



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

74779-20

Date of Issuance:

11/10/20

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Trimtect 3.0

Name and Address of Registrant (include ZIP Code):

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

c/o Eliot Harrison  
Agent for Rainbow Treecare Scientific Advancements  
Lewis & Harrison  
122 C. Street, N.W. Suite 505  
Washington, D.C. 20001

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Lindsay Roe, Product Manager 22  
Fungicide Branch, Registration Division (7505P)

Date:

11/10/20

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 74779-20.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSF:

- Basic CSF dated 10/30/2020

If you have any questions, please contact Lindsay Roe by phone at 703 347-0506, or via email at [roe.lindsay@epa.gov](mailto:roe.lindsay@epa.gov); or Yasmin Bowers by phone at 703 347-8634, or via email at [bowers.yasmin@epa.gov](mailto:bowers.yasmin@epa.gov).

Enclosure

# Trimtect 3.0

Active Ingredient:

Ethephon, [(2-chloroethyl) phosphonic acid] .....	1.0%
Paclobutrazol (R*, R*)-(±)-β-[(4-chlorophenyl) Methyl]-α-(1,1-dimethylethyl)- 1H-1,2,4-triazole-1-ethanol .....	8.0%
Other Ingredients:.....	<u>91.0%</u>
Total .....	100.0%

Contains 0.09 lbs. ethephon per gallon  
Contains 0.72 lbs. paclobutrazol 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.)

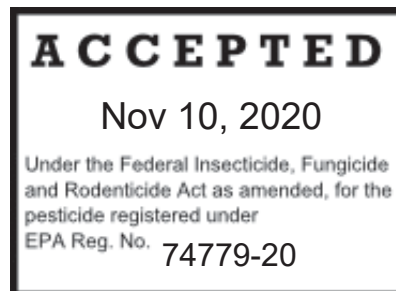
See Side/Back Panel for Additional Precautionary Statements, First Aid and Directions for Use

EPA Reg. No. 74779-EN

EPA Est. No.

Net Contents: \_\_\_\_\_

Rainbow Treecare Scientific Advancements  
11571 K-Tel Drive  
Minnetonka, MN 55343  
1-877-ARBORIST  
1-877-272-6747  
www.treecarescience.com



<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>HOT LINE NUMBER</b>	
For 24 hour medical emergency assistance (human or animal), or chemical emergency assistance (spill, leak or accident). Call CHEMTREC at 1-800-424-9300	

<b>NOTE TO PHYSICIAN</b>
Treat symptomatically. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. No specific antidote is available. Probable mucosal damage may contraindicate the use of gastric lavage

## **PRECAUTIONARY STATEMENTS**

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

**CAUTION:** Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing.

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

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants

- Chemical-resistant gloves such as barrier laminate, butyl rubber  $\geq$  14 mils, Nitrile rubber  $\geq$  14 mils, Neoprene Rubber  $\geq$  14 mils, Polyvinyl Chloride (PVC)  $\geq$  14 mils or Viton  $\geq$  14 mils
- Shoes plus socks.

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 exist, 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/PPE 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**

Avoid spray drift to nearby crops as this product may cause temporary modifications in plant growth. Do not contaminate water used for irrigation or domestic purposes.

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 cleaning equipment or disposing of equipment wash water.

**NON-TARGET ORGANISM ADVISORY STATEMENT:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

#### **Physical or Chemical Hazards**

Do not use or store near heat or open flame. Do not mix or allow contact with oxidizing agents, as a hazardous chemical reaction may occur.

#### **DIRECTIONS FOR USE**

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

**FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR PRODUCT PERFORMANCE.**

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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**CHEMIGATION:** Do not apply Trimtect 3.0 through any type of irrigation system.

**MANDATORY SPRAY DRIFT REQUIREMENTS**

**Boom-less Ground Applications:**

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

**Airblast Applications:**

- Direct spray into the canopy.
- Turn off outward pointing nozzles at row ends and when spraying outer rows.

**SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

**IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

**TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

**TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

**WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

**Product Information**

Trimtect 3.0 is a growth regulator that provides vegetative growth suppression of plants such as shrubs and small trees growing in landscapes.

**For ground application only.**

Trimtect 3.0 is absorbed through leaves, buds, roots, and new shoots. Once absorbed, Trimtect 3.0 inhibits cell elongation of terminal shoots. Treated plants require less pruning and will exhibit a more compact growth habit. Plants may have smaller, darker looking foliage and can be less susceptible to stress such as drought, temperature, and diseases including leaf spots and powdery mildew.

Timing of initial shoot growth reduction varies by species, season and growing conditions, but a response typically is noticed within 1 to 4 weeks and will last 2 to 4 months. Length of control is influenced by application timing, amount of pruning performed, soil type, growing conditions and species of plant. Additional cultural practices, such as fertilizing and irrigation may influence the response time and level of growth reduction.

Avoid pruning following application, as this will remove the product from the terminal shoots of the treated plant. However, certain species may require light pruning during the treatment period to remove plant material that does not appear to be regulated (escapes) to maintain the desired shape and form.

### **RESTRICTIONS AND PRECAUTIONS**

#### Restrictions:

- Do not apply this product through any type of irrigation equipment.
- Do not treat sugar maple trees or any other trees that are or could be tapped for sugar within one year of application.
- Do not treat nut or fruit trees that will be harvested within one year of application.
- Do not use on areas to be cultivated for food or food crops within two years of treatment
- Do not apply more than 11 qts per acre per application (2 lbs. paclobutrazol ai/A, 0.25 lbs. ethephon ai/A).
- Do not apply more than 11 qts per acre per year (2 lbs. paclobutrazol ai/A, 0.25 lbs. ethephon ai/A).
- Do not treat plants more than 4 times per year.
- Do not apply by air or with a ground boom sprayer.
- Do not treat flowering dogwood.
- Do not use spray equipment that has been previously used for herbicide applications.
- Do not use in a nursery, greenhouse, or in production of ornamental plants for sale.

#### Precautions:

- Take precaution when treating around sidewalks, driveways, buildings, decks, fences, vehicles, or other structural surfaces as staining may occur. Wash immediately with water if product comes into contact with these surfaces.
- Take extra precaution to minimize application to non-target plants, including turfgrass, as undesirable growth regulation may occur.

- Apply Trimtect 3.0 spray solution within 24 hours after mixing. DO NOT save unused diluted spray solutions as they will not be as effective as fresh solutions.

In outdoor commercial ornamental uses, follow foliar applications of Trimtect 3.0 by irrigation within 24 hours to remove product from foliage and limit surface movement. If overhead irrigation is not available, time applications to allow Trimtect 3.0 to dry on the treated surface prior to a rain event.

To limit unwanted surface runoff in outdoor ornamental uses, do not apply when growth media is saturated.

**Tank Mix:** When tank mixing with other materials, conduct a compatibility test (jar test) using relative proportions of tank mix ingredients prior to mixing ingredients in application equipment. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture

**Note:** the active ingredients in Trimtect 3.0 have been shown to provide growth regulation on a wide range of plant species without causing phytotoxicity. Before using Trimtect 3.0 to control growth on plants that are not listed, test Trimtect 3.0 on a small scale basis and evaluate for phytotoxicity and growth control prior to widespread use.

## **Application Instructions**

### **PRUNING REDUCTION AND TO MAINTAIN COMPACT GROWTH**

Applications can be made throughout the growing season. To minimize regrowth after pruning, make applications no more than 2 weeks following pruning. NOTE: Pruning after applications have been made will remove the product from the plant and can decrease the amount of growth reduction.

See Table 1 for rates. Shake container thoroughly before use. Mix solution as follows: Fill the mixing tank or spray tank with half of the required spray amount of water. Add the labeled amount of Trimtect 3.0. Add the remaining amount of water to achieve desired spray solution volume then add a non-ionic surfactant. Maintain agitation in spray tank to ensure uniform distribution within spray solution.

**IMPORTANT:** Always read and follow the manufacturer's surfactant label recommendations for best results. Carefully observe all cautionary statements and other information appearing on the surfactant label.



Spray solution until material begins to drip from all plant surfaces. Ensure that the foliage, canopy and all inner stems are thoroughly covered.

Certain species respond more or less to Trimtect 3.0. In addition, efficacy may vary depending on weather conditions, geographic conditions, and other biological factors, applicators should treat a small-scale number of plants prior to determining specific application rates for different species under actual use conditions. Use the higher rates listed in Table 1 when treating subtropical plants and plants growing in locations with longer growing seasons. Wait at least 8 weeks before retreating.

**Table 1: Foliar Spray: Shrub Species and Rates for Vegetative Growth Control**

Plant	Scientific Name	Rate (fl. oz.) per gallon of spray solution*
Abelia	<i>Abelia x grandiflora</i>	3.0 – 4.5
Arboricola	<i>Shefflera arboricola</i>	4.5 – 6.5
Clusia/Pitch apple	<i>Clusia rosea</i>	4.5 – 6.5
Cocoplum	<i>Chrysobalanus icaco</i>	4.5 – 6.5
Elaeagnus	<i>Elaeagnus pungens</i>	4.5 – 6.5
Euonymus – Burning bush	<i>Euonymus alatus</i>	3.0 – 4.5
	<i>Euonymus kiautschovicus</i>	
Euonymus – Manhattan	'Manhattan'	4.5 – 6.5
Ficus	<i>Ficus spp.</i>	4.5 – 6.5
Holly	<i>Ilex spp.</i>	4.5 – 6.5
Indian Hawthorne	<i>Raphiolepis indica</i>	4.5 – 6.5
Laurel	<i>Prunus spp.</i>	4.5 – 6.5
Oleander	<i>Nerium spp.</i>	4.5 – 6.5
Photinia	<i>Photinia fraseri</i>	4.5 – 6.5
Podocarpus	<i>Podocarpus spp.</i>	4.5 – 6.5
Privet	<i>Ligustrum spp.</i>	3.0 – 6.5
Schefflera	<i>Shefflera arboricola</i>	4.5 – 6.5
Sea Grape	<i>Coccoloba uvifera</i>	4.5 – 6.5
Viburnum	<i>Viburnum spp.</i>	4.5 – 6.5
Xylosma	<i>Xylosma congestum</i>	3.0 – 6.5

\* Do not apply more than 11 qts of Trimtect 3.0 per acre per application or more than 11 quarts annually per acre (2 lbs. paclobutrazol ai/A, 0.25 lbs. ethephon ai/A). Do not treat plants more than 4 times per year.

Rate (fl. Oz.)	Lbs Paclobutrazol	Lbs. Ethephon
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3.0	0.017	0.0021
4.5	0.025	0.0032
6.5	0.037	0.0046

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Keep container closed when not in use. Store in original container only. Do not store near food or feed. Keep in a cool, dry place inaccessible to children or animals, preferably in a locked storage area. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse (or equivalent) promptly after emptying. Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or incineration, or 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 procedure two more times.

(non-refillable >5 gallons) Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. 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 about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**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.

Follow the Directions for Use carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Plant injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or plant 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. To the extent consistent with applicable law, 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. RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and of Liability, which may not be modified except by written agreement signed by a duly authorized representative of RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS.

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Patent Pending  
The RAINBOW logo is a trademark of RAINBOW Treecare Scientific Advancements.

## **OPTIONAL MARKETING CLAIMS**

Reduce [trimming,] [pruning,] [cutting,] [spraying,] [chemical,] [labor,] [equipment] and [other] [maintenance] costs.

Wide treatment window

Improves profitability\*

\*by reducing [pruning] [, shearing][, removal] costs

Reduce risk by reducing the use of power sheers [and ladders].

Improves productivity by reducing time spent trimming, raking, and disposal.

Saves time and money.

Holds the growth of plants

Reduces growth.

Reduces biomass [and biomass removal].

Extends [trimming] [pruning] cycle time.

Increase(s) pruning efficiency.

Enhances plant appearance.

RTSA Plant Growth Regulator.

Prune less

Darker, greener leaves. [A decrease in gibberellic acid production leads to an increase in chlorophyll production].

Helps reduce landscape maintenance costs

Plants have tighter more compact look

Arborceutical Solutions