



**SPECIAL LOCAL NEED FIFRA  
SECTION 24(C) LABEL  
Tre-Hold SPROUT INHIBITOR for Use  
on Christmas Trees**

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON  
THIS LABEL IS VALID UNTIL DECEMBER 31, 2023 OR UNTIL OTHERWISE AMENDED,  
WITHDRAWN, CANCELED OR SUSPENDED.

**EPA Reg. No. 5481-460**

**EPA SLN No. OR-070005**

*As with any crop-protection product, always read and follow label directions.*

**Tre-hold® SPROUT INHIBITOR**

<b>ACTIVE INGREDIENTS:</b> Ethyl 1-Naphthaleneacetate.....	<b>1.15%</b>
<b>INERT INGREDIENTS:</b> .....	<b>98.85%</b>
<b>TOTAL</b>	<b>100.00%</b>

**CAUTION**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or inhaled. Causes eye and skin irritation. Avoid contact with eyes, skin or clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

**DIRECTIONS FOR USE**

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

**IMPORTANT!** Read the entire Directions for Use and the Conditions of Sale and Limitation of Warranty before using this product.

Follow all applicable directions, restrictions, and precautions on the main EPA-registered label and this Section 24(c) label. This label must be in possession of the user at the time of pesticide application. Observe all use rates and recommendations.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 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) and restricted-entry interval. These requirements only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

## **IMPORTANT PRECAUTIONS AND SPECIAL CONDITIONS FOR USING TRE-HOLD® Sprout Inhibitor ON CHRISTMAS TREES**

The response of commercial Christmas trees to a Tre-Hold Sprout Inhibitor application may vary from location to location, and year to year. Experience on a small scale will help a grower determine a rate range best suited for the intended results. The grower needs to take into consideration species, prevailing and anticipated climatic conditions, location, tree vigor, and other factors before choosing the desired rate and timing of application. Apply Tre-Hold Sprout Inhibitor to only to areas of the tree targeted for growth suppression. Avoid non-target applications.

Tre-Hold Sprout Inhibitor is an auxin-based plant hormone and the response of trees to an application of this product can vary greatly, under any condition. Phytotoxicity can occur at any rate, including a rate lower than the recommended range. Permanent, irreversible damage, including needle yellowing, branch stunting, leader twisting, and leader death is possible with the use of this product. PLEASE READ AND UNDERSTAND THESE SPECIAL CONDITIONS OF USE PRIOR TO USING THIS PRODUCT! Amvac Chemical Corporation makes Tre-Hold Sprout Inhibitor available for the use in the manner described in this Section 24c labeling on the basis that, in the sole opinion of the user, the potential benefits or utility derived from the use of Tre-Hold Sprout Inhibitor outweigh the potential risk of injury or loss. If these Special Conditions of Use are not acceptable, the unopened product may be returned to the seller for refund. These Special Conditions of Use are specified by Amvac Chemical Corporation and not the US EPA or the State of Oregon. AMVAC Chemical Corporation does not assume any risk or liability for Tre-Hold Sprout Inhibitor used in the manner as described in this label.

### **USE DIRECTIONS**

Since intended results may vary greatly, it is the sole responsibility of the grower to determine the rate range best suited for the growth reduction desired. Therefore, the following is meant only as a guide; however, do not exceed using 4.5 ounces/quart of water.

For Christmas tree species such as:

**Noble Fir:** Mix 2.0 to 4.5 ounces of Tre-Hold Sprout Inhibitor in one quart of water.

**Nordmann Fir:** Mix 0.5 to 3 ounces of Tre-Hold Sprout Inhibitor in one quart of water.

**Addition of surfactants:** For improving uptake, add up to 0.5% (approximately 5 ml/quart) of a non-ionic surfactant such as WA 100 Plus®, First Choice® Oranj-All®, and First Choice MSO®. Note that the addition of any surfactant at any concentration may increase the chance of phytotoxicity and should be tested thoroughly prior to large scale use.

**Application instructions:** One quart of Tre-Hold Sprout Inhibitor mixture will treat approximately 1,000 to 1,500 trees. Apply lightly with a brush, "Easy Roller" applicator, or any other device that ensures adequate, uniform coverage, and that minimizes drip, drift or off-target applications.

### **Treatment Timing and Methods:**

- Treat only current season leaders in active growth. Leader length at the time of application should be approximately 2-6 inches. Treating leaders greater than the recommended length can result in excessive twisting and also lead to other potential risks such as awkward tree architecture.
- Trees best suited for a Tre-Hold Sprout Inhibitor application generally range from 3 to 5 feet in height with previously uncut leaders.
- Stunting of non-target branches or buds may occur with improper methods of application or dripping.
- Temperatures should range from 55-80 degrees F at the time of application, with no predicted rain for at least 2 hours after application.

### **PRODUCT RESTRICTIONS AND USE PRECAUTIONS:**

- Use of this product can lead to results ranging from no effect to permanent, irreversible damage to any or all areas of the tree, including non-target trees which were accidentally treated.
- It is suggested to consult your local university Extension agent or Amvac Chemical sales representative prior to using this product.
- Always perform a tank-mix compatibility test when any other product is mixed with Tre-Hold Sprout Inhibitor.
- Always test on a small area prior to using this product on a large scale.

24(c) Registrant:

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