

5481-452

6/22/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mrs Kaila Moran  
Amvac Chemical Corporation  
4695 MacArthur Court Suite 1250  
Newport Beach CA 92660

**NOTIFICATION**  
**JUN 22 2012**

Subject            Product Name Tre Hold RTU Sprout Inhibitor  
                      EPA Reg No 5481 452  
                      Submission date 5/30/12  
                      Resubmission date 6/20/12  
                      Notification per PRN 2007 4 Update storage and disposal  
                      Decision Number 465977

Dear Registrant

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007 4 The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007 4 and finds that the action(s) requested falls within the scope of PRN 2007 4 The label submitted with the application has been stamped Notification and will be placed in our records

If you have questions concerning this letter please call Banza Djapao at 703 305 7269 or via email at [djapao\\_banza@epa.gov](mailto:djapao_banza@epa.gov) or you may call me at 703 308 9443

Sincerely

A handwritten signature in black ink that reads "Banza Djapao".

Tony Kish  
Product Manager 22  
Fungicide Branch  
Registration Division (7504P)

<b>United States Environmental Protection Agency Washington DC 20460</b>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide Section I**

<b>1 Company/Product Number</b> 5481 452	<b>2 EPA Product Manager</b> Tony Kish	<b>3 Proposed Classification</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4 Company/Product (Name)</b> Tre Hold RTU Sprout Inhibitor	<b>PM#</b> 22	
<b>5 Name and Address of Applicant (Include Zip Code)</b> Amvac Chemical Corporation 4695 MacArthur Court Suite 1250 Newport Beach CA 92660  <input type="checkbox"/> Check if this is a new address		<b>6 Expedited Review</b> In accordance with FIFRA Section 3(c)(3)(b)(i) my product is similar or identical in composition and labeling to  <b>EPA Reg No</b> _____ <b>NOTIFICATION</b>  <b>Product Name</b> _____

**Section II**

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Me Too Application
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below

**Explanation** Use additional page(s) if necessary (For Section I and Section II )  
 Notification of label change per PR Notice 2007 4 This notification is consistent with the guidance in PR Notice 2007 4 and the requirements of EPA's regulations at 40 CFR §§ 156 10 156 140 156 144 156 146 and 156 156 No other changes have been made to the labeling or the Confidential Statement of Formula for this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156 10 156 140 156 144 156 146 and 156 156 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

**Section III**

<b>1 Material This Product Will Be Packaged In</b>			
<b>Child Resistant Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No  If Yes Unit Packaging wt	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No  If Yes Package wt	<b>2 Type of Container</b> <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
<b>3 Location of Net Contents Information</b> <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		<b>4 Size(s) Retail Container</b> 1 gallon 55 gallon	<b>5 Location of Label Directions</b> <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
<b>6 Manner in Which Label is Affixed to Product</b> <input type="checkbox"/> Lithographed <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Other _____			

**Section - IV**

<b>1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application )</b>		
<b>Name</b> Kaila Moran	<b>Title</b> Regulatory Consultant	<b>Telephone No (Include Area Code)</b> 562 607 2146
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment of both under applicable law		<b>8 Date Application Received (Stamped)</b>
<b>2 Signature</b> 	<b>3 Title</b> Regulatory Consultant	
<b>4 Typed Name</b> Kaila Moran	<b>5 Date</b> 30 June 2012	



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May 30 2012

Ms Jeanne Kasai  
Document Processing Desk  
Office of Pesticide Programs (Notif)  
U S Environmental Protection Agency  
One Potomac Yard  
2777 S Crystal Drive  
Arlington VA 22202

**Subject Notification of Storage and Disposal Language Per PR Notice 2007 4**

Alco Olive Stop (EPA Reg No 5481 066)  
Fruit Fix Concentrate 200 (EPA Reg No 5481 129)  
Fruit Fix Concentrate 800 (EPA Reg No 5481 130)  
Tre Hold RTU Sprout Inhibitor (EPA Reg No 5481 452)  
Tre Hold Sprout Inhibitor (EPA Reg No 5481 460)

Dear Jeanne

In accordance with PR Notice 2007 4 please find the above listed products enclosed These NAA products have been revised to comply with the Pesticide Management and Disposal Standards for Pesticide Containers and Containment Order

In support of this request enclosed please find the following

- Application for each Pesticide Registration (EPA Form 8570 1)
- ~~Three~~ <sup>two</sup> copies of each label (Ref No 066 20120530r4 129 20120530r4 130 20120530r3 452 20120530r4 460 20120530r4)

It is my understanding that this satisfies the requirements of the Agency s PR Notice and will require no further action If you have any questions or require additional information please do not hesitate to contact me at 562 607 2146 or email kailam@amvac chemical com Thank you for your attention to this matter

Best regards

Kaila Moran  
Regulatory Consultant

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# Tre-Hold® RTU Sprout Inhibitor

## Ready-to-Use Formulation

**Controls Sprouts and Sucker Growth on Apples, Olives, Pears, Non Bearing Citrus and Nectarines, and Ornamental Woody Plants For Commercial/Ag Use Not Residential Use**

### ACTIVE INGREDIENT

Ethyl 1 Naphthaleneacetate 1 15%

**INERT INGREDIENTS** 98 85%

**TOTAL** 100 00%

**KEEP OUT OF REACH OF CHILDREN** **NOTIFICATION**  
**CAUTION** JUN 22 2012

FIRST AID	
<b>If on skin or clothing</b>	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
<b>If inhaled</b>	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 a poison control center or doctor for further treatment advice
<b>If in eyes</b>	Hold eye open and rinse slowly and gently with water for 15 to 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
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor or going for treatment FOR THE FOLLOWING EMERGENCIES PHONE 24 HOURS A DAY	
Transportation CHEMTREC	1 800 424 9300
Other AMVAC	1 323 264 3910

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

EPA Reg No 5481 452  
EPA Est No 5481 CA 01

Net Weight  
As Marked on Container



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

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

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear

- Long sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks
- 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**

Do not contaminate water when disposing of equipment washwaters Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame

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**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 requirements specific to your State or Tribe consult the agency responsible for pesticide regulation Do not apply Tre Hold® RTU Sprout Inhibitor through any type of irrigation system

Proper pruning of young non bearing trees promotes the growth and development of strong well spaced branches that can support more larger sized fruit resist wind and ice damage improve spray penetration for better insect and disease control and improve light penetration for better fruit set size and color Non bearing citrus and nectarine trees sprout vigorously from the root stock and from pruning cuts made on hard wood branches Tre Hold® RTU Sprout Inhibitor controls sprouting from pruning cuts trunks and root stocks Tre Hold® RTU Sprout Inhibitor is a ready to use product For non bearing nectarines dilute 1 part to 3 parts water (see dilution chart) and thoroughly treat cut surfaces immediately after pruning to obtain maximum sprout inhibition Do not allow Tre Hold® RTU Sprout Inhibitor to contact buds or foliage as injury may result Mix thoroughly before using

### 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

### NON AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product NOT in the scope of the Worker Protection Standard for agricultural pesticides, 40 CFR part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children, pets, and other unprotected persons out of treated areas until sprays have dried.

#### FOR USE ON APPLES AND PEARS

Do not apply Tre Hold® RTU Sprout Inhibitor to trees less than one year old as injury and stand loss will occur. Do not treat any tree that is not vigorous, healthy, and free from stress.

#### New Plantings

Apple and pear trees, healthy, vigorous, and free from stress, may be treated after planting in the grove when the trees show established growth. Remove sprouts and follow the application procedures described below. Do not apply to non-established or stressed trees as injury and stand loss will result.

#### Established Plantings— Scaffold Limbs

Prune existing sprouts and treat during the dormant season. Thoroughly cover area where existing sprouts were removed, but restrict treatment to the cut surfaces and 2 to 3 inches of the surrounding area. Apply Tre Hold® RTU Sprout Inhibitor with a brush or small hand-held pump-up type sprayer. Use low pressure (not to exceed 25 psi) to avoid fine spray particles from drifting or splashing on surrounding fruiting wood or buds.



Do not treat scaffold limbs after bud activity starts in the Spring. There has been some fruit size reduction on Golden Delicious and Anjou pears from excessive treatments to scaffold limbs on older, weaker trees. To minimize the chance of injury, limit treated areas to 10 percent of the total bark area of the tree. Do not treat weak trees, and do not repeat applications on the same tree for at least one year.

#### Trunk and Basal Sprouts and Root Suckers

Prune existing sprouts and apply Tre Hold® RTU Sprout Inhibitor during the dormant season prior to green tip stage or during the Summer pruning season when the new shoots are 6 to 12 inches in height. The later applications have been the most effective. On bearing trees, do not treat suckers during bud swell, bloom, or fruit set. This period is from the start of growth to 4 weeks after petal fall. Application during this time can result in excessive thinning.

Apply Tre Hold® RTU Sprout Inhibitor with a brush, small hand-held sprayer, or back-pack sprayer. For large projects, power-operated low pressure spray equipment with attached hand gun or trunk directed nozzle can be used. Maintain low spray pressure (not to exceed 25 psi) to avoid spray drift of fine spray particles.

**Pruning Cuts on Large Lateral or Upright Limbs**

To control sprouts in the vicinity of pruning cuts paint the Tre Hold® RTU Sprout Inhibitor on the bark in the immediate vicinity of the cut Treat several inches of bark around the cut Apply with a brush small hand held sprayer or back pack sprayer Do not allow the mixture to splash or drip onto other parts of the tree Treat only in the dormant season prior to bud activity Spray application is not recommended due to the possibility of spray contacting fruit buds

**OLIVES**

**Trunk Basal Sprouts and Root Suckers**

(Do not treat scaffold branches or pruning cuts on olive trees ) Prune off existing sprouts or suckers and allow new sprouts to regrow Treat with Tre Hold® RTU Sprout Inhibitor when sprouts are not more than 10 inches tall Apply with a brush small hand held sprayer or back pack sprayer Tre Hold® RTU Sprout Inhibitor will control new sprout growth of olives but will not control old woody sprouts Do not treat during olive bloom or fruit set Limit treated areas to 10% of the plant s total bark surface

**ORNAMENTAL WOODY PLANTS**

**Controls Regrowth of Tree Sprouts Following Proper Pruning**

Tre Hold® RTU Sprout Inhibitor prevents and inhibits vegetative growth in woody plants After proper pruning allow new sprouts to regrow and apply Tre Hold® RTU Sprout Inhibitor with a brush a small hand held sprayer or back pack sprayer when sprouts are no more than 10 inches tall It is effective on many ornamental flowering and shade trees such as

American Elm	Crabapples	Red Maple	Sycamore
Carob	Crepe Myrtle	River Birch	Water Oak
Chinese Elm	Flowering Plum	Silver Maple	Wax Myrtle
Coast Redwood	Pyracanthas	Sugar Maple	Willow spp (Black Marsh)

For most effective control of resprouts prune to a lateral branch (drop crotch pruning) and apply Tre Hold® RTU Sprout Inhibitor after resprout growth has begun Do not leave stubs and avoid severe trimming Treatment of all cuts is important

**NON BEARING CITRUS**

Use the product as supplied (undiluted) and follow the procedures described below for treating sprouts on scaffold limbs trunks and rootstocks

**NON BEARING NECTARINES**

For non bearing nectarines first dilute the product to 1/4 the standard rate as shown in the following examples and follow the procedures described below for treating sprouts on scaffold limbs trunks and rootstocks

PRODUCT DILUTION FOR NON BEARING NECTARINES		
Amount of Tre Hold® RTU Sprout Inhibitor	Amount of Water	Total Volume
1 Quart	3 Quarts	1 Gallon
1 Gallon	3 Gallons	4 Gallons

This product is not for use on non bearing nectarines in California

**APPLICATION TO NON BEARING CITRUS**

**Sprouting from Scaffold Limbs**

Remove unwanted sprouts and thoroughly coat cut surfaces and surrounding bark

**Sprouting from Trunk**

Remove trunk suckers and water sprouts and apply Tre Hold® RTU Sprout Inhibitor to the entire trunk from ground line to scaffold limbs

**Rootstock**

Non bearing citrus rootstock which is healthy vigorous and free from stress may be treated After planting apply Tre Hold® RTU Sprout Inhibitor from the ground line to the first scaffold branches Do not allow the product to puddle at the base of the trees as injury and stand loss may occur Do not apply to rootstock if the bud union has not callused In temperate zones where freezing may injure scaffold branches restrict treatment to the frost free period to allow for a short period of growth between treatment and damaging freeze

**STORAGE AND DISPOSAL**

Do not contaminate water food or feed by storage or disposal

**PESTICIDE STORAGE** Do not store near fertilizers seeds insecticides or fungicides

**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** Nonrefillable container Do not reuse or refill this container Offer for recycling if available

Non refillable container equal or less than 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 / 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

Non refillable container greater than 5 gallons Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container / 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

**LIMITED WARRANTY AND DISCLAIMER**

The manufacturer warrants (a) that this product conforms to the chemical description on the label (b) that this product is reasonably fit for the purposes set forth in the directions for use subject to the inherent risks referred to herein when it is used in accordance with such directions and (c) that the directions warnings and other statements on this label are based upon responsible experts evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and to plants and residues on food crops and upon reports of field experience Tests have not been made on all varieties of food crops and plants or in all states or under all conditions

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Tre Hold® is a registered trademark of Amvac Chemical Corporation

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