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pro-shear
GROWTH REGULATOR

ACCEPTED
DEC 1 0 1987
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticides registered under EPA Reg. No. 275-57

**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, immediately flush eyes with plenty of water and call a physician.

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 through any type of irrigation system.

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

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

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 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 AI 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.

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 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.

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.

Lot 2

Final Printed Label
November 17, 1987

ACCEPTED
DEC 1 0 1987
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the Pesticide
registered under
EPA Reg. No. 275-57

List No. 5828

**PRECAUTIONARY
STATEMENTS**

**HAZARDS TO HUMANS
(AND DOMESTIC ANIMALS)**

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.

ENVIRONMENTAL HAZARDS

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

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.

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

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GROWTH REGULATOR

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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

EPA Reg No 275-57
EPA Est No 52889-IL 01
Net Contents: One (1) Pint (16 fluid ounces, 473 ml)

 Chemical and Agricultural
Products Division
Abbott Laboratories
North Chicago, Illinois 60064, U.S.A.

**STORAGE
AND DISPOSAL**

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

STORAGE: Keep containers tightly closed.

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 rinse (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.

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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Lot No