SNIPPER®

Woody Plant Deflowering Hormone

Contains Indole-3-butyric Acid Deflowering Hormonal Solution Applied Internally by TREE TECH Microinjection System for Promoting Premature Abscission of Male and/or Female Flowers.

ACTIVE INGREDIENT:	
Indole–3-butyric acid	4.0%
OTHER INGREDIENTS	96.0%
	100.0%

U.S. Patent No. 3,051,723
SNIPPER is a Reg. TM of Florida Silvics, Inc., Morriston, FL 32668

EPA Reg. No. 64014-13
EPA Est. No. 64014-FL-001

STOP: READ THE LABEL BEFORE USE

FOR USE BY COMMERCIAL ARBORISTS (APPLICATORS)

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If inhaled	•Move person to fresh air. •If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. •Call a poison control center or doctor for further treatment advice
If on skin or clothing	•Take off contaminated clothing. •Rinse skin immediately with plenty of water for 15-20 minutes. •Call a poison control center or doctor for treatment advice.
If in eyes	•Hold eye open and rinse slowly and gently with water for 15-20 minutes. •Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. •Call a poison control center or doctor for treatment advice
If swallowed	•Call poison control center or doctor immediately for treatment advice. •Have person sip a glass of water if able to swallow. •Do not induce vomiting unless told to do so by the poison control center or doctor. •Do not give anything to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-800-457-2022** for emergency medical treatment information.	

SEE REAR PANEL FOR PRECAUTIONARY STATEMENTS

NET CONTENTS: Each microinjection unit contains 5 mL (0.2 gm a.i. indole-3-butyric acid) per microinjection unit. There are 100 microinjection units (500 mL total) per case.

Sold by:
FLORIDA SILVICS, INC.
(dba Tree Tech Microinjection Systems)
950 S.E. 215th Avenue
Morriston, FL 32668 USA
(352) 528-5335

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE) .

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and Other Handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves
- Goggles

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

USER SAFETY RECOMMENDATIONS

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.

ENVIRONMENTAL HAZARDS

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 or rinsate.

AVISO:

PRECAUCION AL USARIO: Si Usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

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

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible.

Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and with the Worker Protection Standard, 40 CRR 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 labeling about personal protective equipment and restricted entry intervals.

The requirements in this box only apply to the uses of this product that are covered by the Workers Protection Standard (WPS).

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
THE RESTRICTED-ENTRY INTERVAL (REI) FOR THIS PRODUCT IS "0" HOURS.

SNIPPER deflowering hormonal solution is for use by commercial applicators on ornamental flowering trees in commercial and residential landscapes, interior and exterior plantscapes, roadsides, gardens, parks, golf courses, lawns or grounds and other areas where trees are grown. See tree chart for approved tree species. SNIPPER deflowering hormonal solution will be translocated throughout the vascular system of the plant.

USE DIRECTIONS

Applying SNIPPER using the Tree Tech microinjection system:

SNIPPER 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 as well as mechanical or phytotoxic damage to treated trees. The following instructions must be heeded to ensure proper and effective use of the microinjection units containing SNIPPER deflowering hormonal solution.

1. Do not inject trees that are less than two inches in diameter.
2. Do not inject trees within two weeks of any other spray or soil chemical treatment.
3. Do not treat trees that are suffering from stress such as lack of moisture or herbicide damage.
4. This product is not to be used on trees that will produce food within the year following treatment.
5. Protective eyewear and rubber or neoprene gloves must be worn while handling or installing the microinjection unit to prevent accidental contact with the eyes or skin.

6. When properly installed and activated, the microinjection unit generates internal pressure resulting in the flow of SNIPPER solution through the dispenser tube. The microinjection unit must never be activated unless installed correctly and securely in the tree to be treated.
7. Microinjection units containing SNIPPER may require up to several minutes or more to empty depending on the health of the treated tree and local weather conditions. Never assume that microinjection units have 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.
8. After microinjection units are removed from 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 should be returned freight prepaid to Tree Tech Microinjection Systems, 950 S.E. 215th Ave., Morriston, FL 32668 for disposal.

Installing Microinjection Units:

1. Determine the number of microinjection units to be installed based upon the prescribed dosage rate of one microinjection unit every 4 inches around the circumference of 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. (5-to-20 cm) from the soil surface.
2. Using a cordless electric drill (600-to-800 rpm capacity is preferred) with a sharp, clean 11/64 in. (0.4 cm) bit, the installer should drill a hole at a downwardly angle of approximately 45 degrees to a depth of 3/8-to-1/2 in. (1.0-to-1.3 cm) into the wood (xylem) under the bark. This drilling angle is prescribed for more complete drainage of the microinjection unit.
3. After reaching the proper depth, 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. Placing the plastic installation cap over the rear barrel end, strike the cap with a plastic hammer to seat the microinjection unit firmly into 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 that allows the SNIPPER solution 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 SNIPPER into the vascular system of the tree. Alternatively, the septum may be dislodged from the funnel-shaped section by supporting the unit on a flat surface and drilling the septum out, then inserting the unit over the back of the feeder tip.
4. 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 SNIPPER microinjection.
5. When properly installed and activated, the microinjection unit generates internal pressure resulting in the flow of SNIPPER solution through the dispenser tube. The microinjection unit must never be activated unless installed correctly and securely in the tree to be treated.
6. Microinjection units containing SNIPPER may require up to several minutes or more to empty depending on the health of the treated tree and local weather conditions, Microinjection units should be removed upon evacuation of SNIPPER deflowering hormonal solution.

APPLICATION: Apply in all cases when plant root systems are established and actively growing. Applications should be applied at the beginning of flower bud break.

Tree	Target	Microinjection unit Spacing Interval Around Stem Circumference	Time of Injection
Ash Black locust Black walnut Cherry Cottonwood Crabapple Gingko Hackberry Hickory Honey locust Maple Oak Olive Persimmon Plum Tree of Heaven Sweet gum Sycamore	Flowers (male and/or female)	One microinjection unit every 4 inches	After flower buds break and as flowers approach maximum size

GENERAL INFORMATION

SNIPPER deflowering hormonal solution is for use by commercial applicators on ornamental flowering trees. Not for use on sweet gum trees for research purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal of microinjection units.

PESTICIDE STORAGE: Store product in the closed, original container in a cool, dry, locked place out of the reach of children. Do not expose to temperatures below 32 degrees F (0 degrees C).

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. For help with any spill, call day or night (415) 233-3737.

MICROINJECTION UNIT CONTAINER HANDLING:
Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Open dumping is prohibited.

IF EMPTY: Do not reuse this container. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local solid waste sgency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

Used microinjection units may be placed in the heavy-duty plastic bag that accompanies each case of microinjection units. The bag should be properly sealed, placed into the original shipping carton and returned freight prepaid for disposal to Tree Tech Microinjection Systems, 950 S.E. 215th Ave., Morriston, FL 32668.

WARRANTY AND DISCLAIMER STATEMENT

To the fullest extent permitted by law, Tree Tech Microinjection Systems warrants that this product conforms to the description on the label and is reasonably fit for the purposes set forth on the label, when used according to directions under normal use conditions. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions. The buyer and user acknowledge and assume all risk of use of this product when such use is contrary to label instructions. Read and follow label directions carefully.

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