



ACTIVE INGREDIENT	BY WEIGHT
Forchlorfenuron .....	00.80%
OTHER INGREDIENTS .....	99.20%
TOTAL .....	100.00%

This package contains 10 grams active ingredient.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID	
<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>
<b>NOTES:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In the event of a medical emergency, you may also contact CHEMTREC at 1-800-424-9300.	

See inside booklet for additional Precautionary Statements and complete Directions for Use.

EPA Reg. No. 71049-4-5905  
EPA Est. No. 5905-CA-001

AD 040720HAE  
NET CONTENTS: 1.25 Quarts (40 fl. oz.)  
(10 grams active ingredient)



Manufactured For  
**HELENA AGRI-ENTERPRISES, LLC**  
225 Schilling Boulevard, Suite 300  
Collierville, TN 38017

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION** – Causes moderate eye irritation. Harmful if absorbed through skin or swallowed. Avoid contact with eyes, skin or clothing. Wear long sleeved shirt, long pants, shoes plus socks, chemical resistant gloves, and goggles, safety shield or glasses. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE)**

**APPLICATORS AND OTHER HANDLERS MUST WEAR:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate  $\geq$  14 mils, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, or polyvinyl chloride (PVC)  $\geq$  14 mils, Viton  $\geq$  14 mils
- Shoes plus socks
- Protective eyewear, such as goggles, safety shield, or safety glasses.

**User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:**

**Users should:**

- Wash hands thoroughly with soap and water 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 washwater or rinsate.

**STORAGE AND DISPOSAL:**

Do not contaminate water, food, or feed by storage or disposal. Keep pesticide in original container.

**PESTICIDE STORAGE:** Always store pesticides in the original container, in a cool, dry secure area out of the reach of children and animals.

**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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after equipment emptying. Triple rinse as follows: Empty the remaining contents into application or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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 the flow begins to drip. Repeat this procedure two more times.

## 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 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
- Chemical-resistant gloves, such as barrier laminate  $\geq$  14 mils, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, or polyvinyl chloride (PVC)  $\geq$  14 mils, Viton  $\geq$  14 mils
- Shoes plus socks
- Protective eyewear, such as goggles, safety shield, or safety glasses.

### PRODUCT INFORMATION

**IMPORTANT:** Before application, read all use directions thoroughly. Use **TALLY® PLANT GROWTH REGULATOR** only as directed.

This **TALLY® PLANT GROWTH REGULATOR** package contains 8 grams of N-(2-chloro-4-pyridinyl)-N'-phenyl urea, or forchlorfenuron. Each fluid ounce (fl. oz.) **TALLY® PLANT GROWTH REGULATOR** contains 0.25 grams of the active ingredient (a.i.) forchlorfenuron. Thus, 4 fluid ounces equals one gram of forchlorfenuron.

**TALLY® PLANT GROWTH REGULATOR** is an extremely potent plant growth regulator (PGR). However, excessive rates of **TALLY® PLANT GROWTH REGULATOR** can result in undesirable results. For specific effects and benefits, see the Use Directions by Crop section.

- Product efficacy requires thorough coverage of the flowers and/or fruit. Uniform spray coverage is essential to achieve the desired results.
- For best results, apply **TALLY® PLANT GROWTH REGULATOR** under slow drying conditions, e.g. early in the morning, late in the afternoon, or at night, in order to ensure adequate uptake.
- For best results, the water pH should be close to neutral, and always below 8.5.
- For best performance, use adjuvants of a non-ionic nature, such as Latron B1956, or silicone type non-ionic surfactants and in amounts not to exceed 0.1% volume/volume (v/v). Be sure to follow surfactant

label directions, especially for silicone-type non-ionic surfactants that are used at very low concentrations in the spray mixture.

Consult your local Helena Agri-Enterprises, LLC agricultural representative for specific information on the best use suggestions for your particular crop.

#### **Application Restrictions:**

- DO NOT apply **TALLY® PLANT GROWTH REGULATOR** to plants under stress. If plants under stress are treated, the effect may be reduced.
- DO NOT use overhead irrigation until sprays of **TALLY® PLANT GROWTH REGULATOR** have dried completely.
- DO NOT apply **TALLY® PLANT GROWTH REGULATOR** if rain is expected before sprays have dried completely.
- DO NOT apply this product through any type of irrigation system or by aerial application, unless otherwise stated in the Directions for Use.
- Tank Mixing: Except when specifically noted in the Use Directions by Crop section, DO NOT combine **TALLY® PLANT GROWTH REGULATOR** in tank mixes with other pesticides, adjuvants, or fertilizers unless prior experience has shown the combination physically compatible, effective and non-injurious under conditions of use. If tank mixing is used, a jar test is suggested to test for physical compatibility and prevent crop injury. Follow the most restrictive labeling limitations and precautions of all products used in tank mixtures.
- Spray Methods: Use only dilute sprays. Use kicker nozzles directed onto fruit from beneath the canopy on row and airblast sprayers. DO NOT apply by ultra-low volume (ULV) or concentrate methods.
- DO NOT treat fruit by dipping. Use of the dip method for applying **TALLY® PLANT GROWTH REGULATOR** may result in residues exceeding tolerance restrictions.

**SPRAY DRIFT MANAGEMENT:** A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

#### **SPRAY DRIFT**

##### **Aerial Applications:**

- Do not release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

##### **Ground Boom Applications:**

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).

- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

**Airblast Applications:**

- Direct spray into the crop canopy.
- Turn off outward pointing nozzles at row ends and when spraying outer rows.

**SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

**IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

**Controlling Droplet Size Ground Boom**

Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.

Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.

Spray Nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

**Controlling Droplet Size Aircraft**

Adjust Nozzles – Follow nozzle manufacturers recommendations for setting up nozzles.

Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

**BOOM HEIGHT – Ground Boom**

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage.

For ground equipment, the boom should remain level with the crop and have minimal bounce.

**RELEASE HEIGHT – Aircraft**

Higher release heights increase the potential for spray drift. When applying aurally to crops, do not release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.

**SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

**TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

**TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

## **WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

## **USE DIRECTIONS BY CROP**

The application Spray Volume is expressed as the number of gallons of liquid applied per acre (GPA).

### **Almonds**

An application of **TALLY® PLANT GROWTH REGULATOR** following the label directions will result in increased fruit size or yield as indicated in the crop specific instructions.

#### **Application Instructions:**

Make one application of **TALLY® PLANT GROWTH REGULATOR** per year. Make sure that fruit are thoroughly covered to achieve desired results. Apply enough spray volume to achieve thorough coverage and avoid spraying to runoff. Use higher spray volumes for larger or dense foliage trees. See Table 1 for crop-specific rates and instructions.

#### **USE PRECAUTIONS:**

Follow the Honey Bee Best Management Practices for California Almonds.

For aerial applications, apply in late afternoon or evening when bees and pollen are not present.

Avoid application before 80% petal fall.

#### **USE RESTRICTIONS:**

DO NOT make more than one application per year.

DO NOT exceed the maximum rate of 32 fluid ounces (8 grams a.i.) (0.018 lbs. a.i.) per acre per year.

DO NOT apply this amount of product in less than 200 GPA by ground.

**Table 1: Use Directions for Almonds**  
**For ground applications**

<b>Crop</b>	<b>Application Rate per Acre</b>	<b>Application Rate per 100 Gallons of Spray Mix</b>	<b>Spray Volume (GPA)</b>	<b>Crop Specific Instructions</b>
Almonds	16-32 fl. oz. product (4-8 grams a.i.) (0.009-0.018 lbs. a.i.)	16 fl. oz. product (4 grams a.i.) (0.009 lbs. a.i.)	100-200	Make one application from 80% petal fall to the time when nutlet length averages 4 to 6 mm to promote increased fruit retention and increase yield.

**For aerial applications (Almonds Only)**

<b>Crop</b>	<b>Application Rate per Acre</b>	<b>Spray Volume (GPA)</b>	<b>Crop Specific Instructions</b>
Almonds	16-32 fl. oz. product (4-8 grams a.i.) (0.009-0.018 lbs. a.i.)	10-25	Make one application from 80% petal fall to the time when nutlet length averages 4 to 6 mm to promote increased fruit retention and increase yield.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Helena Agri-Enterprises, LLC. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Helena Agri-Enterprises, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Helena Agri-Enterprises, LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Helena Agri-Enterprises, LLC disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Helena Agri-Enterprises, LLC 's election, the replacement of product.

**TALLY® PLANT GROWTH REGULATOR** is a registered trademark of Helena Holding Company. Latron B1956 is a trademark of Dow AgroSciences, LLC.