

73049-29

01/24/2002

ACCEPTED 1/6
 JAN 24 2002
 Under the Federal Insecticides,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 73049-29

ACCEL®

PLANT GROWTH REGULATOR SOLUTION

Active Ingredients:

| | |
|--|------------|
| N-(Phenylmethyl)-1H-purine-6-amine..... | 1.80% w/w |
| Gibberellins A ₄ A ₇ | 0.18% w/w |
| Other ingredients..... | 98.02% w/w |

Total..... 100.00% w/w

A plant growth regulator for use as a thinning agent on apples.
Store below 75°F (24°C)

KEEP OUT OF REACH OF CHILDREN
WARNING
AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

EPA Reg. No. 73049-29

EPA Est. No.

Registrant:

Net Contents:

Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048

| FIRST AID | |
|---|--|
| 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 center or doctor for treatment advice. |
| If swallowed | --Call a poison control center or doctor immediately for treatment advice. --Have a person sip a glass of water if able to swallow. --Do not induce vomiting unless told to do so by the poison control center or doctor. --Do not give anything by mouth to an unconscious person. |
| HOT LINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-6-VALENT. | |

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS & DOMESTIC ANIMALS
WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield). Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Protective eyewear
- Shoes plus socks
- Waterproof gloves

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

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 gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 this label about personal protective equipment (PPE) and restricted-entry interval. 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 12 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:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

STORAGE AND DISPOSAL

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

Pesticide Storage: Store below 75°F (24°C). Keep containers tightly closed when not in use.

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 offer for recycling or reconditioning, or 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.

PRODUCT INFORMATION

Accel is a plant growth regulator intended to be used as part of a comprehensive fruit thinning program. When used according to label directions on healthy, well-managed trees and under favorable weather conditions (see General Instructions), Accel may provide one or both of the following benefits in some varieties:

1. Fruit thinning
2. Increased fruit size

GENERAL INSTRUCTIONS

- Do not apply this product through any type of irrigation system.
- When a range of rates is indicated, use the concentration and spray volume recommended locally by the Valent agricultural specialist.
- For optimum effectiveness, thorough spray coverage must be achieved. All parts of the plant or crop must receive the spray or desired results will not occur. Approximately 85% of the spray volume should be directed into the upper two-thirds of the trees.
- Applications of Accel are most effective when ambient air temperature is around 75°F. If possible, avoid spraying Accel when ambient air temperatures are below 40°F or above 90°F. For best results, apply Accel just prior to a warming trend, or when there are likely to be 2 to 3 days of temperatures above 70°F.
- Accel applications made under slow drying conditions (medium to high relative humidity, and no wind) will increase absorption by the plant, thus optimizing effectiveness.
- Published data have shown that naphthaleneacetic acid (NAA) can cause pygmy fruit development in some varieties in some areas. Please consult your local Valent agricultural specialist for recommendations before including NAA and Accel in a thinning program.
- For best results, the water pH should be near neutral (pH 7) and always below 8.5.
- Rainfall or overhead irrigation within 6 hours after spraying may reduce the activity of Accel.
- **Compatibility:** The Accel spray guidelines refer to use of the product alone. Data concerning the compatibility of Accel with other agricultural compounds, except DiPel® DF , XenTari®, or Biobit® are not available. Valent does not assume responsibility for unexpected results due to the tank mixing of Accel with other products.
- **Mixing Instructions:** Add the required amount of Accel 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. Discard any unused spray material following local, state, or federal law.

APPLICATION INSTRUCTIONS

Since many factors such as tree age, vigor, cultural practices, bloom density, and pollination, may affect fruit set and crop load, thinning programs must be based on the history of each orchard block, experience of the orchardist, and prevailing local growing conditions.

Accel can be an effective component for a comprehensive thinning program with other registered materials.

One to two applications of 18 to 53.5 fluid ounces of Accel should be made between the final stages of petal fall to 10 mm average fruit diameter (Note: this period may extend from approximately 7 to 21 days after full bloom, depending on the apple variety and local weather conditions). Apply Accel under favorable weather conditions (see note on the General Instructions section).

Refer to the Rate Conversion Table for equivalency of fluid ounces of Accel and grams of active ingredient. Do not exceed 53.5 fluid ounces of Accel (30 grams of N-(phenylmethyl)-1H-purine-6-amine) per acre per application.

Accel should be applied in 50 to 200 gallons of final spray solution per acre per application. As with most plant growth regulator products, timing and total grams of active ingredient per acre are the two major factors that determine the magnitude of response. The amount of water used per acre should be maintained at a point that ensures uniform and thorough coverage of the tree canopy, but avoiding excessive wash-off of the product.

Rate Conversion Table For Accel

| <u>Grams a. i.*/acre</u> | <u>Fluid ounces of Accel</u> |
|--------------------------|------------------------------|
| 10 | 18.0 |
| 15 | 27.0 |
| 20 | 35.5 |
| 25 | 44.5 |
| 30 | 53.5 |

* Refers to grams of N-(phenylmethyl)-1H-purine-6-amine

DiPel® DF, XenTari®, and Biobit® are registered trademarks of Valent BioSciences Corporation.

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.