



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION**

September 13, 2023

Patricia McFadden  
Registration Manager  
Sipcam Agro USA, Inc.  
2525 Meridian Parkway  
Durham, NC 27713

Subject: Label Amendment – Under “DIRECTIONS FOR USE” added “RESTRICTED USE PESTICIDE” wording & minor additional revisions.  
Product Name: TPTH 4L  
EPA Registration Number: 60063-89  
Application Date: April 07, 2022  
Decision Number: 584209

Dear Patricia McFadden:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Kristy Crews by phone at (202) 566-1813, or via email at [Crews.Kristy@epa.gov](mailto:Crews.Kristy@epa.gov); or Craig Reeves by phone at (202) 566-2869, or via email at [Reeves.Craig@epa.gov](mailto:Reeves.Craig@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Kristy Crews".

Kristy Crews, Ph.D., Product Manager 22  
Fungicide Branch, Registration Division (7505T)  
Office of Pesticide Programs

Enclosure- Stamped Label

**RESTRICTED USE PESTICIDE**

Due to the high acute toxicity to humans, potential for affecting fetal development and carcinogenicity. For retail sale to and use by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicators certification.

TPTH	Group	<b>30</b>	Fungicide
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**TPTH 4L**

[Alternate brand name: Sipcam TPTH 4L]

**For use on sugarbeets, potatoes and pecans**

<b>Active Ingredient:</b>	
Triphenyltin hydroxide* .....	40.0%
<b>Other Ingredients:</b> .....	60.0%
<b>TOTAL:</b> .....	100.0%

\*Contains 4 lbs.ai./gal. triphenyltin hydroxide.

**KEEP OUT OF REACH OF CHILDREN**

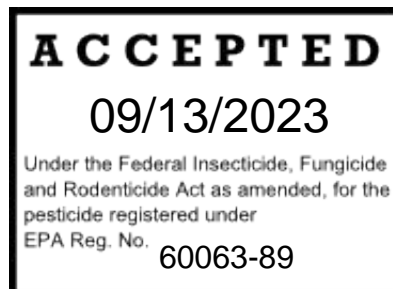


Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail).

EPA Reg. No.: 60063-89  
Net Contents: \_\_\_ [gallons] [gal.] [(liters)] [(L)]  
[label date/lot code]

EPA Est. No.: \_\_\_\_\_  
[Lot number begins with xx]

**Manufactured for:**  
**Sipcam Agro USA, Inc.**  
2525 Meridian Parkway  
Durham, NC 27713



<b>FIRST AID</b>	
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<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 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 the 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>
Have the product label with you when calling a poison control center, or doctor or going for treatment.	
<b>Emergency Phone Numbers</b>	<b>(800) 424-9300 CHEMTREC (transportation and spills)</b> <b>(800) 222-1222 POISON CONTROL</b>
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER – PELIGRO.** Fatal if inhaled. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed or absorbed through the skin. **DO NOT** get in eyes, on skin, or on clothing. **DO NOT** breathe vapor or spray mist. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

The United States Environmental Protection Agency has determined that triphenyltin hydroxide, the active ingredient of this product, affects fetal development causing birth defects in laboratory animals. Exposure to triphenyltin hydroxide during pregnancy must be avoided.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Handlers exposed to the concentrate or diluted product must wear:**

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves made of: barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils or Viton  $\geq 14$  mils
- Protective eyewear
- Chemical-resistant apron for mixing and loading or equipment maintenance
- Chemical-resistant headgear for overhead exposure
- A minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor(OV) cartridges; OR a NIOSH approved full face respirator with OV cartridges, OR a gas mask with OV cartridges, OR a powered air purifying respirator with OV cartridges.

**Handlers, mixers, loader, applicators, flaggers, and others using engineering controls must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of: barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, natural rubber  $\geq 14$  mils, polyethylene, polyvinyl chloride (PVC)  $\geq 14$  mils or Viton  $\geq 14$  mils

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. Follow the 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.

**ENGINEERING CONTROLS STATEMENTS**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. **This reduced PPE allowance does NOT apply to mixing/loading liquids for aerial applications to sugar beets and potatoes.**

Mixers and loaders supporting aerial and chemigation applications must use a closed mixing and loading system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4)] for providing both dermal and inhalation protection. The system must include a mechanism for removing the pesticide and rinsate, and transferring it into mixing tanks and/or application equipment. At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device that is warranted by the manufacturer to minimize drippage to not more than 2 ml per disconnect point.

Mixers and loaders supporting ground applications must use a mechanical transfer system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4)] for providing dermal and inhalation protection. The system must be capable of removing the pesticide from the shipping container and transferring it into mixing tanks and/or application equipment. At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device that is warranted by the manufacturer to minimize drippage to not more than 2 ml per disconnect point.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Ground equipment applicators and flaggers must use an enclosed cab that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(5)].

All mixers, loaders, applicators, and flaggers must wear the personal protective equipment specified above for the task they are performing and all (except aerial applicators) must be provided and must have immediately available for use in an emergency, including a spill or equipment failure, the PPE specified above for handlers not using engineering controls.

Applicators and flaggers must be in enclosed cabs.

### **USER SAFETY RECOMMENDATIONS**

- Users should wash hands before eating, drinking, chewing gum, or using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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**

This pesticide is toxic to fish and wildlife. **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** allow this product to drift from the target site. **DO NOT** apply with aircraft within 300 feet or with ground boom equipment within 100 feet of any natural body of water including rivers, streams, ponds, lakes, and reservoirs. **DO NOT** apply with aircraft when wind speed is greater than 10 mph. Apply this pesticide only as specified on this label. **DO NOT** contaminate water when cleaning equipment or disposing of equipment washwaters.

### **PHYSICAL OR CHEMICAL HAZARDS**

**DO NOT** mix or allow to come in contact with oxidizing agents. Hazardous chemical reaction may occur.

### **SURFACE WATER ADVISORY**

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching aquatic sediment via runoff for several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features including ponds, streams, and springs will reduce the potential loading of TPTH from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

### **DIRECTIONS FOR USE RESTRICTED USE PESTICIDE**

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 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), notification to workers and restricted-entry intervals. 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 workers to enter treated areas during the restricted-entry interval (REI) of 48 hours for all crops.**

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, including plants, soil, or water, is coveralls over long-sleeved shirt and long pants, chemical resistant gloves (including butyl rubber, nitrile rubber, or neoprene rubber), shoes and socks, protective eyewear and chemical-resistant headgear for overhead exposure. Notify workers of the applications by warning them orally and by posting warning signs at entrances to treated areas.

## PRODUCT INFORMATION

This product is a non-flammable, flowable fungicide.

### USE RESTRICTIONS

- **DO NOT** apply product with mechanically pressurized handgun equipment.
- **DO NOT** apply product using backpack sprayers.

### PESTICIDE RESISTANCE MANAGEMENT

For resistance management, this product contains a Group 30 fungicide. Any fungal population may contain individuals naturally resistant to this product and other Group 30 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies must be followed.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group 30 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological, and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact your local Sipcam Agro USA representative. You can also contact your pesticide distributor or university extension specialist to report resistance.

### INTEGRATED PEST MANAGEMENT

This product is an excellent disease control agent when used according to label directions for control of plant diseases. This product is for use in programs that are compatible with the principles of Integrated Pest Management (IPM), including the use of disease resistant crop varieties, cultural practices, pest scouting and disease forecasting systems which reduce unnecessary applications of pesticides.

## GROUND AND AERIAL APPLICATION

This product can be applied as a ground or aerial spray to control fungal infestations on listed crops. Application rates are for general use and must not be exceeded. The state agricultural extension or agricultural experiment station specialist should be consulted for specific applications and timing recommendations. With any spray application, thorough coverage is essential for good control. **DO NOT** apply this product through any type of irrigation system except on potatoes. Apply this product only as specified on this label. In case of accidental exposure, see **First Aid** statements. **DO NOT** allow this product to drift from the target site.

### MANDATORY SPRAY DRIFT MANAGEMENT

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

- User must only apply with the release height specified by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- Applicators are required to select nozzle and pressure that deliver medium or coarser droplet size (ASABE S572).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

### SPRAY DRIFT ADVISORIES

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

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator and grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops.

1. The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the airstream and never be pointed downward more than 45 degrees.

Where states have more stringent regulations, they must be observed. The applicator must be familiar with and take into account the information covered in the **Aerial Drift Reduction Advisory Information** (below).

#### **Aerial Drift Reduction Advisory Information:**

This section is advisory in nature and does not supersede the mandatory label requirements.

**INFORMATION ON 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 (see **Wind, Temperature and Humidity**, and **Temperature Inversions**).

#### **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 specified 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 must be oriented parallel with the airflow in flight.

#### **BOOM HEIGHT – Ground Boom**

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

#### **RELEASE HEIGHT – Aircraft**

- Higher release heights increase the potential for spray drift.

#### **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 speeds. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.**
- Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

**SENSITIVE AREAS:** This pesticide must only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

#### **CHEMIGATION**

**DO NOT** apply this product through any type of irrigation system on crops other than potatoes. Apply this product only through one or more of the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set or hand move irrigation system. **DO NOT** apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

For specific information about calibration, contact State Extension Service specialists, equipment manufacturers or other irrigation experts.

**DO NOT** connect an irrigation system used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustment should the need arise.

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas including residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas including schools, parks, playgrounds or other public facilities not including public roads, or 2) when the chemigated area is open to the public including golf courses or retail greenhouses.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any location affording maximum visibility to sensitive areas. The printed side of the sign must face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2.5 inches tall, and all letters and symbol shall be a color, which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER. This sign is in addition to any sign posted to comply with the Worker Protection Standard.

**SPRINKLER CHEMIGATION:** The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back-flow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

**DO NOT** apply when wind speed favors drift beyond the area intended for treatment.

**DO NOT** mix with surfactants, spreaders, stickers or buffers unless testing or prior experience has shown the mixture to be non-phytotoxic to the crop. Combinations with some pesticides, micronutrients, spreaders, stickers, surfactants or buffering agents can increase phytotoxicity.

Phytotoxicity may be severe. Emulsifiable concentrate insecticides can be especially injurious in combination.

**DO NOT** graze dairy or meat animals in treated areas.

## CROPS

### SUGARBEET

PEST	RATE PER ACRE (LBS.AI/A)	USE DIRECTIONS
<p>Cercospora Leaf Spot,                      Suppression of beet army worm</p>	<p>4.0 to 8.0                      fl. oz. per acre                       (0.125 – 0.25                      lbs.AI/A)</p>	<p>Applications must begin when Leaf Spot conditions appear or when the disease is in the area and repeated at 10 to 14-day intervals. Use lower rate for protective sprays and the higher rates later in the year or during high infection periods. For best results, apply this product in a tank mix or in alternate applications with different mode of action fungicides as a resistance management strategy.</p> <p><b>Ground</b> (Closed Cabs Only): Apply in at least 15 gallons of water. Full coverage of the foliage is necessary for best results.</p> <p><b>Aerial</b> (helicopter or fixed wing aircraft): Apply in 5 to 10 gallons of water. Diluted spray must be directed uniformly to all parts of the plant. Use lower gallonage when plants are small and increase volume with plant size. Use lower rate for protective sprays and the higher rates later in the year or during high infection periods.</p>
<p><b>RESTRICTIONS:</b>                      In all states <b>EXCEPT</b> Minnesota, North Dakota, and Michigan,</p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply more than 8.0 fl. oz. (0.25 lbs.AI) of this product per acre per application.</li> <li>• <b>DO NOT</b> apply more than 16.0 fl. oz. (0.5 lbs. AI) of this product per acre per year.</li> <li>• <b>DO NOT</b> make more than two (2) applications of this product at the high rate (0.25 lbs. AI / acre) per year.</li> </ul> <p>In Minnesota, North Dakota, and Michigan,</p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply more than 8.0 fl. oz. (0.25 lbs.AI) of this product per acre per application.</li> <li>• <b>DO NOT</b> apply more than 24.0 fl. oz. (0.75 lbs. AI) of this product per acre per year.</li> <li>• <b>DO NOT</b> make more than three (3) applications of this product at the high rate (0.25 lbs. AI / acre) per year.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Minimum Retreatment Interval:</b> 10 days</li> <li>• <b>Pre-harvest Interval (PHI):</b> 21 days</li> <li>• <b>DO NOT</b> graze or feed beet tops to livestock.</li> </ul>		

**POTATO**

PEST	RATE (LBS.AI/A)	USE DIRECTIONS
Early Blight, Late Blight, Suppression of Colorado Potato Beetle	4.0 to 6.0 fl. oz. per acre*  (0.125 – 0.1875 lbs.AI/A)	<p>For Early blight and Late blight, begin preventive applications early in the year when conditions are favorable for disease (before infection), and continue as needed. The lower rate of application must be used early in the year and the high rate mid to late year or when blight infection is in the area.</p> <p><b>Ground</b> (Closed Cabs Only): Apply in at least 15 gallons of water. Full coverage of the foliage is necessary for best results. A spray pressure of less than 200 psi is advised.</p> <p><b>Aerial:</b> Apply in 3 to 10 gallons of water. For helicopter application, fly high enough so as not to whip the vines.</p> <p><b>Chemigation:</b> This product must be added through a traveling irrigation system continuously or at the last 30 minutes of solid set or hand moved irrigation systems. Use agitation. Diluted spray must be directed uniformly to all parts of the plant and the gallonage increased according to the size of the plants.</p>
<p><b>RESTRICTIONS:</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply more than 6.0 fl. oz. (0.1875 lbs.AI) of this product per acre per application.</li> <li>• <b>DO NOT</b> apply more than 18.0 fl. oz. (0.5625 lbs. AI) of this product per acre per year.</li> <li>• <b>DO NOT</b> make more than three (3) applications of this product at the high rate (0.1875 lbs. AI / acre) per year.</li> <li>• <b>Pre-harvest Interval (PHI):</b> 7 days</li> </ul> <p>*<b>PEST MANAGEMENT SYSTEMS:</b> When used in combination with another fungicide registered for disease control on potatoes, a 3 fl. oz. rate may be used.</p>		

**PECAN**

PEST	RATE (LBS.AI/A)	USE DIRECTIONS
Scab, Brown Leaf Spot, Downy Spot, Powdery Mildew, Liver Spot, Sooty Mold, Leaf Blotch	8.0 to 12.0 fl. oz. per acre  (0.25 – 0.375 lbs.AI/A)	<p>Application needs to begin at pre-pollination stages when the young leaves are unfolding, and a second application made when the small nuts are forming. Apply a maximum of ten treatments during a year at 2 to 4 week intervals as needed to maintain control. Use the lower rate for the first two applications or until the disease becomes severe or during dry weather. Use the higher rate during wet weather or during severe Scab, Powdery Mildew or other disease infections. Alternate applications with different mode of action fungicides as a resistance management strategy.</p> <p><b>Ground</b> (Closed Cabs Only): Apply in sufficient water to provide for full coverage.</p> <p><b>Aerial:</b> Apply in a minimum of 20 gallons of water. Diluted spray must be directed to all parts of the tree.</p>

**RESTRICTIONS:**

- **DO NOT** apply more than 12.0 fl. oz. (0.375 lbs.AI) of this product per acre per application.
- **For pecans grown in states west of Interstate 35,**
  - **DO NOT** apply more than 48.0 fl. oz. (1.5 lbs. AI) of this product per acre per year.
  - **DO NOT** make more than four (4) applications of this product at the high rate (0.375 lbs. AI / acre) per year.
- **For pecans grown in states east of Interstate 35,**
  - **DO NOT** apply more than 72.0 fl. oz. (2.25 lbs. AI) of this product per acre per year.
  - **DO NOT** make more than six (6) applications of this product at the high rate (0.375 lbs. AI / acre) per year.
- **Minimum Retreatment Interval:** 14 days
- **Pre-harvest Interval (PHI):** 30 days

## **STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food, or feed by storage or disposal.

### **PESTICIDE STORAGE**

Keep this product in its tightly closed original container when not in use. Store in a clean, dry (preferably locked) area (above 0°F) that is inaccessible to children and animals.

### **PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

### **CONTAINER HANDLING [less than or equal to 5 gallons]**

**Non-refillable container.** Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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 and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### **CONTAINER HANDLING [greater than 5 gallons]**

**Non-refillable container.** Do not reuse or refill this container. Offer for recycling if available. Triple rinse container or pressure rinse (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### **CONTAINER HANDLING [greater than 5 gallons]**

**Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**DO NOT USE CONTAINERS FOR THE STORAGE OF FOOD, FEED, OR DRINKING WATER!**

## **WARRANTY AND LIMITATION OF DAMAGES**

Conditions of sale: To the extent consistent with applicable law, Sipcam Agro USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to Sipcam Agro USA, Inc. SIPCAM AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. To the extent consistent with applicable law, SIPCAM AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.