

Transtect[™] INFUSIBLE[™]

Systemic Insecticide for the management of insect pests of Forest and Ornamental trees and shrubs



| Active Ingredient: | By Wt |
|--|---------------|
| Dinotefuran[N-methyl-N'-nitro-N''-(tetrahydro-3-furanyl)methyl]guanidine]..... | 22.5% |
| Other Ingredients:..... | 77.5% |
| Total: | 100.0% |

NET CONTENTS: 1 pint (473 mL)
Contains 1.9 pounds of dinotefuran per gallon

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See Side/Back Panel for Additional Precautionary Statements, First Aid and Directions for Use

EPA Reg. No. 74779-15

EPA Est. No. 65387-AR-002

Distributed by:



Rainbow[™]
ECOSCIENCE

Rainbow Treecare Scientific Advancements DBA:
Rainbow Ecoscience
11571 K-Tel Dr. Minnetonka, MN 55343
1-877-272-6747
www.rainbowecoscience.com

FIRST AID

| | |
|-------------------------------|---|
| IF INHALED | <ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice. |
| IF SWALLOWED: | <ul style="list-style-type: none">• Call a 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 a poison control center or doctor.• Do not give anything by mouth to an unconscious person. |
| IF ON SKIN OR CLOTHING | <ul style="list-style-type: none">• 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: | <ul style="list-style-type: none">• 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. |

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

HOT LINE NUMBER

For 24-Hour Medical Emergency Assistance (Human or Animal), or Chemical Emergency Assistance (Spill, Leak, or Accident).
Call CHEMTREC at **1-800-424-9300**.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Harmful if inhaled. Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long sleeved shirt, long pants, socks, shoes and gloves. Remove and wash contaminated clothing before reuse. Avoid breathing spray mist.

Personal Protective Equipment (PPE)

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

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any water proof material
- Shoes plus socks.

Applicators and other handlers are also recommended to wear protective eyewear.

Follow 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:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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

This pesticide is toxic to aquatic invertebrates. 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 dispose of equipment washwaters or rinsate into a natural drain or water body. Do not contaminate water when disposing of equipment washwaters or rinsate.

This compound is highly toxic to honey bees. The persistence of residues and potential residual toxicity of Dinotefuran in nectar and pollen suggests the possibility of chronic toxic risk to honey bee larvae and the eventual instability of the hive.

This product is toxic to bees exposed to treatment for more than 38 hours following treatment. Do not apply this product to blooming, pollen shedding or nectar-producing parts of plants if bees may forage on the plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state or federal authorities.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 the 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.

RESTRICTIONS

- Do not inject trees that are less than two inches in diameter.
- This product is not to be used on trees which will produce food.
- For trees in forests that are pollinated by bees or other invertebrates, make application post-bloom.
- For flowering trees, make applications post-bloom.
- Do not apply this product by any method to linden, basswood or other Tilia species.

APPLICATION EQUIPMENT

Transtect Infusible is an insecticide for use with tree injection devices that meet the label and dose requirements. Test for compatibility with the injector and its liquid contact components before regular use. Clean the interior of the injector with a solvent cleaner to remove any residual liquid from prior use. Use tree injection devices with care and in a safe manner, in addition to following manufacturer's directions and precautions.

Note: The active ingredient in Transtect Infusible has been shown to be safe on a wide range of plant species. Before using on plants or insects not listed in the Directions for Use, test on a small scale basis and evaluate for phytotoxicity and insect control prior to widespread use.

DIRECTIONS

Follow manufacturer's directions and precautions in the use of pressurized tree injector systems. Measure the diameter of the tree at breast height (4.5 feet above the soil line) in inches. Unless specified otherwise with the manufacturer's use instructions for specific tree injection devices, to determine the number of injection sites when measuring the circumference of the tree, divide this number by six (6). If measuring the diameter of the tree, divide this number by two (2) to determine the number of injection sites needed. Apply the injector sites into the active sapwood, evenly spaced around the tree at the root flare region avoiding the valleys in between root flares. Ensure that the injection sites are no more than twelve (12) inches above the soil line. Excavating the soil 2-4 inches below the soil surface may help to expose the root flare. Follow good injection practices. Do not apply more than once per calendar year.

Use the following rates as a function of tree diameter at breast height (DBH):

For trees 2 to 10 inches DBH use 1 – 2 ml per DBH inch

For trees 10 to 36 inches DBH use 1 – 3 ml per DBH inch

For trees 36 inches DBH and above use 1 – 4 ml per DBH inch

Dosage per injection site is determined by dividing the number of injection sites into the total dosage per tree as per the above rate schedule. For heavier infestations or more difficult to control insects, use up to 4 ml per DBH inch on trees having a DBH of 2 inches and above. Trees in advanced stages of insect infestation may not respond to treatment. The health of the tree and the environmental conditions will determine the rate of uptake.

Table 1: Target insects on Forest and Ornamental Trees and Shrubs

Adelgids (such as hemlock wooly adelgid, pine bark adelgid, cooley spruce gall adelgid)
Aphids
Asian Longhorned Beetle
Bagworms (suppression)
Flatheaded Borer (excluding emerald ash borer)
Froghopper
Galls (such as Hickory Stem Gall)
Glassy-Winged Sharpshooter
Japanese Beetle (adults)
Lacebugs
Leaf Beetle
Leafhoppers
Leafminers
Mealybugs
Pine Tip Moth Larvae (suppression)
Plant Bug
Plant Hopper
Psyllids
Root Weevils
Roundheaded Borers
Royal Palm Bugs
Sawfly Larvae
Scale Insects (soft and armored scales)
Spotted Lanternfly
Stink Bug
Thrips
Treehopper
Whiteflies

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Store containers in an upright position, above 45°F, in a cool, dry place.

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(non-refillable ≤ 5 gallons): Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

NOTICE OF WARRANTY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USE WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.