ACTIVE INGREDIENTS:
Mancozeb: A coordination product of zinc ion and manganese ethylene bisdithiocarbamate . . . . . . . . . 75.0%
In which the ingredients are:
Manganese++ . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  . . . 15.00%
Zinc++  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1.9%
Ethylene bisdithiocarbamate ion (C₄H₆N₂S₄)  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 58.1%
OTHER INGREDIENTS:  . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  25.0%
TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

EPA REG. NO. 34704-1063
EPA EST. NO. 70506-COL-001
NET CONTENTS 30 LBS (13.61 KG)

FORMULATED FOR
LOVELAND PRODUCTS, INC®, P.O. BOX 1286, GREELEY, COLORADO 80632-1286
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

• Harmful if absorbed through skin
• Causes moderate eye irritation
• Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals

Avoid contact with skin, eyes, or clothing. Wash 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are nitrile rubber, natural rubber, or butyl rubber. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

MIXERS, LOADERS, APPLICATORS AND OTHER HANDLERS MUST WEAR:

• Long-sleeved shirt,
• Long pants,
• Shoes and socks,
• Chemical-resistant gloves made of any waterproof material.

See engineering controls for additional requirements.

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

Enclosed Cockpits:

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)(4-6)].

Mechanical Flagging Engineering Controls: Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

USER SAFETY RECOMMENDATIONS

Users should:

• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying. 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.
When applied by hand sprayers, 1.0 pound of this product per 100 gallons is recommended for proper application, determine the number of acres to be treated, the required label use rate and the volume to be applied per acre. Prepare only the amount of spray solution required to treat the measured acreage.

Careful calibration of spray equipment is recommended prior to use.

When applied by hand sprayers, 1.0 pound of this product per 100 gallons per acre is equivalent to 1 level tablespoon per gallon spray solution.

Mixing Procedures
Slowly place into spray tank as it is being filled or thoroughly premix in a nurse tank for concentrate or aircraft sprayers. Add other co-applied fungicides, insecticides, growth regulators, micronutrients after this product has been placed into suspension.

When preparing spray solutions for use in a hand sprayer, premix as a slurry in a small container, and then add to sprayer containing 1/3 to 1/2 the desired final water volume.

Compatibility
This product is compatible with most commonly used agricultural fungicides, insecticides and growth regulators. When preparing tank mixes, user should consult spray compatibility charts or State Cooperative Extension Service Specialists prior to actual use.

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

Wind Speed
Do not apply at wind speeds greater than 15 mph.

Temperature Inversions
If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements
Applicators must follow all state and local pesticide drift requirements regarding application of mancozeb. Where states have more stringent regulations, they must be observed.

Equipment
All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:
- The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety.
- Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirements for ground boom application:
- Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Application
Ground: Thorough coverage foliar sprays generally result in optimum disease control. To achieve good coverage use proper spray pressure, volume of spray mixture per acre, nozzles (generally hollow cone), disc (generally D-5 to D-7), nozzle spacing, and tractor speed. Consult spray nozzle and accessory catalogs for specific information on proper equipment calibration.

Hand Sprayers: Thoroughly spray plant foliage until runoff.
**Aerial:** A uniform initial spray deposit generally results in optimum disease control. Each aircraft should be prescreened for droplet size, uniformity of spray pattern, swath width, and spray volume. During aerial application, human flaggers are prohibited.

**Nozzle selection:** Hollow cone brass nozzles with a D-series orifice disc and core (whiplate) are recommended. Nozzles should point straight down or slightly backward.

**Swath width:** For most field and vegetable crops, swaths just beyond the wingspan of 36 to 40 feet for light aircraft and up to 45 feet for heavier aircraft are suggested. Optimum swath for helicopters is usually 5 to 10 feet beyond normal boom length.

**Spray volume:** Aerial applications are to be made in a minimum of two (2.0) gallons of water per acre. On vegetable and field crops, 2.0 to 3.0 gallons of spray per acre are generally optimum; orchards and vineyards can be handled with spray volumes of 5.0 gallons per acre. Some tall or dense foliage crops requiring greater penetration to the lower leaf surface will require higher spray volumes.

**Do not use less than 5.0 gallons per acre in California.**

**Altitude:** For most crops, the spray boom should be positioned in 5 to 10 feet above the crop canopy.

**Flagging:** Swaths should be marked at the end of the field with permanent flags. Swaths should be measured accurately with a chain or other device except when rows can be accurately counted.

**Chemigation Use Directions**

**Sprinkler Irrigation:** This product must be applied on a regular protective fungicide schedule, not an irrigation schedule. If irrigation cycles are less frequent than recommended application intervals for this product, ground or aerial applications must supplement chemigation applications to achieve adequate disease control.

**Product Requirements**

- Apply this product only through sprinkler irrigation systems including center-pivot, lateral move, end tow, side (wheel) roll, traveler, solid set, or hand move irrigation systems. Do not apply product through any other type of irrigation system.
- Lack of fungicidal effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialist, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water system 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 adjustments that should the need arise.

**Specific Chemigation Equipment Requirements**

Before applying this product through sprinkler irrigation equipment, the chemigation system must meet the following specifications:

- Public water systems are systems for the provision to the public 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.
- Chemigation systems connected to public water systems must contain a functional reduced-pressure zone (RPZ), backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- Systems not connected to a public water supply must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located in 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 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 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.

**Center-Pivot, Lateral Move, End Tow, and Traveler Irrigation Equipment** (use only with electric or oil hydraulic drive systems that provide a uniform water distribution):

- Determine size of area to be treated.
- Determine the time required to apply no more than 0.25 inch water (6750 gallons water per acre) over the area to be treated when the system and injection equipment are operated at normal pressures recommended by the equipment manufacturer. Run system at 80% to 95% of manufacturer’s rated capacity.
- Using only water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of this product required for treatment area.
- Add the required amount of this product and sufficient water to meet the injection time requirements of the solution tank.
- Maintain constant solution tank agitation during the injection period.
- Stop injection equipment after treatment is completed. Continue to operate the system until the solution of this product has cleared the sprinkler head.

**Solid-Set, Side (Wheel) Roll, and Hand Move Irrigation Equipment:**

- Determine acreage covered by sprinkler.
- Fill injector solution tank with water and adjust flow rate to use contents over a 10- to 30-minute interval.
- Determine the amount of this product required for treatment area.
• Add the required amount of this product into the same quantity of water used
to calibrate the injection equipment.
• Maintain constant solution tank agitation during the injection period.
• Operate system at normal pressures recommended by the manufacturer of the
injection equipment and used for the time interval established during
 calibration.
• Inject this product at the end of the irrigation cycle or as a separate application
to maximize foliar fungicide retention.
• Stop injection equipment after treatment is completed. Continue to operate
the system until the solution of this product has cleared the last sprinkler head.

Disease Monitoring
This product is a broad-spectrum, protectant fungicide. If not applied on a rou-
tine protectant spray schedule, crops should be scouted on a weekly basis. Apply
fungicide at the required label use rate and spray schedule, at the first sign of dis-
ease, report of disease in the area, or during environmental conditions favorable
for disease development.

Restrictions
Users must carefully read, understand, and follow all use restrictions prior to
using this product.

Foliar Applications
Where EBDC Products Are Used That Allow the Same Maximum Poundage of
Active Ingredient Per Acre Per Season: If more than one product containing an
EBDC active ingredient (maneb, mancozeb, or metiram) is used on a crop during
the same growing season and the EBDC products used allow the same maximum
poundage of active ingredient per acre per season, then the total poundage of all
such EBDC products used must not exceed any one of the specified individual
EBDC product maximum seasonal poundage of active ingredient allowed per acre.

Where EBDC Products Are Used That Allow Different Maximum Poundage of
Active Ingredient Per Acre Per Season: If more than one product containing an
EBDC active ingredient is used on a crop during the same growing season and
the EBDC products used allow different maximum poundage of active ingredient
per acre per season, then the total poundage of all such EBDC products used
must not exceed the lowest specified individual EBDC product maximum season-
al poundage of active ingredient allowed per acre.

Seed Treatment
In addition to the maximum number of foliar applications permitted by the for-
mula stated above, a single application for seed treatment may be made on crops,
which have registered seed treatment uses.

Pome Fruits
Use either the Pre-Bloom/Bloom Use or Extended Application schedule. Do not combine or integrate the two treatment schedules. It is recommended that this prod-
uct be used in an Integrated Pest Management Program (IPM).

<table>
<thead>
<tr>
<th>Crop</th>
<th>Diseases Controlled</th>
<th>Product Rate per Application (Lb/Acre)</th>
<th>Remarks (Also Refer to Directions for Use)</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apples</td>
<td>Fabraea leaf spot</td>
<td>6.0†</td>
<td>Pre-Bloom/Bloom Use: Begin applications at 0.25- to 0.50-inch green tip and continue on a 7- to 10-day schedule through bloom. Do not combine or integrate the prebloom application schedule with the post-bloom &quot;extended application&quot; schedule. Do not apply more than 6.0 lb (4.5 lb AI)/A/application. Do not apply after bloom. Do not apply more than 24.0 lb (18.0 lb AI)/A/year. Do not graze livestock in treated areas.</td>
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<tr>
<td>Crabapples</td>
<td>Ruts</td>
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<tr>
<td>Pears</td>
<td>Scab</td>
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<td>Quince</td>
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<td></td>
<td></td>
<td>3.0†</td>
<td>Extended Application Schedule for Use in Tank Mixtures with Systemic Fungicides: For implementation of IPM programs, applications based on tree-row volume, or for use as a resistance management tool, begin applications at 0.25- to 0.50-inch green tip and continue applications on a 7- to 10-day schedule through the second cover spray or to within 77 days of harvest. Do not combine or integrate the prebloom application schedule with the post-bloom &quot;extended application&quot; schedule. PHI: Do not apply within 77 days of harvest. Do not apply more than 3.0 lb (2.25 lb AI)/A/application. Do not apply more than 21.0 lb (15.75 lb AI)/A/year. Do not graze livestock in treated areas.</td>
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</tbody>
</table>

† Maximum per acre use rate based on thorough coverage dilute sprays.
### Fruits

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<tr>
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</thead>
<tbody>
<tr>
<td>Atemoya</td>
<td>Anthracnose</td>
<td>2.0 to 2.5</td>
<td>Begin applications at flowering and continue at a 7-day re-treatment interval. Applications made with aerial equipment must be made in a minimum spray volume of 10.0 gal/A.</td>
<td>PHI: Applications may be made up to the day of harvest. Do not apply more than 35.0 lb (26.25 lb AI)/A/yr. Do not make more than 14 applications/yr.</td>
</tr>
<tr>
<td>Cherimoya</td>
<td>Sigatoka</td>
<td>2.0 to 3.0</td>
<td>Apply when leaves first appear and repeat every 14 to 21 days or as required. Use sufficient water to provide adequate coverage. The addition of a surfactant to spray solutions will improve performance.</td>
<td>PHI: Applications may be made up to the day of harvest. Do not apply more than 30.0 lb (22.5 lb AI)/A/growing cycle.</td>
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<tr>
<td>Custard apple</td>
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<td>Sugar apple</td>
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<td>Sweettop</td>
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<tr>
<td>Bananas (including plantain)</td>
<td>Sigatoka</td>
<td>2.0 to 3.0</td>
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<tr>
<td>Cranberries</td>
<td>Fruit rot</td>
<td>3.0 to 6.0</td>
<td>Start applications at early-bloom and repeat at 7- to 10-day intervals as required.</td>
<td>PHI: Do not apply within 30 days of harvest. Do not apply more than 18.0 lb (13.5 lb AI)/A/season.</td>
</tr>
<tr>
<td>Canisteri</td>
<td>Anthracnose, Black spot</td>
<td>2.0 to 2.5</td>
<td>Begin applications at flowering and continue at 14- to 21-day intervals. Direct spray to crown and blossom area. Use 20.0 to 100 gal water/A.</td>
<td>PHI: Applications may be made up to the day of harvest. Do not apply more than 37.3 lb (28.0 lb AI)/A/yr. Do not make more than 14 applications/yr.</td>
</tr>
<tr>
<td>Mamey sapote</td>
<td>Anthracnose, Black spot (cerospora) Phytophthora fruit rot</td>
<td>2.0 to 2.5</td>
<td>Begin applications at flowering and continue at 14- to 21-day intervals. Direct spray to crown and blossom area. Use 20.0 to 100 gal water/A.</td>
<td>PHI: Applications may be made up to the day of harvest. Do not apply more than 37.3 lb (28.0 lb AI)/A/yr. Do not make more than 14 applications/yr.</td>
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<tr>
<td>Mango</td>
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<tr>
<td>Sapodilla</td>
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<tr>
<td>Star apple (caimito)</td>
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<tr>
<td>White sapote</td>
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<tr>
<td>Grapes</td>
<td>Black rot</td>
<td>1.5 to 2.5</td>
<td>Apply in sufficient water to provide thorough coverage starting when new shoots are 0.5 to 1.5 inches long. Repeat when shoots are 3 to 5 inches long, when shoots are 8 to 10 inches long, and then at 7- to 10-day intervals until fruit is set. For late season control of Black rot, Phomopsis and Downy mildew, the use of other approved and recommended fungicides is suggested.</td>
<td>PHI: In California, do not apply after bloom. In other areas, do not apply within 66 days of harvest. West of the Rocky Mountains: Do not apply more than 7.5 lb (5.6 lb AI)/A/season. East of the Rocky Mountains: Do not apply more than 24.0 lb (18.0 lb AI)/A/season.</td>
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<td></td>
<td>Bunch rot Downy mildew Phomopsis</td>
<td>1.5 to 4.0</td>
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<tr>
<td>Papayas</td>
<td>Anthracnose Phytophthora fruit rot</td>
<td>2.0 to 2.5</td>
<td>Use minimum 50.0 gal water/A. Start applications at flowering and continue at 14- to 21-day intervals. Direct spray to crown and blossom area.</td>
<td>PHI: Applications may be made up to the day of harvest. Do not apply more than 37.0 lb (28.0 lb AI)/A/yr. Do not make more than 14 applications/yr.</td>
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<tr>
<td>Plantain</td>
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</table>

### Vegetables

<table>
<thead>
<tr>
<th>Crop</th>
<th>Diseases Controlled</th>
<th>Product Rate per Application (Lb/Acre)</th>
<th>Remarks (Also Refer to Directions for Use)</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asparagus</td>
<td>Cercospora leaf spot Rust</td>
<td>2.0</td>
<td>Start applications when rust first appears and repeat at 10-day intervals. Four applications are usually sufficient.</td>
<td>PHI: Do not apply within 120 days of harvest in California and Arizona, or within 180 days in all other states. Apply only on Asparagus firms after spears have been harvested. Do not apply more than 8.0 lb (6.0 lb AI)/A/season.</td>
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<tr>
<td>Crop</td>
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<tr>
<td>Broccoli</td>
<td>Alternaria leaf spot</td>
<td>2.0</td>
<td>In plant beds or direct-seeded fields, apply 7 to 10 days after planting or earlier if disease is present. If field application, apply as soon as disease is present and reaply as needed on a 7- to 10-day schedule.</td>
<td>Do not apply more than 12.8 lb of product (9.6 lb AI/A). Preharvest Interval: Do not apply within 7 days of harvest. Do not apply this product with a U-boom device. Minimum Retreatment Interval: 7 days.</td>
</tr>
<tr>
<td>Cabbage</td>
<td>Common rust Helminthosporium leaf blight</td>
<td>1.5</td>
<td>Use sufficient water for thorough coverage. Start applications when disease first appears and repeat at 4- to 7-day intervals.</td>
<td>Refer to Broccoli</td>
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<tr>
<td>Corn (sweet corn for fresh use or processing; popcorn; and sweet corn for seed production, including hybrid seed)</td>
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<td></td>
<td>Refer to Broccoli</td>
</tr>
<tr>
<td>Cucurbit crop group: Cantaloupes</td>
<td>Alternaria leaf spot Anthracnose</td>
<td>2.0 to 3.0</td>
<td>Begin applications when plants are in the two-leaf stage and repeat at 7- to 10-day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower leaf surfaces. Some Cantaloupe varieties (i.e. Harvest queen, Gold star, Super star, Sweet and Early, and Saticoy) are sensitive to this product. Applications made with aerial equipment must be made in a minimum spray volume of 2.0 gal/A. Consult State Cooperative Extension Service Specialist prior to use.</td>
<td>PHI: Do not apply within 5 days of harvest. Do not apply more than 25.6 lb (19.2 lb AI/A)/yr. Do not make more than 8 applications/yr.</td>
</tr>
<tr>
<td>Lettuce</td>
<td>Alternaria blight</td>
<td>2.0</td>
<td>Begin applications when disease first threatens and repeat every 7 to 10 days as needed. In Wisconsin, apply with ground equipment and a minimum of 80.0 gal/A of water.</td>
<td>PHI: Do not apply within 30 days of harvest. Do not apply more than 24.0 lb (18.0 lb AI/A)/yr. Do not make more than 12 applications/yr.</td>
</tr>
<tr>
<td>Squash</td>
<td>Downy mildew</td>
<td>2.0</td>
<td>Begin applications when disease appears and reaply on a 7- to 10-day treatment schedule.</td>
<td>In California, do not apply more than 8.5 lb of product (6.4 lb AI)/A and do not apply within 14 days of harvest. In states other than California, do not apply more than 12.5 lb of product (9.6 lb AI)/A and do not apply within 10 days of harvest. Do not apply this product with a U-boom device. Minimum Retreatment Interval: 7 days.</td>
</tr>
<tr>
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<tr>
<td>Onions (dry bulb)</td>
<td>Botrytis leaf blight</td>
<td>3.0</td>
<td>Follow a protective spray schedule starting when diseases are first reported in the area and repeat at 7-day intervals throughout the season. Do not apply within 7 days of harvest.</td>
<td>PHI: Do not apply within 7 days of harvest. Do not apply more than 30.0 lb (22.5 lb AI)/A/crop. Do not apply to exposed bulb.</td>
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<tr>
<td>Onions</td>
<td>Downy mildew</td>
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<tr>
<td></td>
<td>Neck rot</td>
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<td></td>
<td>Purple blotch</td>
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<td></td>
<td>Rust</td>
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<tr>
<td>Shallots</td>
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<tr>
<td>Onions</td>
<td>Purple blotch</td>
<td>3.0</td>
<td>Apply 3.0 lb per acre as a furrow drench at time of planting onion seeds. Use 75.0 to 125 gal water/A.</td>
<td>Do not use more than 3.0 lb (2.25 lb AI)/A (29,000 linear ft of furrow) with an 18-inch row spacing. Do not use in California.</td>
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<tr>
<td>(furrow drench)</td>
<td>Damping-off</td>
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<td>Garlic</td>
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<tr>
<td>Garlic</td>
<td>Downy mildew</td>
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<tr>
<td>Shallots</td>
<td></td>
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<td></td>
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<tr>
<td>Shallots</td>
<td>Purple blotch</td>
<td>2.0</td>
<td>Begin application when disease appears and reapply on a 7- to 10-day spray schedule.</td>
<td>West of the Mississippi River, do not apply more than 12.8 lb of product (9.6 lb AI)/A and do not apply within 7 days of harvest. East of the Mississippi River, do not apply more than 18.2 lb of product (14.4 lb AI)/A and do not apply within 7 days of harvest. Do not apply this product with a U-boom device. Minimum Retreatment Interval: 7 days.</td>
</tr>
<tr>
<td>Peppers</td>
<td>Anthracnose</td>
<td>2.0</td>
<td></td>
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<tr>
<td></td>
<td>Early blight</td>
<td></td>
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<tr>
<td></td>
<td>Phomopsis blight or fruit rot</td>
<td>3.0</td>
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<tr>
<td></td>
<td>(east of the Mississippi River)</td>
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<tr>
<td>Peppers</td>
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<td>Peppers</td>
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<tr>
<td>Peppers</td>
<td>Anthracnose</td>
<td>3.0</td>
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<tr>
<td></td>
<td>(west of the Mississippi River)</td>
<td></td>
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<td></td>
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<tr>
<td>Peppers</td>
<td>Early blight</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potatoes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potatoes</td>
<td>Early blight</td>
<td>1.0 to 2.0</td>
<td>Begin applications when plants are 4 to 6 inches high by applying 0.5 to 1.0 lb/A. As the vines increase in size, apply 1.5 to 2.0 lb/A at 5- to 10-day intervals or apply 0.75 to 1.0 lb/A at 3- to 5-day intervals. It is recommended that this product be used within an Integrated Pest Management Program. Also, vine kill should occur 14 days before harvest.</td>
<td>PHI: Do not apply within 3 days of harvest in Connecticut, Florida, Maine, Massachusetts, New Hampshire, New York, Ohio, Pennsylvania, Vermont, and Wisconsin and at least 14 days elsewhere. Do not apply more than 15.0 lb (11.2 lb AI)/A/crop.</td>
</tr>
<tr>
<td>Potatoes</td>
<td>Late blight</td>
<td></td>
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<tr>
<td>Potatoes</td>
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<td></td>
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<td></td>
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<tr>
<td>Crop</td>
<td>Diseases Controlled</td>
<td>Product Rate per Application (Lb/Acre)</td>
<td>Remarks (Also Refer to Directions for Use)</td>
<td>Restrictions</td>
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<td>-----------------------------</td>
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<tr>
<td>Potato</td>
<td>Fusarium decay</td>
<td>See Remarks</td>
<td>Dip whole or cut Potato tubers in 1.25 lb of product per 50.0 gal of water.</td>
<td>Do not use treated seed Potatoes for food or feed purposes.</td>
</tr>
<tr>
<td></td>
<td>Late blight</td>
<td></td>
<td>Place treated tubers in a clean container following treatment and plant as soon as possible. Spread treated seed pieces in a cool place if held before planting.</td>
<td>Seed pieces that have been treated with this product that are then packaged or bagged for future use must be colored with an EPA-approved dye to impart an unnatural color and must contain the following labeling on the outside of the seed piece package or bag: “Treated Seed Pieces: Seed pieces have been treated with the fungicide mancozeb. When opening this bag or loading/pouring the treated seed pieces, wear long-sleeved shirt, long pants, shoes, socks, chemical resistant gloves, and a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any R, P, or HE filter. Do Not Use for Food, Feed, or Oil Purposes. After the seed pieces have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. Exception: “Once the seed pieces are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.”</td>
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<tr>
<td></td>
<td>Seedborne common scab</td>
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<td></td>
<td>Rhizoctonia shoot blight</td>
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<td></td>
<td>Silver scurf</td>
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<tr>
<td>Tomatoes</td>
<td>Anthracnose</td>
<td>0.75 to 1.0</td>
<td>Start application when seedlings are set. Repeat at 3- to 7-day intervals throughout the season.</td>
<td>PHI: Do not apply within 6 days of harvest.</td>
</tr>
<tr>
<td></td>
<td>Early blight</td>
<td>0.75 to 1.5</td>
<td></td>
<td>West of the Mississippi River, do not apply more than 8.5 lb (6.4 lb AI)/A/crop.</td>
</tr>
<tr>
<td></td>
<td>Gray leaf spot</td>
<td>0.75 to 1.5</td>
<td></td>
<td>East of the Mississippi River, do not apply more than 22.4 lb (16.8 lb AI)/A/crop.</td>
</tr>
<tr>
<td></td>
<td>Leaf mold</td>
<td>1.5 to 2.0</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Septoria leaf spot</td>
<td>1.5 to 2.0</td>
<td></td>
<td></td>
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<tr>
<td>Bacterial speck and spot</td>
<td></td>
<td>1.5 to 3.0</td>
<td></td>
<td>East of the Mississippi River, do not apply more than 22.4 lb (16.8 lb AI)/A/crop.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.5 to 3.0</td>
<td></td>
<td>West of the Mississippi River, do not apply more than 8.5 lb (6.4 lb AI)/A/crop.</td>
</tr>
</tbody>
</table>
### Field Crops

<table>
<thead>
<tr>
<th>Crop</th>
<th>Diseases Controlled</th>
<th>Product Rate per Application (Lb/Acre)</th>
<th>Remarks (Also Refer to Directions for Use)</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley</td>
<td>Refer to Wheat</td>
<td></td>
<td></td>
<td>PH: Do not apply after Feekes Growth Stage 10.5 (typically 35 to 45 days), but no less than 26 days before harvest.</td>
</tr>
<tr>
<td>Hybrid seed corn</td>
<td>Common corn rust</td>
<td>1.5</td>
<td>Start applications when disease symptoms first appear and, depending on severity of infection, continue on a 4- to 7-day interval.</td>
<td>PH: Do not apply within 40 days of harvest. Do not use more than 15.0 lb (11.25 lb AI)/A/crop. Do not feed treated forage to livestock.</td>
</tr>
<tr>
<td>Oats</td>
<td>Refer to Wheat</td>
<td></td>
<td></td>
<td>PH: Do not apply after Feekes Growth Stage 10.5 (typically 35 to 45 days), but no less than 26 days before harvest.</td>
</tr>
<tr>
<td>Peanuts</td>
<td>Cercospora leaf spot</td>
<td>1.0 to 2.0</td>
<td>Start applications when disease first appears or is reported in area. Repeat sprays at 7- to 14-day intervals. Reduce sprays to a 7-day interval during humid weather.</td>
<td>PH: Do not apply within 14 days of harvest. Do not use more than 16.0 lb (12.0 lb AI)/A/crop. Do not feed treated vines to livestock.</td>
</tr>
<tr>
<td>Rye</td>
<td>Refer to Wheat</td>
<td></td>
<td></td>
<td>PH: Do not apply after Feekes Growth Stage 10.5 (typically 35 to 45 days), but no less than 26 days before harvest.</td>
</tr>
<tr>
<td>Sugar beets</td>
<td>Cercospora leaf spot</td>
<td>1.5 to 2.0</td>
<td>Start applications when disease first threatens and repeat every 7 to 10 days as needed. The addition of a surfactant to spray solutions will improve performance.</td>
<td>PH: Do not apply within 14 days of harvest. Do not use more than 14.0 lbs (10.5 lb AI)/A/season. Do not feed treated Sugar beet tops to livestock.</td>
</tr>
<tr>
<td>Wheat</td>
<td>Helminthosporium leaf spot</td>
<td>2.0</td>
<td>Start applications at onset of disease or when plants are in the tillering to jointing stage and repeat at 7- to 10-day intervals.</td>
<td>PH: Do not apply after Feekes Growth Stage 10.5 (typically 35 to 45 days) but no less than 26 days before harvest. Do not graze livestock in treated areas prior to harvest. Do not apply more than 6.0 lb (4.5 lb AI)/A/crop.</td>
</tr>
</tbody>
</table>

### Miscellaneous

<table>
<thead>
<tr>
<th>Crop</th>
<th>Diseases Controlled</th>
<th>Product Rate per Application (Lb/Acre)</th>
<th>Remarks (Also Refer to Directions for Use)</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almonds</td>
<td>Blossom blight (Monilinia spp)</td>
<td>6.4</td>
<td>Begin application at dormant to popcorn stage, fall bloom or petal fall. Heavily every 7 to 10 days if bloom is staggered and weather is rainy. Do not use less than 10.0 gal of spray volume/A if aerially applied.</td>
<td>RESTRICTIONS: Do not apply more than 19.2 lb of product (14.4 lb AI)/A. Do not make last application later than 5 weeks after petal fall. Do not graze treated livestock. Do not apply this product with a U-boom device. Minimum Retreatment Interval: 7 days.</td>
</tr>
</tbody>
</table>
Crop Rate

Asparagus crowns

Crop Diseases Controlled (Lb/Acre) (Also Refer to Directions for Use)

Asparagus crowns

Crop control: 1.0 lb/100 gal

Remarks

Place loosely packed crowns into a burlap bag and soak, with gentle agitation, in fungicide solution for 5 minutes. Remove bag, drain well, and plant crowns as soon as possible. A tank large enough to hold a single burlap bag will treat 2 bags of crowns. Clean dipping suspension should then be prepared in a clean tank. Dilly crowns should be pre-washed to remove excess soil.

Caprifig

Crop Diseases Controlled (Lb/Acre) (Also Refer to Directions for Use)

Caprifig

Crop control: 4.0 lb/100 gal

Remarks

Prepare Mamme figs by making a shallow cut through the eye and then hand dividing to avoid wasp injury. Submerge Mamme figs in the fungicide suspension for a minimum of 15 minutes. The fungicide suspension should be stirred frequently to prevent settling out. Fresh dipping solution should be used after treating 4 or 5 batches of figs. After treatment, Figs should be drained prior to placement in trees.

Christmas trees (conifer)

Crop Diseases Controlled (Lb/Acre) (Also Refer to Directions for Use)

Christmas trees (conifer)

Crop control: 1.0 to 2.0 lb/A or 1.0 to 2.0 lb/100 gal

Remarks

Begin application in spring or early summer before infection occurs. Repeat after heavy rains. Make applications at 7- to 10-day intervals.

Douglas fir

Crop Diseases Controlled (Lb/Acre) (Also Refer to Directions for Use)

Douglas fir

Crop control: 1.0 to 2.0 lb/A or 1.0 to 2.0 lb/100 gal

Remarks

Begin application in spring or early summer before infection occurs. Repeat after heavy rains. Make applications at 7- to 10-day intervals.

Turf

For use on sod farms, golf courses, industrial and commercial lawns and other similar nonresidential areas. Not for use on residential or athletic turf.

Restrictions:

Sod Farm Turf:

• Harvesting of treated turf is prohibited until 5 days following application.
• Limit to a maximum of 4 applications per year and a maximum rate of 23.2 pounds of product per acre (17.4 pounds active ingredient per acre) per application.
• Minimum interval between applications is 10 days.

Golf Courses:

• For cool season grasses; greens, tees and aprons - limit to a maximum of 5 applications per year at a maximum application rate of 23.2 pounds of product per acre (17.4 pounds active ingredient per acre) per application.
• For cool season grasses; fairways - limit to a maximum of 4 applications per year at a maximum application rate of 23.2 pounds of product per acre (17.4 pounds active ingredient per acre) per application.
• For warm season grasses; greens, tees and aprons - limit to a maximum of 4 applications per year at a maximum application rate of 23.2 pounds of product per acre (17.4 pounds active ingredient per acre) per application.
• For warm season grasses; fairways - limit to a maximum of 3 applications per year at a maximum application rate of 23.2 pounds of product per acre (17.4 pounds active ingredient per acre) per application.
• Minimum interval between applications is 10 days.

All Other Turf:

• Limit to a maximum of 4 applications per year and a maximum application rate of 23.2 pounds of product per acre (17.4 pounds active ingredient per acre) per application.
• Minimum interval between applications is 10 days.

Start application when grass greens up in spring or when disease first appears and repeat at 10- to 14-day intervals or until disease threat is past. When conditions are especially favorable for disease development, apply maximum fungicide use rate on a 10-day spray schedule. Apply in sufficient water to provide adequate coverage.

Turf Tolerance

Treated turfgrass should be maintained in a vigorous growing condition. Turfgrass that is under stress will not respond to fungicide treatments as turfgrass that is well-maintained. Turfgrass tolerance to this product has been found to be acceptable, however, this product and tank mixtures with other products have not been tested on all varieties of every turfgrass species or under all possible growing conditions. If user is unfamiliar with the performance of this product or tank mixtures, under user growing conditions, a limited area of turfgrass should be treated prior to initiating large-scale applications. The user should always exercise reasonable judgment and caution when using this product.
Crop Diseases Controlled (Oz/1000 Sq Ft)  (Also Refer to Directions for Use)  Restrictions

**Assorted grasses**
- Helminthosporium melting-out
- Post (leaf, stem, stripe) 4.0  Apply when disease appears. Repeat at 10-day intervals as long as condition persists.  Do not graze treated areas.

- Copper spot
- Fusarium blight
- Slime mold 4.0 to 8.0  Apply when disease appears. Repeat at 10-day intervals as long as condition persists.

- Algae 0.0  Apply when algae appears. Repeat at 10-day intervals as long as condition persists.

- Dollar spot
- Rhizoctonia brown patch 0.0 to 8.0  Apply when disease appears. Repeat at 10-day intervals as long as condition persists.

- Pythium blight 8.0  Apply when disease appears. Repeat at 10-day intervals as long as condition persists.

- Fusarium snow mold 6.0 to 8.0  Apply at 2- to 6-week intervals during winter.

- Gray leaf spot 8.0  Apply when disease appears. Repeat at 10-day intervals as long as condition persists.

**ATTENTION:** This product contains mancozeb and ETU, chemicals known to the State of California to cause cancer. ETU is also known to the State of California to cause birth defects or other reproductive harm.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from...
such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. 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 when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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