

55146-86

1/18/2000

page 1 of 4

# AGTROL 6-BA

Plant Growth Regulator Solution

A plant regulator for use as a thinning agent on apples.

**ACTIVE INGREDIENTS:**

N-(phenylmethyl)-1H-purine-6-amine . . . . . 1.80%

Gibberellins A<sub>4</sub>A<sub>7</sub> . . . . . 0.18%

**OTHER INGREDIENTS:** . . . . . 98.02%

**TOTAL** . . . . . 100.00%

**KEEP OUT OF REACH OF CHILDREN**

**WARNING-AVISO**

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

**FIRST AID**

**If in Eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

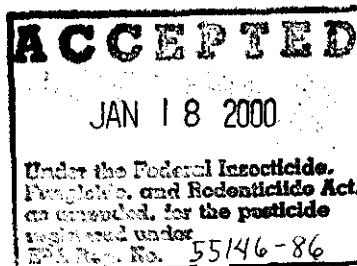
**If Swallowed:** Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

Agtrol International  
Houston, TX USA 77074

EPA Reg. No. 55146-XX

EPA Est. No.

Net Contents:



**PRECAUTIONARY STATEMENTS**  
**HAZARD TO HUMANS (AND DOMESTIC ANIMALS)**

**WARNING - AVISO**

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
- Shoes plus socks
- Protective eye wear

Follow the manufacturer's instructions for cleaning/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.

**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 the 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

AGTROL 6-BA is a plant 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), AGTROL 6-BA 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 Agtrol Representative.
- 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 AGTROL 6-BA are most effective when ambient air temperature is around 75°F. If possible, avoid spraying AGTROL 6-BA when ambient air temperatures are below 40°F or above 90°F. For best results, apply AGTROL 6-BA just prior to a warming trend, or when there are likely to be 2 to 3 days of temperatures above 70°F.
- AGTROL 6-BA 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 Agtrol Representative for recommendations before including NAA and AGTROL 6-BA 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 AGTROL 6-BA.
- **Compatibility:** The AGTROL 6-BA spray guidelines refer to use of the product alone. Data concerning the compatibility of AGTROL 6-BA with other agricultural compounds are not available. Agtrol International does not assume responsibility for unexpected results due to the tank mixing of AGTROL 6-BA with other products.
- **Mixing Instructions:** Add the required amount of AGTROL 6-BA 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. AGTROL 6-BA can be an effective component

4 2 4

for a comprehensive thinning program with other registered materials.

One to two applications of 18 to 53.5 fluid ounces of AGTROL 6-BA 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 AGTROL 6-BA under favorable weather conditions (see note in the General Instructions section).

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

AGTROL 6-BA should be applied in 50 to 200 gallons of final spray solution per acre per application. As with most plant regulator products, timing and total grams of active ingredient per acre are the two major factors that determine the magnitude of the 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 AGTROL 6-BA**

<u>Grams a.i.*/acre</u>	<u>Fluid ounces of AGTROL 6-BA</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

**WARRANTY STATEMENT**

AGTROL INTERNATIONAL warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions. THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

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