

Pinetect™

Controlling Pine Wilt Nematode

Net Contents:
1 quart (946ml)

**KEEP OUT OF REACH OF CHILDREN
WARNING**

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

For injection into ornamental and non-crop-bearing trees and woody shrubs for the prevention of pine wilt nematode.

Active Ingredient	
Abamectin (CAS No. 65195-56-4 and 65195-55-3)	2.0%
Other Ingredients...	98.0%
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Total	100%

EPA Reg. No. 74779-1 EPA Est. No. 63416-MN-001

Distributed by:



Rainbow Treecare Scientific Advancements
11571 K-Tel Dr
Minnetonka, MN 55343

1-877-272-6747
www.treecarescience.com

FIRST AID:	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • Do not induce vomiting unless told to do so by the poison control center or a doctor. • Do not give anything by mouth to an unconscious person
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 poison control center or doctor immediately for treatment advice.
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 poison control center or doctor immediately for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call poison control center or doctor immediately for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<p align="center">HOT LINE NUMBER</p> <p>For 24 hour medical emergency assistance (human or animal), or chemical emergency assistance (spill, leak or accident). Call CHEMTREC at 1-800-424-9300.</p>	
<p align="center">NOTES TO PHYSICIAN</p> <p>Early signs of intoxication include dilation of pupils, muscular incoordination and muscular tremors. Toxicity following accidental ingestion of Pinetect™ can be minimized by early administration of chemical adsorbents (e.g. activated charcoal).</p> <p>If toxicity from exposure has progressed to cause severe vomiting, the extent of the resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parental fluid replacement therapy should be given along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms, and measurements.</p> <p>In severe cases, observations should continue for at least several days until clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.</p>	

**PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING: May be fatal if swallowed. Causes substantial, but temporary eye injury. Wear protective eyewear. Do not get in eyes, or on clothing. Harmful if inhaled or absorbed through the skin. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Do not breathe vapor. Avoid contact with skin.

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 B on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- Coveralls over short sleeved shirt and short pants
- Chemical-resistant gloves – EPA chemical-resistance category B (e.g. barrier laminate or butyl rubber ? 14 mils).
- Chemical resistant footwear plus socks
- Protective eyewear
- Wear chemical-resistant apron when cleaning equipment, mixing or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water, 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 wash water or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

ATTENTION

This product contains a chemical (N-methyl pyrrolidone) known to the state of California to cause birth defects or other reproductive harm.

DIRECTIONS FOR USE

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

Pinetect™ is a specially formulated water soluble Abamectin to be used for injection into non-crop bearing trees by commercial applicators for prevention of pine wilt nematode in commercial and residential areas and in commercial forestry production, nurseries, greenhouses, and in recreational forests.

Dosage and Timing:

As with most pesticides, because efficacy may vary depending on weather conditions, geographic conditions and other biological factors, applicators should treat small-scale outbreaks on a small number of trees prior to treating large numbers of trees.

Nematodes on Pines	Dosage and Timing
Pine Wilt Nematode	<p>For applications on pine wilt nematode do not dilute with water, inject straight concentrate into the tree.</p> <p>For prevention of pine wilt nematode. Use 30 milliliters of Pinetect™ for the first 6 diameter inches at 4.5' above ground level and an additional 30 ml of Pinetect™ for each additional 2-diameter inches. Divide the total dosage evenly between each injection device. A single treatment will prevent pine wilt nematode infection for two growing seasons. In some cases, it may take longer for each injection unit to empty out when injecting pine species.</p> <p>Optimal results are obtained when injections are made in the spring of the year.</p>

Mixing Instructions

1. See the table above to determine the proper dosage rate for Pinetect™.
2. Shake the Pinetect™ concentrate container prior to measuring out the desired amount.
3. Following the manufacturer's recommendations, dispense the desired amount of Pinetect™ into the refillable injection device.

Application Instructions

Pinetect™ can be used with a variety of root-flare injection devices. For all injection devices, read carefully and follow all manufacturer use directions.

Most injection devices may require up to several minutes or more to empty into the tree depending on the health of the treated tree and local weather conditions. Do not leave injection devices unattended

Removal

Promptly and safely remove the injection devices according to the manufacturer's instructions after the solution has emptied into the tree. Do not leave empty injection devices on trees. Follow the manufacturer's recommendations for proper cleaning and storage of the injection devices.

If the injection device does not completely empty within a few hours, depressurize the device and remove following manufacturers instructions so as to prevent any leaking of the solution. When using a refillable injection device, empty the leftover solution into an enclosed chemical resistant container. After the leftover solution has been emptied from the injection device, triple rinse the device with water. Ensure that the rinsate is collected in an enclosed chemical resistant container. Dispose of the leftover solution and rinsate according to state and local authorities.

Restrictions

- Use only on non-crop bearing trees and shrubs. Do not use on trees or shrubs, which will produce food within one year following application.
- Due to toxicity to bees, use for micro-injection only as a post bloom application.
- Pinetect™ is not for use on trees and shrubs less than 2" Diameter at Breast Height.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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 offer for pesticide container recycling, dispose of in an incinerator or landfill approved for pesticide containers, or dispose of by other procedures approved by state and local authorities

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

Notice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Tree injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or tree conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS or seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and seller harmless for any claims relating to such factors.

RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, RAINBOW TREECARE MAKES NO WARRANTIES OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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