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PERLAN™

PLANT GROWTH REGULATOR SOLUTION

Improves the shape of Red Delicious apples by increasing the development of calyx lobes and elongating the fruit

COMMERCIAL

GUARANTEE: gibberellins A₄ + A₇.....1.8%
6-benzylaminopurine.....1.8%

REGISTRATION NO. 29187 PEST CONTROL PRODUCTS ACT

**KEEP OUT OF REACH OF CHILDREN
READ THE LABEL AND ATTACHED BROCHURE BEFORE USING**

**FINE AGROCHEMICALS LIMITED
Hill End House, Whittington
Worcester WR5 2RQ
United Kingdom**

**Distributed by:
N. M. Bartlett Inc.
4509 Bartlett Road,
Beamsville,
Ontario,
LOR 1B1
905-563-8261**

Net Contents: 2 Litres

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before re-use.

Wear long pants, a long-sleeved shirt, shoes plus socks, chemical-resistant gloves and goggles or a face shield during mixing, loading, application, clean-up, and repair activities.

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Do not re-enter or allow re-entry into treated areas until 12 hours after application.

Do not contaminate feed or food.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact www.croplife.ca.

FIRST AID

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN/CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF INHALED: 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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention. □ □

TOXICOLOGICAL INFORMATION

Treat symptomatically.

STORAGE

Avoid contamination of seed, feed and foodstuffs.

DISPOSAL

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking to the collection site: Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Make the empty container unsuitable for further use.

If there is no collection site in your area, dispose of the container in accordance with provincial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer and the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

ENVIRONMENTAL HAZARDS

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

As this pesticide is not registered for the control of pests in aquatic ecosystems, DO NOT use to control aquatic pests. DO NOT contaminate aquatic habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, or wetlands) and estuarine/marine habitats when cleaning and rinsing spray equipment or containers.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use a control product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

GENERAL INFORMATION

PERLAN is a plant growth regulator solution for use on Red Delicious apples. PERLAN Plant Growth Regulator Solution improves the shape ('typiness') of Red Delicious apples by increasing the development of calyx lobes and elongating the fruit. Individual fruit weight may be increased.

Some thinning may occur when PERLAN is applied at the higher rate.

DIRECTIONS FOR USE

Do not apply by air.

PERLAN Plant Growth Regulator Solution should be applied using conventional spray application equipment.

Airblast application:

Do not direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. Do not apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side. DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty.

Application Rate:

Use 1.2 to 2.3 litres of PERLAN Plant Growth Regulator Solution between 40 and 80% king bloom and early petal fall in 500 to 2000 litres of water per hectare. In those areas where prolonged bloom occurs, sequential applications should be made at 5 to 7 day intervals. Do not apply more than a total of 2.4 litres per hectare of PERLAN Plant Growth Regulator Solution per season.

Apply all sprays as a fine mist to ensure maximum coverage and spray retention on flowers and foliage.

Do not apply in water volumes greater than 2000 litres per hectare. Spray volume should be adjusted to tree size and density. This is equivalent to a sprayer nozzled for a standard 5m tree height on a 6m by 6m spacing. Direct 85% of spray to the upper 2/3rds of the trees.

High relative humidity and conditions conducive of slow drying favor maximum absorption of PERLAN Plant Growth Regulator Solution. Application in morning or evening may be preferable. Conditions favouring rapid drying of spray deposits should be avoided. Do not apply if air temperature is less than 5°C or greater than 32°C.

Efficacy of PERLAN Plant Growth Regulator Solution may be reduced if rain occurs within 6 hours after application.

Observe a minimum interval to harvest of 28 days after treatment.

MIXING INSTRUCTIONS:

Add the required amount of PERLAN to a spray tank about half-filled with water. Agitate while bringing the total volume of water to the required level. New solutions should be mixed only in a clean, empty spray tank and used within 24 hours.

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