



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

89168-65

Date of Issuance:

2/10/17

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Liberty TM 540

Name and Address of Registrant (include ZIP Code):

Liberty Crop Protection, LLC
4850 Hahns Peak Drive, Suite 200
Loveland, CO 80538

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Shaja B. Joyner, Product Manager 20
Fungicide-Herbicide Branch
Registration Division 7505P

Date:

2/10/17

2. You are required to comply with the data requirements described in the DCI identified below:

a. Thiophanate-methyl GDCI-102001-1439

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 89168-65."

4. Submit one copy of the final printed label for the record before you release the product for shipment.

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 the Federal Insecticide Fungicide and Rodenticide Act 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) list 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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 9/8/2016

If you have any questions, please contact Nathan Mellor by phone at 703-347-8562, or via email at mellor.nathan@epa.gov.

Enclosure:

Acute Toxicity Review 11/29/16

Product Chemistry Review 9/28/16

Thiophanate-methyl DCI

Master Label consisting of:
Pages 1 – 7: Split-Label A [Seed Treatment uses]
Pages 8 - 24: Split-Label B [Agricultural uses]

LIBERTY™ 540

Fungicide

ACTIVE INGREDIENT:

Thiophanate-methyl (Dimethyl [(1,2-phenylene)bis-(iminocarbonothioyl)]bis[Carbamate])* 46.2%

OTHER INGREDIENTS:..... 53.8%

TOTAL:**100.0%**

*Also known as Dimethyl 4,4'-o-phenylenebis[3-thioallophanate] Contains 4.5 pounds thiophanate-methyl per gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION / PRECAUCION

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

EPA REG. NO.:89168-AL

EPA EST. NO.:

Net Contents:____Gallons (____L)

MANUFACTURED FOR

LIBERTY CROP PROTECTION LLC
4850 HAHNS PEAK DRIVE, SUITE 200
LOVELAND, CO 80538

020117

FIRST AID

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION / PRECAUCION

Causes moderate eye irritation. Harmful if swallowed or inhaled. Harmful if absorbed through skin. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

• Long-sleeved shirt and long pants, • Shoes plus socks, • Chemical-resistant gloves for all mixers and loaders and for applicators using hand held equipment, and • Chemical-resistant apron for mixers, loaders and other handlers exposed to the concentrate.

Note: Persons involved in bagging treated seed, sewing or moving bags of treated seed, or cleaning up bagging areas or seed treatment equipment are pesticide handlers and must wear the PPE required on this label for pesticide handlers.

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 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.

PHYSICAL / CHEMICAL HAZARDS

Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

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 by disposing of equipment washwater or rinsate.

Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

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.

For use by commercial seed treaters only in liquid or slurry treaters. Not for use on agricultural establishments in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

Mix thoroughly before use or use entire container at one time. Pre-test all tank mixes to determine physical compatibility between formulations. Observe the most restrictive use precautions and limitations on labeling of the products used in mixtures.

NOTE: The purchaser of this product is responsible for ensuring that all seed treated with this product is adequately dyed with a suitable colorant to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye or colorant added to treated seed must be cleared for use under 40 CFR, Part 180.900. Federal regulations have established official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at specified rates.

Treated seed must not be used for or mixed with food or animal feed or processed for oil. Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal Seed Act.

SEED LABELING

THE FEDERAL SEED ACT REQUIRES THAT BAGS CONTAINING TREATED SEED BE LABELED WITH THE FOLLOWING INFORMATION:

*"This seed has been treated with LIBERTY™ 540 (thiophanate-methyl) seed treatment. **DO NOT** use for food, feed, or oil processing. Store away from feeds and other foodstuffs."*

LABELS FOR COMMERCIALY TREATED SEED MUST INCLUDE THE FOLLOWING ADDITION TO THE ENVIRONMENTAL HAZARDS STATEMENTS:

*"Exposed, treated seed may be hazardous to birds and wildlife. Dispose of all excess treated seed and seed packaging or containers by burial away from bodies of water in accordance with any local requirements. Cover, incorporate, or collect treated seeds spilled during loading and planting. **DO NOT** contaminate bodies of water when disposing of planting equipment wash water."*

THE U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON CONTAINERS CONTAINING TREATED SEED:

*"**DO NOT** allow children, pets or livestock to have access to treated seeds."*

*"**DO NOT** graze or feed livestock on treated areas for 45 days after planting."*

"Wear long pants, long-sleeved shirt, shoes, socks, and chemical-resistant gloves when opening this bag or loading/pouring the treated seed."

"After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the treated seed is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. 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, chemical-resistant gloves made of any waterproof material, and chemical-resistant footwear."

PRODUCT INFORMATION

Apply as a seed treatment using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection. Seed must be sound and well cured prior to treatment. Product must be diluted with sufficient water to ensure complete seed coverage. Consult a seed treatment specialist regarding slurry rates for the crop to be treated with this product.

When used in combination with other fungicides having a similar biological spectrum, this product will add to the systemic protection of the seed and seedling and improve control under high disease pressure.

PEANUTS

DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
Seed Decay (such as <i>Aspergillus</i> spp.) Seedling Blight (suppression of <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp.)	0.14 to 0.28 (0.005 - 0.01 lbs AI)
Seed borne <i>Sclerotinia</i> spp.	0.94 to 1.12 (0.033 - 0.04 lbs AI)

SOYBEANS

DISEASE	RATE			MG AI / SEED
	Fl. Oz. OF PRODUCT /			
	100 lb seed*	1000 seeds	140,000 seeds	
Seed Decay (such as <i>Phomopsis</i> spp., <i>Fusarium</i> spp.) Seedling Blight (soil borne <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp.)	0.14 to 0.28	0.0005 to 0.0010	0.065 to 0.130	0.008 to 0.015
This product contains 15,970 mg ai / fluid ounce.				
*Based on a standard number of 3000 seeds / lb (150,000 seeds / 50 lb bu)				
NOTE: To maintain mg ai / seed, adjust fluid ounces / 100 lb in proportion to the actual seeds / lb compared to the standard number of seeds / lb for that crop; fluid ounces per number of seeds (i.e., 1000, 140,000) does not need to be adjusted. For example if there are 2800 soybean seeds / lb and the targeted rate is 0.0075 mg ai / seed at a non-adjusted rate of 0.14 fl. oz / 100 lb. of seed, use: $(2800 + 3000) \times 0.14 = 0.13$ fl. oz / 100 lb of seed.				

DRY BEANS, SNAP BEANS

DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
Seed Decay (such as <i>Phomopsis</i> spp., <i>Fusarium</i> spp.) Seedling Blight (soilborne <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp.)	0.14 to 0.28 (0.005 - 0.01 lbs AI)

WHEAT

DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed)
Seed Decay (such as <i>Fusarium</i> spp.) Seedling Blight (soilborne <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp.)	0.14 to 0.28 (0.005 - 0.01 lbs AI)

POTATO SEED-PIECE TREATMENT: Use ST-METHYL540 FS to suppress potato seed-piece diseases cause by *Fusarium* (dry rot), *Rhizoctonia* (black scurf and stem canker), and *Helminthosporium solani* (silver scurf). LIBERTY TM 540 is not effective against systemic seed-piece infections or airborne (secondary) inoculum. Ensure that cut seed-pieces are thoroughly coated with LIBERTY TM 540 at the rate specified below. Thoroughly clean and sanitize cutting machines, knives, trays, tables, barrels, equipment, trucks and planters before cutting and planting seed-pieces. Consult your local extension specialist for detailed information about Silver Scurf treatments in your area.

POTATOES

DISEASE	RATE (Fl. Oz. / 100 lbs. of Seed Pieces)
Dry Rot (<i>Fusarium</i> spp.) Black Scurf and Stem Canker (<i>Rhizoctonia solani</i>) Silver Scurf (<i>Helminthosporium solani</i>)	0.5 to 0.7 (0.018 - 0.025 lbs AI)
<p>NOTE: For improved protection against the listed diseases that originate from surface infestations of potato seed pieces apply this product in combination with a product that is active on the targeted disease(s) and use a treatment following application to absorb liquid from the seed-piece. This product will not provide consistent control when used alone and is not active on existing systemic infections.</p>	

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a dry, temperature controlled, secure place.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used 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:

[[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements) **"NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container handling instructions below that apply to your container type / size."]

[Nonrefillable Containers 5 Gallons or Less)

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable containers larger than 5 gallons]

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Refillable containers]

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 refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of LIBERTY CROP PROTECTION, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold LIBERTY CROP PROTECTION, LLC and Seller harmless for any claims relating to such factors.

LIBERTY CROP PROTECTION, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or LIBERTY CROP PROTECTION, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LIBERTY CROP PROTECTION, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither LIBERTY CROP PROTECTION, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF LIBERTY CROP PROTECTION, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF LIBERTY CROP PROTECTION, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

LIBERTY CROP PROTECTION, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of LIBERTY CROP PROTECTION, LLC.

LIBERTY™ 540

Fungicide

ACTIVE INGREDIENT:

Thiophanate-methyl (Dimethyl [(1,2-phenylene)bis-(iminocarbonothioyl)]bis[Carbamate])* 46.2%

OTHER INGREDIENTS:..... 53.8%

TOTAL:**100.0%**

*Also known as Dimethyl 4,4'-o-phenylenebis[3-thioallophanate] Contains 4.5 pounds thiophanate-methyl per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION / PRECAUCION**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

EPA REG. NO.:89168-AL

EPA EST. NO.:

Net Contents: _____ Gallons (_____ L)

MANUFACTURED FOR

LIBERTY CROP PROTECTION LLC
4850 HAHNS PEAK DRIVE, SUITE 200
LOVELAND, CO 80538

011217

FIRST AID

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION / PRECAUCION

Causes moderate eye irritation. Harmful if swallowed or inhaled. Harmful if absorbed through skin. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers mixing, loading and applying the product as a dip (including application of product in Kaolinite clay to conifer seedling roots) must wear: • Coveralls over long-sleeved shirt and long pants, • Chemical-resistant gloves, • Chemical-resistant footwear plus socks, • Chemical-resistant apron

All other mixers and loaders and applicators must wear:

• Long-sleeved shirt and long pants, • Shoes plus socks, • Chemical-resistant gloves for all mixers and loaders and for applicators using hand held equipment, and • Chemical-resistant apron for mixers, loaders and other handlers exposed to the concentrate.

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 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.

ENGINEERING CONTROLS

When handlers use enclosed cabs 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

PHYSICAL / CHEMICAL HAZARDS

Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

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 by disposing of equipment washwater or rinsate.

Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

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) notification to workers and restricted-entry interval.

The requirements in this box 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 following restricted entry intervals (REI)

Check the Application Directions table for the correct REI for each crop. If the table does not list an REI for a particular crop the REI is 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 over long-sleeved shirt and long pants, • Chemical-resistant gloves made of any waterproof material, • Chemical-resistant footwear plus socks and • Chemical-resistant headgear for overhead exposure

PRODUCT INFORMATION

Apply this product with ground or aerial equipment, using sufficient volume of spray to provide thorough coverage. Continuous agitation is required to keep the material in suspension. Do not tank mix this product with highly alkaline pesticides, such as Bordeaux mixture or lime sulfur.

No claim of compatibility with other pesticides is implied. Use the higher rates under conditions of severe disease pressure. Also, see local State Extension Service instructions for application schedules.

Optimum disease control occurs when fungicides are applied in a preventative spray program prior to fungal infection. Some diseases are better controlled when several different MOA (Modes of Action) fungicides are tank-mixed for the application. Check your area University or Extension Recommendations Guide for specifics.

Use the fluid oz./acre rate for concentrate sprays (less than 400 gallons on apples, less than 300 gallons on stonefruit). Use the fluid oz./100 gal rate for dilute ground applications. For aerial applications, use a minimum of 3 gallons/A (5 gallons/A in California) for row crops, and a minimum of 10 gallons/A for tree crops. Higher spray volume will generally result in better coverage and better disease control.

Use on non-bearing apples, pecans, cherries, and peaches: Use this product for control of the leaf diseases listed on the label for these crops during the non-bearing years of new plantings, and on nursery stock. All use directions and limitations must be followed, except for the PHI, which is not applicable. Begin applications as disease is first observed. Tank mix with a protectant fungicide for resistance management.

Chemigation instructions follow. Do not apply through any irrigation system unless these instructions are followed.

Resistance Management: To avoid the development of tolerant or resistant strains of fungi, tank mix this product with a fungicide of different chemistry, and/or alternated with a fungicide of different chemistry at each application. If after using this product as specified in this label, the treatment is not effective, a tolerant or resistant strain of fungi is likely present. Discontinue the use of this product for at least one season. Do not use products containing thiabendazole or other products containing thiophanate-methyl as substitutes for this product, as they are of similar chemistry and will contribute to the development of resistance. As long as these precautions are followed, this product can be useful for disease control, even if resistant strains are present.

MIXING INSTRUCTIONS

Always start with a thoroughly clean spray tank and spray system before using this product. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Fill spray tank to half full, start agitation. Be sure to shake product container well before pouring to measure. Slowly pour required amount into spray tank, then finish filling tank with water, all the while maintaining agitation.

Tank mix this product with other pesticides to broaden spectrum of control. Using instructions above, add products in order of formulation type: dry flowables (DF), wettable powders (WP), and wettable dry granules (WDG) first; then flowables (F and SC); then emulsifiable concentrates (EC) last. As each product is added to the tank, be sure it is completely dispersed before adding any other product to the mix. Maintain agitation throughout mixing and application processes.

If there is any question as to the compatibility of the components, always perform a jar test with proportional amount of each product, using water from the actual use source.

Always read and follow label direction of all products. The most restrictive label language will apply. Do not mix more spray solution than you plan to apply that day.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

APPLICATION DIRECTIONS TABLES

Note: Dilute sprays are not to exceed maximum rate per acre

Almonds

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Brown rot - <i>Monilinia</i> sp. Blossom blight - <i>Monilinia</i> sp. Scab - <i>Cladosporium</i> sp. Jacket Rot - <i>Monilinia</i> , <i>Sclerotinia</i> , Leaf blight - <i>Botrytis</i> <i>Seimatosporium</i>	20 - 30 (0.7 - 1.05 lb ai/A)	Apply at pink bud and petal fall.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days. Do not apply more than 60 fl. oz. of product (2.1 lb ai) per acre per year Pre-harvest Interval: 1 day		

Apples

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	FLUID OZ./100 GAL	USE INFORMATION
Apple scab - <i>Venturia</i> sp. Black pox * - <i>Helminthosporium</i> <i>papulosum</i> Flyspeck - <i>Zygophiala</i> sp. Powdery mildew - <i>Podosphaera</i> sp. Sooty blotch - <i>Gloeodes</i> sp. Black rot - <i>Botryosphaeria</i> sp. Brooks fruit spot- <i>Mycosphaerella</i> sp. White rot *- <i>Botryosphaeria</i> sp.	15 - 20 (0.53 - 0.7 lb ai/A) (except CA) CA only: 30 (1.0 lb ai/A)	3.75 – 5 CA only: 7.5	Apply at 5- to 10-day intervals from green tip through petal fall; continue at 7- to 14-day intervals in cover sprays. Follow resistance management guidelines under Directions For Use.
PRE-HARVEST USE TO CONTROL POST-HARVEST DISEASES ON APPLES			
Storage rot blue Mold- <i>Penicillium expansum</i> Gray mold- <i>Botrytis cinerea</i> Bull's eye rot- <i>Neofabraea</i> spp.	1 (0.035 lb ai/A)	3.75 – 5	Apply as a pre-harvest spray within 2 weeks to 3 days of harvest. Thorough coverage of the fruit is required. Application closer to harvest may provide better efficacy. For resistance management, do not use a benzimidazole fungicide (i.e. Mertect) postharvest following a pre-harvest application of a product containing thiophanate-methyl. Application of a non- benzimidazole postharvest fungicide will provide additional protection from post-harvest diseases.

RESTRICTIONS:

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days.
 Do not apply more than 80 fl. oz. of product (2.8 lb ai) per acre per year.
 Pre-harvest Interval: 1 day * Not registered for use in California

Apricots

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	FLUID OZ./100 GAL	USE INFORMATION
Brown rot - <i>Monilinia</i> sp. Blossom blight- <i>Monilinia</i> sp. Fruit brown rot - <i>Monilinia</i> sp.	20 - 30 (0.7 – 1.0 lb ai/A) IN CA - Use 30 fl. Oz. (1.0 lb ai/A)	6.7 – 10	Apply at early bloom (red bud). Make a second application at full bloom. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest sprays.

RESTRICTIONS:

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days.
 Do not apply more than 80 fl. oz. of product (2.8 lb ai) per acre per year.
 Pre-harvest Interval: 1 day
 Follow resistance management guidelines under Directions for Use.

Beans, Dry and Succulent Including: Lima bean, Snap bean, Kidney bean, Mung bean, Navy bean, Pinto bean, Wax bean, Broad bean, Fava bean, Asparagus bean, Blackeyed pea, Cowpea, Sweet lupine, White lupine, White Sweet lupine, Grain lupine, Chick pea, Garbanzo bean.

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Gray mold- <i>Botrytis</i> sp. White mold- <i>Sclerotinia</i> sp. Anthracnose- <i>Colletotrichum</i>	30 - 40 (1.0 - 1.4 lb ai/A)	For one application: Apply when 100% of plants have at least one open bloom or when conditions are favorable for disease development.
	20 - 30 (0.7 - 1.0 lb ai/A)	For multiple applications: Make first application when 10%-30% of plants have at least one open bloom. Follow with additional applications at 4- to 7-day intervals. Apply prior to the development of disease for best results.

RESTRICTIONS:

For succulent beans, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 1 day.
 For dry beans, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days.
 Do not apply more than 80 fl. oz. of product (2.8 lb ai) per acre per year.
 Pre-harvest Interval –
 All States Except California: 14 days for succulent beans and lima beans; 28 days for dry beans
 California only: 14 days for succulent beans; 28 days for lima beans and dry beans

Cherries, sweet and sour

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	FLUID OZ./100 GAL	USE INFORMATION
Brown rot - <i>Monilinia</i> sp. Blossom blight- <i>Monilinia</i> sp. Fruit brown rot - <i>Monilinia</i> sp.	20 - 30 (0.7 – 1.0 lb ai/A) IN CA - Use 30 fl. Oz. (1.0 lb ai/A)	6.7 – 10	Apply at early bloom (red bud). Make a second application at full bloom. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest sprays.
Cherry leaf spot- <i>Coccomyces</i> sp.	22.5 - 30 (0.79 – 1.0 lb ai/A)	7.5 - 10	Apply at petal fall or before when leaves first unfold, and at first, second and third cover sprays at 10- to 14-day intervals and one spray 14 to 21 days after harvest.
Powdery mildew- <i>Podosphaera</i> sp., <i>Sphaerotheca</i> sp.	20-30 (0.7-1.0 lb ai/A) (In CA - use 30 fl. oz. or 1.0 lb ai/A) PLUS 22.5 - 30 fl. oz. (0.79 -1.0 lb ai/A)	6.7 – 10 PLUS 7.5 – 10	Apply at early bloom (early popcorn). Make a second application at full bloom. PLUS Apply at shuck fall and first cover.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days. Do not apply more than 80 fl. oz. of product (2.8 lb ai) per acre per year. Pre-harvest Interval: 1 day Follow resistance management guidelines under Directions for Use.			

Cucurbits: Cantaloupe, Casaba, Cucumbers, Melons, Pumpkins, Summer and winter squash, Watermelons

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Acrermonium/ Cephalosporium Hypocotyl rot	10 (0.35 lb ai/A)	Apply in-furrow, on top of the seeds at planting. Do not use less than 10 gallons of water per acre.
Anthracnose *- <i>Colletotrichum</i> sp. Gummy stem blight*- <i>Didymella</i> sp. Powdery mildew- <i>Erysiphe</i> sp., <i>Sphaerotheca</i> sp. Target spot *- <i>Corynespora</i> sp.	10 (0.35 lb ai/A) For ground or aerial applications	Begin applications when plants begin to run or when disease first appears, and repeat at 7-14 day intervals or as needed. For Target spot, use at 7-day intervals as needed.
Belly rots *- <i>Rhizoctonia/Fusarium</i> sp.	10 (0.35 lb ai/A)	Apply in sufficient volume to allow runoff to the soil. Will not control <i>Pythium</i> or <i>Phytophthora</i> .
Suppression of Vine decline- <i>Monosporascus cannonballus</i> Charcoal rot - <i>Macrophomina</i> sp.	10 (0.35 lb ai/A)	Apply through buried drip irrigation (chemigation) to the root zone. For disease suppression, apply at 14-day intervals,

		beginning at emergence and continuing to harvest. Applications weekly or biweekly, beginning 4-6 weeks prior to harvest will also offer suppression, but may not be as effective as a season-long program.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 1 day. Do not apply more than 60 fl. oz. product (2.1 lb ai) per acre per year from any combination of application timings. Pre-harvest Interval: 1 day. Follow resistance management guidelines under Directions for Use. * Not registered for use in California		

Garlic (Treatment for garlic cloves prior to planting)

DISEASES	FLUID OZ./100 GAL	USE INFORMATION
Penicillium clove rot	20	Completely immerse garlic cloves in suspension for at least 5 minutes. Continuously agitate the solution tank by hydraulic or mechanical means. After treatment, remove cloves from solution and drain over sand. Dry cloves after treatment and prior to planting.
RESTRICTIONS: Do not apply more than 40 fl. oz. of product (1.4 lb ai) per acre per year. * Not registered for use in California		

Nectarines

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	FLUID OZ./100 GAL	USE INFORMATION
Brown rot - <i>Monilinia</i> sp. Blossom blight- <i>Monilinia</i> sp. Fruit brown rot - <i>Monilinia</i> sp.	20 - 30 (0.7 – 1.0 lb ai/A) IN CA - Use 30 fl. Oz. (1.0 lb ai/A)	6.7 – 10	Apply at early bloom (pink bud). Make a second application at full bloom if conditions favor disease development. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest sprays.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days. Do not apply more than 80 fl. oz. of product (2.8 lb ai) per acre per year. Pre-harvest Interval: 1 day Follow resistance management guidelines under Directions for Use.			

Onions * Garlic (in-furrow)

DISEASES	FLUID OZ./ACRE	USE INFORMATION
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	(LB AI/ACRE)	
White rot- <i>Sclerotium cepivorum</i>	1 fl. oz./1000 ft. of row (with 12 inch row spacing) OR 40 fl. oz. (1.4 lb ai) per acre broadcast	Apply this product by spraying directly into the open furrow at the time of planting seed, sets or bulbs. Not for this use through any type of irrigation system.
RESTRICTIONS: Do not apply more than 40 fl. oz. of product (1.4 lb ai) per acre per year. *Not registered for use in California		

Peaches

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	FLUID OZ./100 GAL	USE INFORMATION
Brown rot - <i>Monilinia</i> sp. Blossom blight- <i>Monilinia</i> sp. Fruit brown rot - <i>Monilinia</i> sp.	20 - 30 (0.7 – 1.0 lb ai/A) IN CA - Use 30 fl. Oz. (1.0 lb ai/A)	6.7 – 10	Apply at early bloom (pink bud). Make a second application at full bloom if conditions favor disease development. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest sprays.
Peach scab- <i>Cladosporium</i> sp.	20 - 30 (0.7 - 1.0 lb ai/A) (In CA - use 30 fl. oz. or 1.0 lb ai/A) PLUS 22.5 - 30 (0.79 - 1.0 lb ai/A)	6.7 – 10 PLUS 7.5 – 10	Apply at early bloom (pink bud). Make a second application at full bloom if conditions favor disease development. PLUS Apply at shuck split and at first cover sprays.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days. Do not apply more than 80 fl. oz. of product (2.8 lb ai) per acre per year. Pre-harvest Interval: 1 day Follow resistance management guidelines under Directions for Use.			

Peanuts

DISEASES	FLUID OZ./ACRE	USE INFORMATION
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	(LB AI/ACRE)	
Early Leaf spot- <i>Cercospora</i> spp. Late Leaf Spot- <i>Cercosporidium</i> Spp. Rust Limb rot- <i>Puccinia</i> Web blotch- <i>Rhizoctonia Ascochyta</i>	10 (0.35 lb ai/A)	Begin applications 35 days after planting or when disease first appears and repeat at 14 day intervals as needed. Do not use this product alone. Use only in combination with another nonbenzimidazole fungicide. Follow resistance management guidelines under Directions for Use.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 1 day. Do not apply more than 40 fl. oz of product (1.4 lb ai) per acre per year. Pre-harvest interval: 14 days		

Pecans

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Scab- <i>Fusicladium</i> sp. Brown spot- <i>Cercospora</i> sp. Downy spot- <i>Mycosphaerella</i> sp. Powdery mildew- <i>Microsphaera</i> sp. Liver spot- <i>Gnomonia</i> sp. Stem End blight- <i>Botryosphaeria</i> sp. Zonate leaf spot- <i>Cristulariella</i> sp.	20 (0.7 lb ai/A)	Begin applications 35 days after planting or when disease first appears and repeat at 14 day intervals as needed. Do not use this product alone. Use only in combination with another nonbenzimidazole fungicide. Follow resistance management guidelines under Directions for Use.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days. Do not apply more than 60 fl. oz of product (2.1 lb ai) per acre per year. Pre-harvest interval: 1 day		

Pistachios

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Shoot blight- <i>Botrytis</i> sp., <i>Botryosphaeria</i> sp.	30 - 40 (1.0 – 1.4 lb ai/A)	Apply at bloom. Apply in a minimum of 100 gallons per acre by ground or 20 gallons per acre by air. For aerial application, fly over every row or center.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days. Do not apply more than 40 fl. oz of product (1.4 lb ai) per acre per year.		

Plums and Prunes

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	FLUID OZ./100 GAL	USE INFORMATION
Brown rot - <i>Monilinia</i> sp. Blossom blight- <i>Monilinia</i> sp. Fruit brown rot - <i>Monilinia</i> sp.	20 - 30 (0.7 – 1.0 lb ai/A) IN CA - Use 30 fl. Oz. (1.0 lb ai/A)	6.7 – 10	Apply at early bloom (green tip). Make a second application at full bloom. If needed under severe disease pressure, apply additional sprays at 10 to 14 day intervals after full bloom. Do not apply after shuck split.
Black knot- <i>Dibotryon</i> sp.	20 - 30 (0.7 – 1.0 lb ai/A) IN CA - Use 30 fl. Oz. (1.0 lb ai/A)	6.7 – 10	Apply at pre-bloom and petal fall. Do not apply after shuck split.
Leaf spot- <i>Coccomyces</i> sp.	20 - 30 (0.7 – 1.0 lb ai/A) IN CA - Use 30 fl. Oz. (1.0 lb ai/A)	6.7 – 10	Apply at petal fall and shuck split. Do not apply after shuck split. Nonbearing application: 1 spray 14 to 21 days after harvest.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days. Do not apply more than 80 fl. oz. of product (2.8 lb ai) per acre per year. Pre-harvest Interval: 1 day Follow resistance management guidelines under Directions for Use.			

Potatoes

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
White mold- <i>Sclerotinia sclerotiorum</i>	20 - 30 (0.7 - 1.0 lb ai/A)	Make first application just prior to row closure to full bloom of the primary flower clusters (prior to petal drop). Repeat the application within 7-14 days and at 7-14 day intervals if conditions for disease development are favorable. Thorough coverage of the lower stems and branches is essential for disease control. Use a minimum of 6 gallons/Acre for aerial application. Apply prior to disease development for best results. May be tank mixed with other fungicides labeled for early and late blight control.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days. Do not apply more than 80 fl. oz. of product (2.8 lb ai) per acre per year. Pre-harvest interval: 21 days.		

Soybeans

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Anthracnose- <i>Colletotrichum</i> sp. Brown spot- <i>Septoria</i> sp. Frogeye leaf spot- <i>Cercospora sojina</i> Pod and stem blight- <i>Diaporthe</i> sp. and the imperfect stage, <i>Phomopsis</i> sp. Purple seed stain- <i>Cercospora kikuchii</i>	10 - 20 (0.35 – 0.7 lb ai/A)	Apply from full bloom to when pods are 1/8" to ¼" in length. Make a second application 14 to 21 days later. Do not make the second application later than 14 days after pods average ¼" in length or when beans form in the pod. Use the high rate under severe disease pressure. For Seed Beans Only - For seed quality, make a single application at the high rate when beans form in the pod.
White mold- <i>Sclerotinia</i> sp.	15 - 20 (0.53 – 0.7 lb ai/A)	Make one application at early bloom (R-1 to R-2 stage) followed by a second application 7-14 days later if conditions are favorable for continued disease pressure. Use a minimum of 5 gallons by air.
Aerial blight- <i>Rhizoctonia solani</i> (suppression) Soybean rust- <i>Phakopsora pachyrhiza</i>	20 (0.7 lb ai/A)	Make initial application when disease threatens (before visual symptoms appear) and repeat 14-21 days later if needed. Tank mix with a DMI fungicide for soybean rust.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 1 day. Do not apply more than 40 fl. oz. (1.4 lb ai/A) per acre per year Do not make more than 2 applications per year. Do not graze or feed treated vines to livestock. Pre-harvest interval: 21 days		

Strawberries

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Fruit rot- <i>Botrytis</i> sp. Leaf blight- <i>Dendrophoma</i> sp. Leaf scorch- <i>Diplocarpon</i> sp. Powdery mildew- <i>Sphaerotheca</i> sp.	15 - 20 (0.53 – 0.7 lb ai/A)	Begin application at early bloom and continue at 7 to 10 day intervals. Use the higher rate East of the Rocky Mountains and under conditions of severe disease pressure.
Crown rot *- <i>Colletotrichum</i> spp. (Suppression only)	15 - 20 (0.53 – 0.7 lb ai/A)	Begin applications after establishment of the transplants and continue through bloom at 10 to 14 day intervals. Use the high rate if the fields have a history of <i>Colletotrichum</i> crown rot and/or conditions are favorable for disease development. Will not control <i>Phytophthora</i> species.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 1 day. Do not apply more than 80 fl. oz. (2.8 lb ai/A) per acre per year Pre-harvest interval: 21 days		

*Not registered for use in California

Sugarbeets

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Cercospora leaf spot- <i>Cercospora</i> sp.	10 - 20 (0.35 – 0.7 lb ai/A) (In CA - use 10 fl. oz. or 0.35 lb ai/A)	Apply when conditions become favorable for disease development before the disease appears and follow with a nonbenzimidazole fungicide within 14 days of application or as needed. This product should be tank mixed with a protectant fungicide such as Agri Tin when resistant strains of <i>Cercospora</i> are present in the field. For areas east of the Rocky Mountains: Do not make more than one application of this product per season for Cercospora leaf spot.
Powdery mildew- <i>Erysiphe</i> sp.	10 - 20 (0.35 – 0.7 lb ai/A)	Apply as soon as disease symptoms appear and follow with a non-benzimidazole fungicide at 14-day intervals or as needed.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 1 day. Do not apply more than 60 fl. oz. (2.1 lb ai/A) per acre per year Pre-harvest interval: 21 days		

Triticale and Fall-Seeded Wheat (Idaho, Oregon and Washington Only)

DISEASES	FLUID OZ./ACRE (LB AI/ACRE)	USE INFORMATION
Strawbreaker (Foot rot or Eye spot) <i>Pseudocercospora</i> sp.	20 (0.7 lb ai/A)	Apply this product at the rate indicated in a single application by air or ground after tillering but before stem elongation has begun. Use sufficient water to obtain thorough coverage.
RESTRICTIONS: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 1 day. Do not apply more than 20 fl. oz. of product (0.7 lb ai) per acre per year Do not make more than one application per season. Do not cut for hay within 90 days of application. Do not allow livestock to graze in treated areas before harvest.		

DIRECTIONS FOR USE THROUGH CHEMIGATION SYSTEMS

USE IN CALIFORNIA BY CHEMIGATION ONLY FOR BEANS, CUCURBITS (CUCUMBERS, MELONS, PUMPKINS, SQUASH), PEANUTS, SOYBEANS, AND STRAWBERRIES

Chemigation Information

Apply this product only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move, or drip (mini-micro sprinklers, strip tubing, trickle) irrigation systems. 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.

If you have any questions about calibration, contact the State Extension Service specialists, equipment manufacturers or other experts.

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 adjustments should the need arise.

Do not connect chemigation system to any public water system. Public water system means a system for the provision of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

System Requirements

System utilizing a pressurized water and pesticide injection system must meet the following requirements:

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 backflow. 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 also 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.

System 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.

Application Instructions

Observe the requirements in the System Requirements section above.

Apply this product only through systems containing anti-siphon and check valves designed to prevent water source contamination or overflow of the mix tank and containing interlocking controls between the metering device and the water pump to ensure simultaneous shut-off. Maintain a gentle continuous agitation in mix tank during mixing and application to assure a uniform suspension.

Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute suspension per unit time.

Application of more than specified quantities of irrigation water per acre will decrease product performance.

Do not apply when wind speed favors drift, when system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product cannot be flushed and must be dismantled and drained. In a center pivot system, block the nozzle set nearest the well/pivot/injection unit to prevent spray being applied to this area.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water.

Apply this product in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, causes a degradation of the pesticide, resulting in reduced performance and should be avoided.

Spray Preparation

Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

Prepare a suspension of this product in a mix tank. Fill the tank with $\frac{1}{2}$ or $\frac{3}{4}$ the desired amount of water. Start mechanical or hydraulic agitation.

Slowly add the required amount of this product and then the remaining volume of water.

Sprinkler Irrigation – Notes:

Observe all System Requirements and application instructions above.

Set sprinkler system to deliver 0.1 to 0.25 inches of water per acre. Volume of water higher than this reduces efficacy. Start sprinkler and then uniformly inject the suspension of this product into the irrigation water line so as to deliver the desired rate per acre. Inject the suspension of this product with a positive displacement pump into the main line ahead of a right angle turn to ensure adequate mixing. When treatment with this product has been completed, do not irrigate the treated area for 24 to 48 hours to prevent washing the chemical off the crop.

Do not apply when wind speed favors drift beyond the area intended for treatment. Where sprinkler distribution patterns do not overlap sufficiently, unacceptable disease control is a result. Check local restrictions and requirements regarding sprinkler irrigation application, as they vary from state to state.

Drip (mini-micro Sprinklers, Strip Tubing, Trickle) Irrigation-Notes:

Observe all system requirements and application instructions above. Use a pesticide supply tank.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a dry, temperature controlled, secure place.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used 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:

Nonrefillable Containers 5 Gallons or Less

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

Nonrefillable Containers Larger than 5 Gallons

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

Refillable containers

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 refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of LIBERTY CROP PROTECTION, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold LIBERTY CROP PROTECTION, LLC and Seller harmless for any claims relating to such factors.

LIBERTY CROP PROTECTION, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or LIBERTY CROP PROTECTION, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LIBERTY CROP PROTECTION, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

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