

Plant Growth Regulator

Accel®

Solution

GUARANTEE:

N-(Phenylmethyl)- 1 H-purine-6-amine 1.80%
Gibberellins A₄A₇ 0.18%

COMMERCIAL

REGISTRATION NO.: 24593 PEST CONTROL PRODUCTS ACT



CAUTION POISON

WARNING EYE IRRITANT
KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING

Net Contents: 1 L

Registrant:
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NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label.
It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

PRECAUTIONS

WARNING EYE IRRITANT. Do not get in eyes or on skin. Do not contaminate ponds, lakes, rivers and streams.

FIRST AID

In case of contact with eyes or skin, immediately flush with plenty of water. If irritation persists, get medical attention.

If swallowed, induce vomiting immediately, and seek emergency care with physician immediately or contact a poison control centre.

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

TOXICOLOGICAL INFORMATION: Treat symptomatically.

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 the container to the collection site: Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

DIRECTIONS FOR USE:**General Information:**

Accel, containing as active ingredients Gibberellins A₄A₇, and Benzyladenine, is especially formulated to achieve thinning of applies. The desired thinning effect is obtained as a result of one or two post-bloom applications of the recommended dose of Accel. In addition to achieving thinning, Accel may also increase fruit size in some varieties.

Application Instruction:

DO NOT apply this product through any type of irrigation system.

DO NOT use NAA (Naphthalene acetic acid) in any Accel thinning program.

DO NOT apply by air.

One or two applications of 1.5 to 4 liters of Accel per hectare should be made when king fruitlets are approximately 5 to 10 mm in diameter (NOTE: This period may extend from approximately 7 to 21 days after full bloom, depending on the apple variety and local weather conditions).

Refer to the RATE CONVERSION TABLE for recommended use rates of Accel. Do not exceed 76 grams of N-(Phenylmethyl)- 1 H-purine-6-amine (4 liters of Accel) per hectare per application. **Consult your local Valent BioSciences agricultural specialist, extension specialist, or Farm Advisor for specific use rate recommendations for the apple varieties in your area.**

Accel should be applied in 500 to 2000 liters of final spray solution per hectare. As with most growth regulator products, timing and total grams of active ingredient per hectare are the two major factors that determine the magnitude of the response, however, the amount of water used per hectare should be maintained at a point that ensures uniform and thorough coverage of the tree canopy while avoiding excessive wash-off of the product. 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.

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.

Accel Rate Conversion Table

grams a.i./hectare*	liters of Accel/ha
30	1.5
38	2.0
48	2.5
57	3.0
67	3.5
76	4.0

* refers to grams of N-(Phenylmethyl)-1H-purine-6-amine

Compatibility with Other Chemicals

No information is available on spray tank-mix compatibility with other control products. Consult your local Valent BioSciences agricultural specialist, extension specialist, or Farm Advisor for information on specific compatibility questions.

DO NOT tank-mix with NAA (naphthalene acetic acid) products.

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 or cloudy periods before and/or after spraying may increase the thinning response. Trees weakened by disease or physical damage thin more easily than healthy trees. Use lower rates for weaker, less vigorous trees.

Applications of Accel are most effective when the air temperature is 21-24°C. Do not spray Accel when temperatures are below 16°C or above 27°C.