

GENESIS



# 6-BA



**Plant growth regulator solution for use on  
apples, pears and cherries.**

<b>Active Ingredient:</b> N-(phenylmethyl)-1H-purine-6-amine .....	2%
<b>Other Ingredients:</b> .....	98%
<b>Total:</b> .....	100%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

**See inside panel for First Aid Statements**

**FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure,  
or accident call CHEMTREC 1-800-424-9300**

EPA Reg. No. 62097-9-71089  
EPA Est. No. 39578-TX-001

Distributed by:  
**GENESIS-AGRI PRODUCTS INC**  
Warehouse: 2522 Old Town Road  
Union Gap, WA 98903



**Net Contents: One Gallon**

<b>FIRST AID</b>	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Hotline at 1-800-222-1222 for emergency medical treatment information 24 hours a day, seven days a week.</p>	

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, and clothing. Wear protective eyewear and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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 selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.
- Socks and shoes.

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**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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, 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 or rinsate.

### **PHYSICAL OR CHEMICAL HAZARDS**

FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

### **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 requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system.

### **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
- Shoes plus socks
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.

## PRODUCT INFORMATION

- GENESIS 6-BA is a plant growth regulator for use on apples and pears.
- GENESIS 6-BA is a post-bloom thinning agent.
- GENESIS 6-BA may increase fruit weight, but this is dependent on fruit set and the physiological condition of the trees.
- GENESIS 6-BA may increase branching and feathering of non-bearing apple, pear or cherry trees.
- Apply GENESIS 6-BA using conventional spray application machinery or as otherwise directed in this label. Do not apply GENESIS 6-BA using irrigation equipment.
- The effectiveness of GENESIS 6-BA depends on the variety of target apple and pear trees.
- The thinning effectiveness of GENESIS 6-BA is increased by:
  - High temperatures before and after application (70-75°F (21-24°C)).
  - Disease and physiological stress of target trees. Apply reduced rates to low vigor trees, or trees under stress from drought, winter injury, etc.
- The effectiveness of GENESIS 6-BA is reduced by:
  - Low temperatures before and after application. Do not apply GENESIS 6-BA if the temperature is below 60°F (16°C).
  - Rainfall immediately after application.
  - pH above 8. GENESIS 6-BA performs best when the pH is 5-6.5. A buffer or pH enhancer may be used for this purpose.
- Direct 80% of the spray to the top 2/3rds of the tree structure.
- Use a properly calibrated sprayer to ensure uniform and complete coverage of all foliage and developing fruit without run-off. Spray volume should be adjusted for tree size and density.
- GENESIS 6-BA works best if climatic conditions allow an extended drying period. Consider application in the morning or evening when temperatures are lower and humidity tends to be higher than during the day.
- Consult your farm advisor or extension specialist for advice about tank-mixing GENESIS 6-BA with other compounds.
- DO NOT EXCEED 296 fl. oz. of product (182 grams of active ingredient) PER ACRE PER SEASON.
- DO NOT APPLY CLOSER THAN 86 DAYS BEFORE HARVEST.

## SPRAYING GUIDE FOR FRUIT THINNING

When used to thin fruit, GENESIS 6-BA is normally applied in a single spray program; if a second application is needed allow 7-10 days after the first to observe the effect and spray before the diameter of king bloom fruit exceeds 20mm.

Make 1-2 applications of 75-200 ppm when king fruitlets are 5-10 mm in diameter (see GENESIS 6-BA Dilution Guide). The effectiveness of GENESIS 6-BA depends on the variety of target apple and pear trees and weather conditions. Refer to your farm

advisor or extension specialist for advice about rate of application. DO NOT EXCEED 296 fl oz of product (182 grams of active ingredient) PER ACRE PER SEASON.

### **SPRAYING GUIDE FOR FRUIT SIZING & RETURN BLOOM**

Spray 2-4 applications of 10-50 ppm at petal fall and following at 3-10 day intervals. Generally use higher rates at longer intervals and lower number of applications. Refer to your farm advisor or extension specialist for advice about rate of application. DO NOT EXCEED 296 fl. oz. of product (182 grams of active ingredient) PER ACRE PER SEASON.

Applications for fruit sizing may cause thinning in some varieties or conditions of application.

### **APPLICATION INSTRUCTIONS FOR INCREASING BRANCHING AND FEATHERING OF NON-BEARING APPLE, PEAR AND CHERRY TREES**

#### **Foliar Applications:**

Application of GENESIS 6-BA increases branching to help improve tree structure of nursery stock and young trees. GENESIS 6-BA also improves branch angles and stimulates bud break. Make 3-4 applications of 250-500 ppm (76-153 fl. oz. per 50 gallons of water) on a 5-10 day interval beginning when trees have at least 28-30 inches of growth.

- Optimum application timing is in the morning when temperatures are cooler and drying times are slower. Applications when temperatures are 90°F (32°C) or higher should be avoided.
- Applications can be made to trees in nursery situations and non-bearing trees in orchards.
- DO NOT apply GENESIS 6-BA to trees with fruit that are intended for harvest.
- Applications should be directed to the shoot tips of the trees.
- For second through fourth applications, spray should be applied after 5 inches of new growth has occurred following the previous application, approximately 7-10 days.
- DO NOT apply GENESIS 6-BA with streptomycin or make an application of streptomycin within 1 day of application of GENESIS 6-BA.

#### **Latex Applications:**

Application of GENESIS 6-BA improves tree structure by improving branch angles and increasing lateral bud break and shoot growth in nursery stock and young trees. At the location where branching is desired, apply a uniform application of GENESIS 6-BA and latex paint mix at a rate of 5,000-7,500 ppm (3.8-5.8 fl. oz./pint of latex paint). The GENESIS 6-BA and latex paint mix should be applied using a brush or sponge to achieve thorough coverage of the bark surface. Application should only be made to one year old wood in the spring once terminal buds begin to swell but before shoots emerge. Applications made following bud break may result in injury to the young shoots.

- DO NOT apply more than 296 fl. oz. GENESIS 6-BA per acre per season.

- DO NOT apply GENESIS 6-BA and latex paint mix after bud break. Doing so may cause injury to shoot tips and reduce the effectiveness of the application for shoot growth.
- A one year pre-harvest interval is required for non-bearing pears and non-bearing sweet cherries following an application of GENESIS 6-BA.

#### GENESIS 6-BA DILUTION GUIDE

Parts Per Million	10 ppm	25 ppm	50 ppm	75 ppm	100 ppm	125 ppm	150 ppm	175 ppm	200 ppm
Fluid Ounces of Product Per 50 Gallons of Water	3	7.5	15	23	30.5	38	45.5	53.5	61

GENESIS 6-BA contains 39.35 grams active ingredient per 64 fluid ounces (one-half gallon).

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep container tightly closed when not in use. Store below 75°F.

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

**CONTAINER HANDLING:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, if available, or puncture and dispose of in sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### **WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability of fitness for a particular purpose, expressed or implied, extends to the use, storage or handling of the product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to damage of plants, crops and animals to which the materials are applied, failure to control pests, damage caused by drift to other plants or crops and personal injury.

## NOTES





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