

Reg # 275-57

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

FEB 23 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Susan L. Kendzior  
ABBOTT LABORATORIES  
CHEMICAL AND AGRICULTURAL PRODUCTS DIV.  
1401 Sheridan Road  
North Chicago, IL 60064

Subject: Label Amendment Submission of 09/15/93 in Response to PR Notice 93-7  
EPA Reg. No. 275-57  
PRO-SHEAR

**IMPORTANT NOTICE:** This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**SERIOUS ERROR(S) ON SUBMITTED LABELING:**

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

**YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING.** Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

**YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.**



Recycled/Recyclable  
Printed with Soy/Cane Ink on paper that  
contains at least 50% recycled fiber

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Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director  
Compliance Division, (7203)  
Worker Protection Notification  
Office of Compliance Monitoring  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

**IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.**

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling as amended

**AND**

- **WITHIN** one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

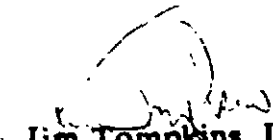
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Hand or courier deliveries of final labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,

  
Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

cc: Office of Compliance Monitoring

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Susan L Kendzior  
ABBOTT LABORATORIES  
CHEMICAL AND AGRICULTURAL PRODUCTS DIV  
1401 SHERIDAN RD  
NORTH CHICAGO IL 60064

Comment for: EPA Reg Nr.275-57  
PRO-SHEAR

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

The requirement under the heading "Personal Protective Equipment" must state: "Applicators and other handlers must wear:". Cross out your lead-in statement and replace it with correct one. EXCEPTION: If you have an entirely separate PPE section specifying what "Mixers and loaders must wear", the requirement under the heading "Personal Protective Equipment" must state: "Applicators and other handlers (other than mixers and loaders) must wear:". Cross out your lead-in statement and replace it with the correct one.

Correct the typographical errors circled on your proposed label.

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**PROSHEAR®**  
**SOLUTION**

Active Ingredient  
N-[Phenylmethyl]-1H-purine-6-amine.....2.0% w/w  
Inert Ingredients.....98.0% w/w

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

**AVISO**

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).

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush skin and eyes with plenty of water and call a physician.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

FEB 23 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
275-57

Chemical and Agricultural Products Division  
Abbott Laboratories  
North Chicago, IL 60064

EPA Reg. No. 275-57  
EPA Est. No. 44616-MO-1

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)**

**WARNING**

**AVISO**

Causes eye irritation. Do not get in eyes. Harmful if swallowed.

**Personal Protective Equipment:**

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

*delete*

Applicators and other handlers (~~other than mixers and loaders~~) must wear:

- Long-sleeved shirt and long pants.
- Chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber or neoprene rubber or PVC or viton.
- 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, 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.

**ENVIRONMENTAL HAZARDS**

Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

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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 spray 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.

### 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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow 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, such as barrier laminate, butyl rubber, nitrile rubber or neoprene rubber or PVC or viton.
- Shoes plus socks.



**STORAGE AND DISPOSAL**

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

**STORAGE:** Keep containers tightly closed when not in use.

**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:** Do not reuse empty containers. Triple rinsed (or equivalent), puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

**GENERAL INFORMATION**

ProShear is a plant growth regulator for use on White Pine to increase lateral bud set the year of application and branch development the year following application. Application of ProShear will result in a "fuller" or more dense tree and produce a very desirable full top due to the enhanced lateral shoot development at and below the current year's whorl. Optimal results will be obtained when ProShear is used in conjunction with normal shearing practices and other standard cultural practices.

Application of ProShear to older trees (5-9 years) should be made at least one year prior to intended harvest to allow for full phenotypic expression in top growth. Applications of ProShear to younger trees can be made annually to stimulate bud development and lateral shoot growth during the rotation period.

Do not apply this product through any type of irrigation system.

**APPLICATION RATE - White Pine**

The selection of rate is dependent on the total spray volume applied per acre and the degree of vigor of the trees. The optimal rate is in the range of 500-1000 ppm AI in the final spray solution. Highly vigorous trees will generally respond better to treatment. Based on the degree of response desired for White Pine, use one (1) to two (2) pints of ProShear per five gallons of aqueous spray solution (3.2 to 6.4 fluid ounces of ProShear per gallon of spray solution) (25-50 ml of ProShear per liter) to attain a concentration of 500 to 1000 ppm AI in the final spray solution. Add the required volume of ProShear to about one-half the final volume of water, begin stirring or agitating and add the remainder of the water to the final volume. It is not necessary to add a wetting agent to the spray solution. The spray solution should be stirred or agitated prior to application. Do not store spray solutions more than 24 hours

**METHOD OF APPLICATION**

Uniformly apply the spray mixture as a fine spray. Best results have been achieved using a pressurized hand sprayer equipped with a fine nozzle orifice, such as an 8001-8002 flat fan or D2-12 or D2-25 hollow cone nozzle operating at approximately 30 pse. The nozzle should be directed to thoroughly wet the new terminal leader growth. Approximately 3-5 gallons of spray mixture will treat an acre of trees (10-30 ml/leader) planted on a spacing 6 feet by 6 feet (1210 trees/acre). Larger trees and/or closer tree spacing may require greater spray volumes. The 10-30 ml/tree is an average spray volume for White Pine trees set 3-6 years in the field.

**TIME OF APPLICATION**

A single annual application of ProShear can be made from 14 days before to 14 days following shearing of White Pine. Best results have been obtained with sprays applied from 1-14 days after shearing. This period generally occurs from mid-June to mid-July for most North American growing acres. Do not apply to White Pine more than 21 days before or more than 21 days after shearing.

**OTHER APPLICATION CONSIDERATIONS**

- 1 High relative humidity and slow drying conditions favor the maximum absorption of ProShear. Conditions favoring the rapid drying of the spray deposit should be avoided.
2. Rainfall within six hours after spraying may reduce the activity of ProShear and if this occurs trees should be retreated.
3. Do not apply ProShear when air temperatures are lower than 40°F (5°C) or greater than 100°F (38°C).
4. Do not apply ProShear on any low vigor trees or trees under stress from drought, low fertility, winter injury, etc.

**NOTICE TO USER**

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

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