USER SAFETY RECOMMENDATIONS
Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinseate. Avoid drift on to non-target plants.

PHYSICAL OR CHEMICAL HAZARDS
FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

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 drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the State/Tribal agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system.

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 the label about personal protective equipment (PPE) and restricted entry intervals. 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 worker entry into treated areas during the restricted entry interval (REI) of 4 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:
• Long-sleeved shirt and long pants (or coveralls)
• Waterproof gloves
• Shoes plus socks

PRODUCT INFORMATION
• Perlan is a plant growth regulator for use on apples, non-bearing pears, and non-bearing sweet cherries.
• Perlan improves the shape ("tyniness") of Delicious apples by increasing the development of calyx lobes and elongating the fruit.
• Perlan may increase fruit weight and yield in apples.
• Perlan can be used to increase lateral bud break on non-bearing trees.
• Perlan may cause some fruit thinning.

SPRAYING GUIDE FOR FRUIT DEVELOPMENT
When used to improve the type and size of fruit, apply Perlan in a single or split spray program.

All states except Washington
Single application
Make one application of 1-2 pints between early king bloom and early petal fall of side blossoms in 50-200 gallons of water/acre.

Washington only
Single application
Make one application of 1-2 pints between early king bloom and early petal fall of king blossoms in 50-200 gallons of water/acre.

Split applications
Make the first application of 0.5-1.5 pints between early king bloom and early petal fall of king blossoms in 50-200 gallons of water/acre. Make the second application of 0.5-1 pint 7-21 days later in 50-200 gallons of water/acre.

Split applications in areas where bloom is prolonged
Make the first application of 0.5-1 pint during the first flush of bloom in 100 gallons of water/acre. Make the second application of 0.5 pint-1 pint 5-7 days later when the rest of the tree comes into bloom in 100 gallons of water/acre.
• 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 200 gallons/acre.
• Direct 85% of the spray to the upper 2/3rds of the trees.
• Addition of a non-ionic wetting agent may improve coverage and efficacy.
• Apply in conditions conducive of slow drying.
• Do not apply if air temperature is less than 40°F or more than 90°F.
• Do not apply more than 2 pints/acre/year.
• Prepare spraying solution using clean water and apply within 24 hours.
• Apply Perlan using conventional spray application equipment or otherwise directed in this label. Perlan must not be applied using irrigation equipment.
• pH of the applied spray must not be higher than 8. Use a buffering agent if necessary.
• Efficacy of Perlan may be reduced if rain occurs within 6 hours application.

SPRAYING GUIDE FOR FEATHERING AND TREE DEVELOPMENT
Application of Perlan can be used to increase lateral bud break and shoot growth to produce a better tree framework in young trees.

Foliar application to nursery and orchard apples
Make one application of 125-500 ppm (1/4-1 pint/gallons of water) when orchard trees have 1-3 inches of new growth or nursery trees have reached the height where branching is required.

Foliar application to nursery and orchard pears or nursery sweet cherries
Make one application of 250-1000 ppm (1/2-2 pints/gallons of water) when orchard trees have 1-3 inches of new growth or nursery trees have reached the height where branching is required.
• Add a non-ionic or buffered wetting agent to the spray solution at 0.2%-0.3% of water volume.
• Apply using a hand held sprayer and ensure thorough wetting of foliage and bark.
- pH of the applied spray must not be higher than 8. Use a buffering agent if necessary.

**Latex application to nursery and orchard apples or non-bearing orchard sweet cherries**

Apply 5000 – 7500 ppm (1 1/2 – 1 1/3 pint per pint of latex paint) to one-year-old wood in the spring when terminal buds begin to swell. Apply with a brush or sponge to achieve thorough coverage of bark.

- **Do not apply after buds break.**
- Add a non-ionic or buffered wetting adjuvant to the paint solution at 0.5% - 1.0% of water volume.
- **Apply to one-year-old wood only.**

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Keep containers tightly closed when not in use. Store below 75°F.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/2 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY**

Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, FINE makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of FINE or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law: 1) FINE disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product and 2) FINE's liability under this label shall be limited to the amount of the purchase price or, at the election of FINE, the free replacement of the Product.

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**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

EPA Reg. No. 62097-6-82117

**NET CONTENTS:** 1/2 Gallon (1.89 L)

**FIRST AID**

**IF SWALLOWED:**
- Call a poison control center 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 center or doctor.**
- Do not give anything by mouth to an unconscious person.

**IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes, removing any contact lenses if present, after the first 5 minutes.
- Continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:**
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Remove and wash contaminated clothing before reuse.
- Call a poison control center or doctor for treatment advice.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION. Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category G on an EPA chemical-resistance selection chart.

- **Applicators and other handlers must wear:**
  - Long-sleeved shirt and long pants.
  - Chemical-resistant gloves.
  - Protective eyewear.
  - Socks and shoes.
- Chemical-resistant apron when cleaning equipment, mixing or loading.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If not such instructions for washable, use detergent and hot water. Keep and wash PPE away separately from other laundry.
Plant growth regulator solution for use on apples, non-bearing pears, and non-bearing sweet cherries.

Active Ingredients: Gibberellins A₄A₇ 1.6% w/w
N-(phenylmethyl)-1H-purine-6-amine 1.8% w/w
Other Ingredients: 96.4% w/w
Total: 100.0% w/w

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

EPA Reg. No. 62097-6-82917
EPA Est. No. 39578-TX-1
NET CONTENTS: 1/2 Gallon (1.89 L)

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<tr>
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Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 (National Pesticide Information Center) for emergency medical treatment information.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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 selection chart.

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
- Chemical resistant gloves
- Protective eyewear
- Socks and shoes
- Chemical-resistant apron when cleaning equipment, mixing or loading.

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE items separately from other laundry.

**fine**

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