 32668

EPA Reg. No. 64014-12 EPA Est. No. 64014-FL-001

### **STOP: READ THE LABEL BEFORE USE**

### **FOR USE BY COMMERCIAL ARBORISTS (APPLICATORS)**

### **KEEP OUT OR REACH OF CHILDREN**

### **CAUTION**

See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements

### **NET CONTENTS**

5 ml per microinjection unit  
100 microinjection units (500 ml total)  
per carton

### **Sold by:**

Florida Silvics, Inc.  
(dba TREE TECH® MICROINJECTION SYSTEMS)  
950 SE 215th Avenue  
Morriston, FL 32668

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**CAUTION:** Avoid contact with eyes or clothing. Harmful if swallowed. Avoid breathing mist. Protective eye wear and chemical-resistant gloves must be worn while handling or installing microinjection units to prevent accidental contact with the eyes or skin. Wash thoroughly with soap and water after handling. In case of contact, wash skin with soap and water; for eyes, flush with water for 15 minutes and get medical attention. Remove contaminated clothing and wash separately from household items before reuse.

### **Personal Protective Equipment (PPE):**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions of category C on an EPA chemical resistant selection chart.

Applicators and other handlers when installing or removing this product must wear:

- Long-sleeved shirt and long pants

- Chemical resistant gloves, such as barrier laminate, or butyl rubber, or polyvinyl chloride
- Shoes plus socks
- Protective eyewear

### Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## **STATEMENTS OF PRACTICAL TREATMENT**

**If Inhaled:** Remove victim to fresh air. Get medical attention. If not breathing, give artificial respiration, preferably mouth-to-mouth.

**If Swallowed:** Call a physician or poison control center immediately. Give one or two glasses of water and induce vomiting by gently touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

**If on Skin:** Remove contaminated clothing and wash affected area with soap and warm water.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation exists.

## **ENVIRONMENTAL HAZARDS**

Keep out of lakes, streams or ponds. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater. Apply this product only as directed.

## **USER SAFETY RECOMMENDATIONS**

### **DIRECTIONS FOR USE**

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

Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**PRECAUCION AL USARIO:** Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

**IMPORTANT:** Read these entire **DIRECTIONS FOR USE, GENERAL INFORMATION, and CONDITIONS OF SALE** before using DICAMBA herbicide as they are written exclusively for using DICAMBA applied internally in the Tree Tech microinjection unit only.

## **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

### Applying DICAMBA herbicide using the Tree Tech microinjection system:

The DICAMBA herbicide label and microinjection instructions must be read and understood prior to use or installation of Tree Tech Microinjection Systems' microinjection units. Failure to follow these directions may lead to injury to the installer or other persons, mechanical damage to treated trees, and phytotoxic damage to non-treated plants. The following instructions must be heeded to ensure effective use of the microinjection units containing DICAMBA herbicide:

1. DICAMBA herbicide may be translocated from treated plants to non-treated plants through functional root contacts or grafts. To prevent the accidental damage to or death of non-treated plants, soil trenching and root severing at or near root contacts or grafts prior to herbicide injection are required. Failure to disrupt functional root contacts or grafts will increase the likelihood of damage to, or death of, non-treated plants. Buyers and users of DICAMBA herbicide are solely responsible for translocated herbicide damage to non-treated plants.

2. Protective eye wear and rubber or neoprene gloves must be worn while handling or installing the microinjection unit to prevent accidental contact with eyes or skin.

3. When properly installed and activated, the microinjection unit generates internal pressure resulting in the flow of DICAMBA herbicide through the dispenser tip. The microinjection unit must never be activated unless installed correctly and securely in the tree to be treated.

4. Microinjection units containing DICAMBA herbicide may require several hours to empty depending on the health of the treated tree and local weather conditions. Never assume that the microinjection units have been depressurized completely because they appear nearly empty or empty. When removing microinjection units, individuals must wear proper eye protection and rubber or neoprene gloves. The individual should then cover the microinjection unit with one hand near the point of insertion into the stem while grasping the barrel end of the microinjection unit with the other hand. The microinjection unit should be turned slightly as it is slowly withdrawn from the tree.

5. After microinjection units are removed from the treated trees they must be discarded into the heavy-duty plastic disposal bag included in each case of microinjection units. The bag should be properly sealed and placed in the original carton. Sealed cartons may be returned freight prepaid to Florida Silvics, Inc., (dba Tree Tech Microinjection Systems), 950 SE 215th Ave.,

Morrison, FL 32668 for disposal.

#### Installing Microinjection Units:

1. Determine the number of microinjection units to be installed based upon the spacing of microinjection units at 6-inch intervals around the stem. Unless otherwise noted, microinjection units should be installed in the stem and root flares near the ground line, i.e., 2.0-to-8.0 in. or 5-to-20 cm from the soil surface.

2. Using a cordless electric drill (600-to-800rpm) with a sharp, clean 11/64-in. (0.4-cm) bit, the installer should drill a hole at the correct stem circumference spacing to a depth of 3/8-to-1/2 in. (1.0-to-1.3 cm) into the wood (xylem) under the bark. A downwardly angle of 45 degrees is recommended for more complete drainage of the microinjection unit.

3. After reaching the proper depth range, the drill bit should be withdrawn carefully to avoid dislodging bark fragments around the exterior opening of the hole. Insert the microinjection unit into the hole without delay. Placing the plastic installation cap over the rear barrel end, strike the cap with a plastic hammer to seat the microinjection unit firmly in the hole. If the microinjection unit is not properly positioned in the hole, strike the cap again until correctly seated. By striking the microinjection unit, the frontal dispenser tip is forced into the funnel-shaped section dislodging an internal septum which allows the DICAMBA herbicide to flow from the microinjection unit into the tree. When the microinjection unit is positioned correctly in the tree and the septum is dislodged, remove the cap. Push the rear barrel portion of the unit downwardly until the locking mechanism is engaged. This pressurizes the microinjection unit and assists in the movement of DICAMBA herbicide into the vascular system of the tree.

4. When the microinjection unit is positioned correctly in the tree and the septum is dislodged, remove the cap. Push the rear barrel portion of the unit downwardly until the locking mechanism is engaged. This pressurizes the microinjection unit and assists in the movement of DICAMBA herbicide into the vascular system of the tree.

5. Each hole should be drilled and a microinjection unit installed without delay. After the unit is properly seated, it should be activated. This sequence minimizes the flow of tree sap or resin into the hole prior to uptake of DICAMBA herbicide during the microinjection process.

6. When properly installed, the microinjection unit generates internal pressure resulting in the flow of DICAMBA herbicide through the dispenser tip. The microinjection unit must never be activated unless installed correctly and securely in the tree to be treated.

7. Microinjection units containing DICAMBA herbicide may require several hours to empty depending on the health of the treated tree and local weather conditions. Microinjection units should be removed as soon as the evacuation of DICAMBA herbicide is completed.

**APPLICATION:** Apply in all cases when plant root systems are established and plants are actively growing. DICAMBA herbicide should be applied to the following woody plants to maximize the potential for herbicidal control:

Ailanthus altissima  
Albizia sp.  
Alder  
Ash  
Aspen

Basswood  
Beech  
Birch  
Black gum,  
Brazilian peppertree  
Camphor  
Cedar  
Cherry, black  
Chokecherry  
Chinaberry  
Chinese tallow tree  
Chinquapin  
Cottonwood  
Creosotebush  
Dogwood  
Elm  
Eucalyptus  
Fig (Ficus)  
Gallberry  
Grape, wild  
Hackberry  
Hawthorn  
Hemlock  
Hickory  
Honeylocust  
Hornbeam  
Ivy, poison  
Locust, black  
Maple  
Melaleuca quinquenervia  
Oak  
Persimmon, eastern  
Pine  
Pine, Australian  
Poplar  
Redcedar, eastern  
Sassafras  
Serviceberry  
Spruce  
Sumac  
Sweetgum  
Sycamore  
Ti Ti  
Wax myrtle  
Willow  
Witch-hazel  
Yaupon

Install one (1) microinjection unit every six (6) inches around the circumference of the stem approximately 2-to-8 inches from the ground line. Make application of DICAMBA herbicide when plant roots are established and plants are actively growing.

#### **STORAGE**

**STORAGE:** Store product in the closed, original container in a cool, dry, locked place out of reach of children. Store microinjection units at room temperature (45 degrees to 75 degrees F). Do not freeze. Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site according to local regulations or at an approved waste disposal facility.

#### **MICROINJECTION UNIT CONTAINER DISPOSAL:**

Do not reuse microinjection units. Used microinjection units should be placed in the heavy-duty plastic bag which accompanies each case of microinjection units. The bag should be properly sealed, placed into the original shipping carton and may be returned for disposal freight prepaid to Tree Tech Microinjection Systems, 950 S.E. 215th Ave., Morrison, FL 32668.

#### **GENERAL INFORMATION**

DICAMBA systemic herbicide solution is for use by commercial applicators on certain species of trees, vines and woody shrubs in commercial and residential landscapes, interior and exterior plantscapes, roadsides, gardens, parks, golf courses, lawns, grounds, and other areas where plants are grown.

#### **CONDITIONS OF SALE**

THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE APPROPRIATE FOR THE CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED UNDER DIFFERENT ENVIRONMENTAL CONDITIONS BOTH INDOORS AND OUTDOORS UNDER CONDITIONS SIMILAR TO THOSE THAT ARE ORDINARY AND CUSTOMARY WHERE THE PRODUCT IS TO BE USED. INSUFFICIENT CONTROL OF PESTS OR PLANT INJURY MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL CONDITIONS, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO ANIMALS, MAN, AND DAMAGE TO THE ENVIRONMENT. TREE TECH MICROINJECTION SYSTEMS OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL ENVIRONMENTAL CONDITIONS, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF TREE TECH MICROINJECTION SYSTEMS, AND ARE THEREFORE, THE RESPONSIBILITY OF THE BUYER.

1. Tree Tech Microinjection Systems warrants that this product conforms to the chemical description on the label and is reasonably fit for the use under average conditions when used strictly in accordance with the directions on the labeling. Tree Tech Microinjection Systems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

2. Critical and unforeseeable factors beyond the control of Tree Tech Microinjection Systems prevent it from eliminating all risks in connection with the use of this product. Such risks, include, but are not limited to, damage to plants to which the product is applied, lack of complete control over the handling and application of this product, and damage caused by movement to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Tree Tech Microinjection Systems under 1 above) resulting from handling, storage and use of this product.

3. Tree Tech Microinjection Systems shall not be liable to Buyer for any consequential, special or indirect damages alleged to arise from Tree Tech Microinjection Systems' performance or non-performance of its obligations from the use, sales or handling of the Product, regardless of any goods found by Tree Tech Microinjection Systems to be defective. Any such claims shall be deemed waived unless made in writing within fifteen (15) days the Buyers' receipt of the Product or Buyer's discovery of defective Product, whichever date is later.

4. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product. Neither Tree Tech Microinjection Systems nor its employees or distributors will be liable for any damages resulting from improper use of the microinjection units.

**TREE TECH Reg. TM of Florida Silvics, Inc.**