

Container base label

PERLAN[®]

PLANT GROWTH REGULATOR SOLUTION

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

COMMERCIAL

ACTIVE INGREDIENT: 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 BOOKLET BEFORE USING**

Manufactured by:
FINE AGROCHEMICALS LIMITED
Hill End House, Whittington
Worcester WR5 2RQ
United Kingdom
www.fine.eu

Distributed by:
N.M. Bartlett Inc.
4509 Bartlett Rd.
Beamsville, Ontario
L3J 0Z1, Canada
Tel : 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.

Refer to attached booklet for more precautions, PPE and Environmental Precautions.

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 OR 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. Call a poison control centre or doctor for further treatment advice.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

STORAGE

Store this product away from food or feed. 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:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. 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/territorial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial

2024-0040

2025-01-16

regulatory agency in case of a spill, and for clean-up of spills.

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.

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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 enter or allow worker re-entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Do not contaminate feed or food.

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ENVIRONMENTAL PRECAUTIONS

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

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

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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

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

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

Do not apply by air.

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

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **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.

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.

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Fine Agrochemicals Ltd at 888-474-3463 for information before applying any tank mix that is not specifically recommended on this label.

Fine Agrochemicals Ltd has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank-mixes under all environmental conditions or for all crop varieties. Tank mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank mix is suitable for widespread application.

Perlan® is a registered trademark of Fine Agrochemicals Limited.