

PM 22

275-92

10/26/94

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OCT 26 1994

MARVIN ALPHIN  
ABBOTT LABORATORIES  
CHEMICAL AND AGRICULTURAL PRODUCTS DIV.  
1401 SHERIDAN ROAD  
NORTH CHICAGO, IL. 60064

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 10/29/93 in Response to PR Notice 93-7  
EPA Reg. No. 275-92  
ACCEL PLANT GROWTH REGULATOR SOLUTION

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

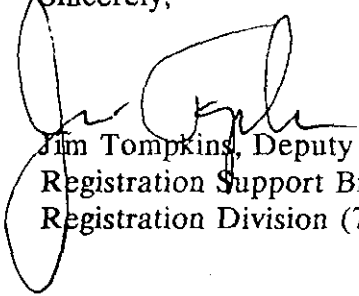
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

ACCEL®  
PLANT GROWTH REGULATOR  
SOLUTION

Active Ingredients:

N-(phenylmethyl)-1H-purine 6-amine.....	1.8% w/w
(Equivalent to 72 grams active ingredient per gallon)	
Gibberellins A <sub>4</sub> A <sub>7</sub> .....	0.18% w/w
(Equivalent to 7.2 grams active ingredient per gallon)	
Inert ingredients.....	98.02% w/w
<u>Total.....</u>	<u>100.00% w/w</u>

Store below 75°F (23°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).

Chemical and Agricultural Products Division  
Abbott Laboratories  
North Chicago, Illinois 60064

EPA Reg. No. 275-92  
EPA Est. No. 44616-MO-1

Net Contents:

accel.epa  
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ACCEL®  
with COMMENTS  
In EPA Letter Dated

OCT 26 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

275-92

### STATEMENT OF PRACTICAL TREATMENT

**If in Eyes:** Immediately flush with plenty of water. Call a physician.

**If Swallowed:** Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol.

**If on Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

Causes eye irritation. Do not get in eyes. Harmful if swallowed.

#### **Personal Protective Equipment:**

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 category selection chart.

Applicators and other handlers must wear:

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

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.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses, 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 disposing of equipment wash waters.

**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). 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:

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

### STORAGE AND DISPOSAL

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

**STORAGE:** Store below 75°C (23°C). Keep containers tightly closed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Do not reuse empty containers. Triple rinse (or equivalent). 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.

**General Information:**

Accel is a plant growth regulator which has been shown to be an effective thinning agent for apples when applied in the post-bloom period. The active ingredients in Accel are 6-Benzyladenine and Gibberellins A<sub>4</sub>A<sub>7</sub>, which are naturally-occurring substances found in plant tissues. Among other hormonal effects, Accel promotes cell division. Because of this activity, Accel may also increase fruit size of some varieties (e.g., 'Empire').

**Application Instructions:**

Do not apply this product through any type of irrigation system.

One to two applications of Accel should be made when king fruitlets are approximately 10 mm in diameter (note: This period may extend from approximately 7 to 21 days after full bloom, depending on the apple cultivar and local weather conditions. Refer to **TABLE 1** for recommended spray concentrations of Accel. Depending on desired Accel concentrations, use 35 to 200 gallons of final spray solution per acre per application. Do not, however, exceed the maximum recommended rate of 2.2 pints (20 gms 6-BA) per acre per application. Use calibrated spray equipment to ensure uniform spray coverage of leaves and developing fruit, particularly towards the upper half of the tree. Apply early in the morning or late in the afternoon when drying conditions are slower in order to ensure adequate absorption.

**APPLICATION RATES:**

Varieties	PPM Range*
Rome	25-50
Jonamac, Jonagold, McIntosh, Empire, Golden Delicious	50-100
Paula Red, Red Delicious	100-150

\*Refer to rate conversion table for Accel.

TABLE 1  
RATE CONVERSION TABLE FOR Accel

GPA**	PPM					
	25	50	75	100	125	150
	Pints (Grams 6-BA)***					
35	0.37(3.3)	0.73(6.6)	1.10(9.9)	1.4(13)	1.8(16)	2.2(19.8)
40	0.41(3.7)	0.83(7.5)	1.26(11.3)	1.7(15)	2.1(19)	
50	0.52(4.7)	1.04(9.4)	1.56(14)	2.1(19)		
60	0.62(5.6)	1.22(11)	1.88(17)			
70	0.73(6.6)	1.46(13)				
75	0.79(7.1)	1.56(14)				
80	0.83(7.5)	1.67(15)				
90	0.94(8.5)	1.88(17)				
100	1.04(9.4)	2.10(19)				
125	1.31(11.8)					
150	1.56(14)					
175	1.78(16)					
200	2.10(19)					

\*\*Gallons Per Acre.

\*\*\*Each pint of Accel contains 9 grams of 6-BA and 0.9 grams of GA<sub>4</sub>A<sub>7</sub>. Note: only grams 6-BA are shown in conversion table.

**Special Considerations**

Effectiveness of chemical thinning depends greatly on environmental conditions before, during and after spraying, as well as the vigor or health of the trees. High temperatures before and after thinning applications, prolonged cool and cloudy periods, and rain before or immediately after spray applications increase the thinning response. Trees weakened by disease or physical damage thin easier than healthier trees; use lower rates for weaker, less vigorous trees.



Applications of Accel are most effective when air temperature is 70-75°C (21-24°). Do not spray Accel when temperatures are below 60°F (16°C) or above 80°F (27°C).

Accel should be applied alone. No information is available on spray tank-mix compatibility with other agrochemicals.

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