

DRAFT CONTAINER LABEL

1024  
1m25  
275-57

Left Panel

List No. \_\_\_\_\_

PRO-SHEAR<sup>TM</sup>  
Liquid Concentrate  
Biorational Plant Growth Regulator

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

Causes eye irritation. Do not get in eyes.  
Harmful if swallowed. In case of contact,  
flush eyes with plenty of water and call  
a physician.

DIRECTION FOR USE:

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

EPA Reg. No. 275-57

EPA Est. No. 275-IL-7

Net Contents: One (1) Pint (16 fluid ounces, 473 ml)

(Abbott  
logo) Chemical and Agricultural  
Products Division  
Abbott Laboratories  
North Chicago, IL 60064 USA

Right Panel

ENVIRONMENTAL HAZARDS

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

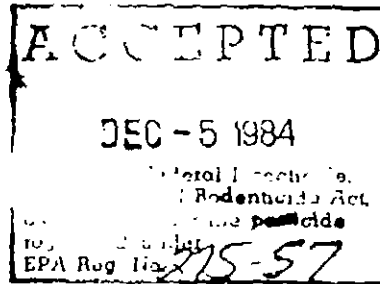
STORAGE AND DISPOSAL

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

Storage - Keep bottle tightly closed.

Pesticide Disposal - Wastes resulting from use  
of this product may be disposed of on site  
or at an approved waste disposal facility.

Container Disposal - Triple rinse (or equivalent).  
Then 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. Do not reuse empty  
container.



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Abbott Laboratories  
275-IL  
August 30, 1984

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DRAFT INSERT

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Liquid Concentrate  
Biorational Plant Growth Regulator

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WARNING

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DIRECTIONS FOR USE

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STORAGE AND DISPOSAL

See Container label.

EPA Registration No. 275-57

EPA Est. No. 275-IL-1

PRO-SHEAR™ 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 PRO-SHEAR 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 whorls. Optimal results will be obtained when PRO-SHEAR is used in conjunction with normal shearing practices and other standard cultural practices.

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Application of PRO-SHEAR 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 PRO-SHEAR to younger trees can be made annually to stimulate bud development and lateral shoot growth during the rotation period.

APPLICATION RATE - White Pine

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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 Active Ingredient 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 PRO-SHEAR per five gallons of aqueous spray solution (3.2 to 6.4 fluid ounces of PRO-SHEAR per gallon of spray solution) (25-50 ml of PRO-SHEAR per liter) to attain a concentration of 500 to 1000 ppm Active Ingredient in the final spray solution. Add the required volume of PRO-SHEAR 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.

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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 to D2-25 hollow cone nozzle operating at approximately 30 psi. The nozzle should be directed to thoroughly wet the new terminal leader growth. Approximately 3-8 gallons of spray mixture will treat an acre of trees (10-30 ml/leader) planted on a spacing 6 ft x 6 ft (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.

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TIME OF APPLICATION

A single annual application of PRO-SHEAR 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 areas. Do not apply to white pine more than 21 days before or more than 21 days after shearing.

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OTHER APPLICATION CONSIDERATIONS

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