



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

73049-29

Date of Issuance:

5/11/05

Term of Issuance:

Unconditional

Name of Pesticide Product:

Accel Solution

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Valent BioSciences
870 Technology Way
Libertyville, IL 60048

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on the Reregistration Eligibility Document (RED), EPA has reregistered the product listed above. The last accepted label dated August 7, 2002 meets the requirements RED. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

Signature of Approving Official:

Janet L. Andersen, Director
Biopesticides and Pollution Prevention Division

Date:

5/11/05

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 73049-29	2. EPA Product Manager Sheryl Reilly	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Accel Plant Growth Regulator Solution	PM# 91	
5. Name and Address of Applicant (Include ZIP Code) Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

Amendment - Explain below.

Final printed labels in response to Agency letter dated August 7, 2002

Resubmission in response to Agency letter dated _____

"Me Too" Application.

Notification - Explain below.

Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

*Continued from EPA Form 8570-1
dated August 7, 2002
M. Townsend
2/25/03*

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container

5. Location of Label Directions

6. Manner in Which Label is Affixed to Product
 Lithograph
 Paper glued
 Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Marvin H. Alphin	Title International Regulatory Manager	Telephone No. (Include Area Code) (847) 968-4724
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Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature <i>Marvin H. Alphin</i>	3. Title International Regulatory Manager
4. Typed Name Marvin H. Alphin	5. Date January 27, 2003

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Complies With EPA

Accepted Labeling Dated _____

Reviewed By M. Townsend
2/25/03

5.25"

4"

▲ OPEN HERE

Lot No. _____

Plant Growth Regulator

ACCEL[®]

Solution

ACTIVE INGREDIENTS
 1-Pyrrolidone 10.00%
 Gibberellic Acid 0.10%
 Other Ingredients 89.90%
 Total 100.00%

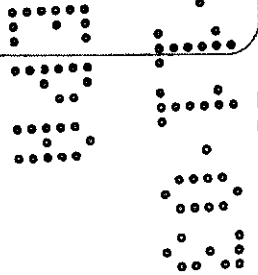
Apply by combination to use - with irrigation water.

KEEP OUT OF REACH OF CHILDREN
WARNING-AVISO

Stirring powder in water, measure a clean parafilm or other plastic bag
 before filling to avoid spillage. Do not inhale dust. Do not get in eyes.
 See all labels for first aid, storage, disposal, handling, additional
 precautionary elements and directions for use.

VALTEC BIOSCIENCES 02802
 170 W. HUNTER ROAD
 HUNTERDON, NJ 07001
 TEL: 908-271-0000
 FAX: 908-271-0001

Net Contents: 2 quarts (742 fl. oz.) (742 fl. oz.)



Plant Growth Regulator

Accel[®]

FIRST AID

If in eyes	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 AND 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

User 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

1-800-6-VALENT

4-9-9

AGRICULTURAL USE REQUIREMENTS (continued)

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.
- To insure optimum effectiveness, thorough spray coverage must be achieved by directing 85% of the spray volume into the upper two-thirds of the trees. All parts of the plant or crop must receive the spray for optimum results.

- Applications of Accel are most effective when ambient air temperature is around 75°F. Avoid spraying Accel when ambient temperatures are below 40°F or above 90°F. Best results are obtained when Accel is applied 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. Consult your local Valent Agricultural specialist for recommendations before including NAA and Accel in a thinning program.
- Best results are obtained when the water pH is 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. Mix new solutions in a clean, empty spray tank and use 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.

Make one or two applications of 18 to 53.5 ounces of Accel 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.

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Apply Accel 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. Maintain the amount of water used per acre at a point that ensures uniform and thorough coverage of the tree canopy, but avoid excessive wash-off of the product.

Rate Conversion Table For Accel

Grams a.i./acre	Fluid ounces of Accel
10	18.0
15	27.0
20	35.5
25	44.5
30	53.5

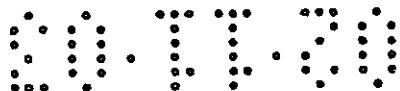
*Refers to grams of N-(phenylmethyl)-1H-purine-6-amine

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.

VALENT BIOSCIENCES CORPORATION © 2002
 870 TECHNOLOGY WAY
 LIBERTYVILLE, IL 60048



4.25"

Plant Growth Regulator

Accel®

Solution

ACTIVE INGREDIENTS:
 N-(phenylmethyl)-1H-purine-6-amine 1.80% w/w
 Gibberellic Acid 0.05% w/w
 Other ingredients 98.15% w/w
 Total 100.00% w/w

A plant growth regulator for use as a thinning agent on apples.
 See label on 7.5F (24F).

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.)
 See inside booklet for First Aid, storage/disposal statements, additional precautionary statements and directions for use.

VALENT BIOSCIENCES CORPORATION ©2002
 870 TECHNOLOGY WAY, SUITE 100
 LIBERTYVILLE, IL 60048

EPA Reg. No. 73049-23
 EPA Est. No. 33762-1A-001
 List No. 17780-1A-03
 04-481176

Net Contents: 2 quarts, 7.2 fl. oz. (71.2 fl. oz.)

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