

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Carrie M Tackema
Regulatory Affairs Manager
Cheminova Inc
P O Box 110566
Research Triangle Park NC 27709

OCT - 4 2012

Product Name KOVERALL Fungicide

EPA Reg No 67760 110

Subject Your amendment dated May 2 2012

OPP Decision Number 468614

Dear Ms Tackema

The amended label referred to above submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made

On page 14 delete the sections FOR SUPPRESSION OF PEAR PSYLLA NYMPHS ON PEARS IN THE STATE OF OREGON and FOR SUPPRESSION OF PEAR PSYLLA NYMPHS ON PEARS IN THE STATE OF WASHINGTON

One copy of the label stamped Accepted with comments is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

If you have any questions please contact Robert Westin by phone at (703) 305 5721 or via email at westin robert@epa gov

Sincerely

Mary L Waller Mary L Waller

Product Manager (21)

Fungicide Branch

Registration Division (7504P)

Enclosure

## **KOVERALL** Fungicide

#### **ACTIVE INGREDIENTS**

Mancozeb A coordination product of zinc ion and manganese

ethylene bisdithiocarbamate

75.0%

manganese++

15 0% 19%

zinc++

ethylene bisdithiocarbamate ion (C<sub>4</sub>H<sub>6</sub>N<sub>2</sub>S<sub>4</sub>) 58 1%

OTHER INGREDIENTS

25 0%

TOTAL

100 0%

EPA Reg No 67760 110

EPA Est No.

NET CONTENT \_\_\_\_\_ lbs

ACCEPTED will comments In EPA Letter Dated:

10/4/2012

Under the Federal Insecticide. Fungicide, and Rodenticide Act, as amended for the pesticide registered under EPA Rey. No. 67760 -//O

Manufactured for Cheminova Inc. One Park Drive Suite 150 Research Triangle Park NC 27709

KEEP OUT OF REACH OF CHILDREN CAUTION

IN CASE OF A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL TOLL FREE DAY OR NIGHT 1 866 303 6950

#### **FIRST AID**

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 by mouth 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 mouth to mouth if possible Call a Poison Control Center or doctor for further treatment advice

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 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

Have the product container or label with you when calling a Poison Control Center or doctor or when going for treatment. You may also contact 1 866 303 6950 for emergency medical treatment. information

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

# 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 plants
- 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 absorbed materials that have been drenched or heavily contaminated with this product s concentrate. Do not reuse them

#### **Engineering Controls**

**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.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms forests nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training decontamination notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 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 oil or water is

- Coveralls
- Chemical resistant gloves made of any waterproof material
- · Shoes plus socks

#### Non Agricultural Use Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Applications to golf courses industrial (office park) and municipal lawns and ornamentals are not within the scope of the Workers Protection Standard

Keep unprotected persons out of treated area until sprays have dried

#### STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

**Pesticide Storage** Store in original container only. Store in a dry place and avoid excess heat Carefully open containers. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

**Container Disposal** Nonrefillable container Do not use or refill this container Completely empty bag into application equipment. Then offer for recycling or dispose of empty bag in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

#### General Use Information

KOVERALL Fungicide is a broad spectrum fungicide labeled for use on outdoor and greenhouse grown crops turf and ornamentals. Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventative spray program. The addition of an agricultural surfactant will enhance fungicide performance by providing a more uniform spray deposit. Increased foliar redistribution, and enhanced fungicide retention during periods of wet weather.

#### **Use Rate Determination**

- Carefully read understand and follow label use rates and restrictions
   When two pesticides are tank mixed the more restrictive label conditions apply
   Do not tank mix with any product which contains a restriction on tank mixing
- Under low disease conditions minimum label rates per application can be used while maximum label rates and the minimum interval may be used for severe or threatening disease conditions
- 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 pound KOVERALL per 100 gallons per acre is equivalent to 1 level tablespoon per gallon spray solution

#### **Mixing Procedures**

Slowly pour into spray tank as it is being filled while agitation is maintained or thoroughly premfx in a nurse tank for concentrate or aircraft sprayers. Add other co-applied fungicides insecticides, growth regulators micronutrients after KOVERALL has been placed into suspension. When tank mixing with other pesticides observe the more restrictive label limitations and precautions.

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

KOVERALL is compatible with most commonly used agricultural fungicides insecticides and growth regulators. When preparing tank mixes 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.

6/30

#### 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 applicators

- 1 The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter
- 2 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.
- 3 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

1 Do not apply with a nozzle height greater than 4 feet above the crop canopy

#### **Application**

#### Ground

Thorough coverage with foliar sprays generally results in optimum disease control. To achieve satisfactory 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 catalogues for specific information on proper equipment calibration.

#### **Hand Sprayers**

Thoroughly spray plant foliage until runoff

#### Aerial

A uniform initial spray deposit over the crop canopy generally results in optimum disease control Each aircraft should be prechecked 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 (whirlplate) 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) gallons of water per acre. On vegetable and field crops 2 to 3 gallons of spray per acre are generally optimum orchards and vineyards can be handled with spray volumes of 5 gallons per acre. Some tall or dense foliage crops requiring greater penetration to the lower leaf surface will require higher spray volumes. **Do not apply this product in fewer than 5 gallons spray volume per acre in California** 

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

7/30

**Flagging** Mark swaths at the end of the field with permanent flags. Measure swaths accurately with a chain or other device except when rows can be accurately counted

#### **Chemigation Use Directions**

#### Sprinkler Irrigation

KOVERALL must be applied on a regular protectant fungicide schedule **not an irrigation schedule** If irrigation cycles are less frequent than recommended KOVERALL application intervals ground or aerial applications must supplement chemigation applications to achieve adequate disease control

#### **General Requirements**

- Apply KOVERALL 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 ροη uniform distribution of treated water
- If you have questions about calibration you should contact a 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 should the need arise

#### Specific Chemigation Equipment Requirements

Before applying KOVERALL through sprinkler irrigation equipment the chemigation system must meet the following specifications

- Public water system means a system 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 must 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 that 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 which provide a uniform water distribution)

- Determine the size of the area to be treated
- Determine the time required to apply no more than 1/4 inch water (6 750 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 KOVERALL required for the treatment area
- Add the required amount of KOVERALL 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 finfif KOVERALL solution 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 KOVERALL required for the treatment area
- Add the required amount of KOVERALL 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 KOVERALL at the end of the irrigation cycle or as separate application to maximize foliar fungicide retention
- Stop injection equipment after treatment is completed. Continue to operate the system until KOVERALL solution has cleared the last sprinkler head.

#### **Disease Monitoring**

KOVERALL is a broad spectrum fungicide. If not applied on a routine protectant spray schedule scout crops on a weekly basis. Apply fungicide at the required label use rate and spray schedule at the first sign of disease 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 KOVERALL

#### Foliar Applications

Where EBDC Products Used 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 Used 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 seasonal poundage of active ingredient allowed per acre

#### Seed Treatment

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

### Cole Crop (Brassica) Leafy Vegetables

Crop	Diseases Controlled	KOVERALL Rate per Application (lb/acre)	Application Directions	Restrictions
broccoli and cabbage	Alternaria leaf spot Downy Mildew	1621	In plant beds or direct seeded fields apply 7 to 10 days after planting or earlier if disease is present. If field applications apply as soon as disease is present and reapply as needed on a 7 to 10 day spray schedule.	Do not apply more than 12 8 lb KOVERALL (9 6 lb ai) per acre 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

#### Cucurbits

Begin applications when the 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.

Crop  chayote Chinese waxgourd citron melon cucumber gherkin gourd edible Momordica spp muskmelon pumpkin squash summer squash winter watermelon	Diseases Controlled alternaria leaf spot antrhacnose cercospora leaf spot downy mildew gummy stem blight scab	KOVERALL Rate per Application (Ib/acre) 2 to 3	Application Directions Start application when plants are in the two leaf stage and repeat at 7 to 10 day intervals. Use sufficient water and direct the spray to provide thorough coverage of both upper and lower leaf surfaces. Consult State Cooperative Extension. Specialist prior to use	Restrictions  Do not apply more than 25 6 lb of KOVERALL (19 2 lb ai) per acre per year  Do not make more than 8 applica ions per year  Do not applica ions 5 days of harvest
melons cantaloupes casaba crenshaw honeydew	Alternaria leaf spot anthracnose downy mildew gummy stem blight Microdochium blight <sup>†</sup>	2 to 3	Start application 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 KOVERALL. Consult a State. Cooperative Extension. Service Specialist prior to use.	Do not apply within 5 days of harveor Do not apply more than 25 6 lb KOVERALL (19 2 lb ai) per acre per crop  Do not make more than 8 applications per year
Watermelons	Microdochium blight <sup>†</sup> scab	2 to 3		Do not apply within 5 days of harvest Do not apply more than 25 6 lb KOVERALL (19 2 lb ai) per acre per crop Do not make more than 8 applications per year

<sup>&</sup>lt;sup>†</sup> Not approved for use on this pest species in California

# Fruiting Vegetables (Except Cucurbits)

	Discourse	KOVERALL Rate per	Application	
Crop	Diseases Controlled	Application (lb/acre)	Application Directions	Restrictions
Peppers	Anthracnose early blight phomopsis blight or fruit rot Alternaria Leaf Spot Downy Mildew Cercospora Leaf Spot (Frogeye Spot) Phytophthora Blight Ripe Rot	2 (west of the Mississippi River) 3 (east of the Mississippi River)	Begin application when disease appears and reapply on a 7 to 10 day spray schedule	East of the Mississippi River do not apply more than 19 2 lb KOVERALL (14 4 lb ai) per acre per crop and do not apply within 7 days of harvest  West of the Mississippi River do not apply more than 12 8 lb KOVERALL (9 6 lb ai) per acre per crop and do not apply within 7 days of harvest Minimum retreatment interval is 7 days Do not apply this product with a U boom device

Lettuce (Head and Leaf)

Crop	Diseases Controlled	KOVERALL Rate per Application (lb/acre)	Application Directions	Restrictions
Lettuce	downy mildew Alternaria Leaf Spot Anthracose	2	Begin applications when disease appears and reapply on a 7 to 10 day treatment schedule	In California do not apply more than 8 5 lb KOVERALL (6 4 lb ai) per acre per crop and do not apply within 14 days of harvest In states other than California do not apply more than 12 8 lb KOVERALL (9 6 lb ai) per acre per crop and do not apply within 10 days of harvest Minimum retreatment interval is 7 days Do not apply this product with a U boom device

<sup>\*</sup>Not for use on this pest in California

#### **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 product be used in an integrated Pest Management Program (IPM)

		KOVERALL		
		Rate per	Remarks	
	Diseases	Application	(Also Refer to Directions for	
Crop	Controlled	(lb/acre)	Use)	Restrictions
apples crabapples pears quince	Fabraea leaf spot rusts scab	6 0 <sup>†</sup>	Pre Bloom/Bloom Use Begin applications at 1/4 to 1/2 inch green tip and continue on a 7 to 10 day schedule through bloom  Do not combine or integrate the prebloom	Do not apply more than 6 lb KOVERALL (4 5 lb aı) per acre per application Do not apply after bloom Do not apply more than 24 lb KOVERALL (18 lb aı) per acre per year
			application schedule with the post bloom extended application" schedule	Do not graze livestock in treated areas
		30†	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 1/4 to 1/2 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 apply more than 3 lb KOVERALL (2 25 lb ai) per acre per application Do not apply within 77 days of harvest Do not apply more than 21 lb KOVERALL (15 75 lb ai) per acre per year Do not graze livestock in treated areas
			Do not combine or integrate the prebloom application schedule with	,
			the post bloom extended application schedule	

<sup>&</sup>lt;sup>†</sup> Maximum per acre use rate based on thorough coverage dilute sprays

## Fruits

[		KOVERALL		
		Rate per	Remarks	
	Diseases	Application	(Also Refer to Directions	
Crop	Controlled	(lb/acre)	for Use)	Restrictions
bananas (including plantain)	sigatoka	2 to 3	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 Latron surfactant to spray solutions will improve performance.	Do not apply more than 30 lb KOVERALL (22 5 lb ai) per acre per growing cycle) Applications can be made up to the day of harvest
cranberries	fruit rot	3 to 6	Start applications at early bloom and repeat at 7 to 10 day intervals as required	Do not apply within 30 days of harvest Do not apply more than 18 lb KOVERALL (13 5 lb ai) per acre per season
grapes	black rot bunch rot Phomopsis downy mildew	1 5 to 2 5 West of the Rocky Mountains  1 5 to 4 East of the Rocky Mountains	Apply in sufficient water to provide thorough coverage starting when new shoots are 1/2 to 1 1/2 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 Other fungicides labeled for use on grapes may provide late season control of black rot phomopsis and downy mildew	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 KOVERALL (5 6 lb ai) per acre per season East of the Rocky Mountains do not apply more than 24 lb KOVERALL (18 lb ai) per acre per season
papayas	anthracnose Phytophthora fruit rot	2 to 2 5	Use minimum 50 gallons water per acre Start applications at flowering and continue at 14 to 21 day intervals Direct spray to crown and blossom area  Do not make more than 14 applications per year	Do not apply more than 37 lb KGVERALL (28 lb ai) per ace per year Applications may be made up to the day of harvset

## FOR SUPPRESSION OF PEAR PSYLLA NYMPHS ON PEARS IN THE STATE OF OREGON

**Application Instructions** Apply KOVERALL fungicide at the rate of 6 lbs per acre as a thorough coverage spray Begin application at early bloom (pink bud stage) and discontinue after petal fall. Maximum of 2 applications for this use and a minimum interval between applications of 7 days

## FOR SUPPRESSION OF PEAR PSYLLA NYMPHS ON PEARS IN THE STATE OF WASHINGTON

Application Timing and Rates For control of pear psylla nymphs apply 8 5 lbs (6 4 lb Al) product per acre Begin thorough coverage applications at early bloom (pink) or at first signs of psylla activity. Reapply as needed on a 7 to 10 day interval and discontinue after petal fall. Apply as a broadcast foliar spray by ground equipment calibrated to deliver a minimum of 50 gallons per acre to trees 10 feet tall or less. For trees greater than 10 feet use a minimum of 100 gallons per acre. See package label for use directions and restrictions for ground applications.

Clarification of the Maximum Use Rate for Mancozeb and Zoxamide
When GAVEL 75DF is used on Grapes Grown East of the Rocky Mountains
KOVERALL contains only one active ingredient (ai) mancozeb Gavel® 75DF contains two active ingredients mancozeb and zoxamide. The maximum allowable application rate for mancozeb in

ingredients mancozeb and zoxamide. The maximum allowable application rate for mancozeb in grapes is 3.0 lbs. ai/acre and a total of 18 lbs. ai/acre per season regardless of the source of mancozeb. Do not apply any product containing mancozeb within 66 days of grape harvest.

The maximum allowable application rate for zoxamide in grapes is 0 2075 lbs ai/acre and a total of 1 25 lb ai per season. The maximum rate for Gavel 75DF per application and per season may not exceed the maximum rate per application and per season for either mancozeb or zoxamide.

Formulations and Active Ingredient

Fungicide	Unit of Measure	Zoxamide (lb ai/unit of measure)	Mancozeb (lb aɪ/unɪt of measure)
KOVERALL	1 pound	0 000	0 75 lb ai per lb of product
Gavel 75DF	1 pound	0 083	0 67 lb ai per lb of product

## Tree Nuts

Crop	Diseases Controlled	KOVERALL Rate per Application (lb/acre)	Remarks (Also Refer to Directions for Use)	Restrictions
Almond	blossom blight ( <i>Monilinia</i> spp) shothole ( <i>Stigmina</i> spp)	6 4 lb/A	Begin application at dormant to popcorn stage full bloom or petal fall Reapply every 7 to 10 days if bloom is staggered and weather is rainy. Do not use less than 10 gallons of spray volume per acre if aerially applied	Do not apply more than 19 2 lb KOVERALL (14 4 lb aı) per acre per use season Do not make last application later than 5 weeks after petal fall Do not graze livestock in treated area Minimum retreatment interval is 7 days Do not apply this product with a U boom device

## **Tropical Fruits**

Crop atemoya cherimoya custard apple sugar apple sweetsop	Diseases Controlled Anthracnose	KOVERALL Rate per Application (lb/acre) 2 - 2 5	Remarks (Also Refer to Directions for Use) Begin applications at flowering and continue at a 7 day retreatment interval Applications made with aerial equipment must be made in a minimum spray volume of 10 gallons per acre	Restrictions Do not apply more than 35 lb of KOVERALL (26 25 lb ai) per acre per year Do not make more than 14 applications per year Applications may be made up to the day of harvest
canistel mamey sapote mango sapodilla star apple (caimito) white sapote	Anthracnose black spot (cercospora) phytophthora fruit rot	2-25	Begin applications at flowering and continue at 14 to 21 day intervals Direct spray to crown and blossom area Use 20 to 100 gallons of water per acre	Do not apply more than 37 3 lb of KOVERALL (2% lb ai) per acre per year Applications may be made up to the day of harvest

## Vegetables

<b>Crop</b> asparagus	Diseases Controlled Cercospora leaf spot rust	KOVERALL Rate per Application (lb/acre)	Remarks (Also Refer to Directions for Use) Start applications when rust first appears and repeat at 10 day intervals Four	Restrictions Apply only on asparagus ferns after spears have been harvested Do not
		KOVERALL	applications are usually sufficient	apply more than 8 lb KOVERALL (6 lb ai) per acre per season Do not apply within 120 days of harvest in California and Arizona or within 180 days in all other states
		Rate per	Remarks	
	Diseases	Application	(Also Refer to Directions	
Crop	Controlled	(lb/acre)	for Use)	Restrictions
corn (sweet corn for fresh use or processing popcorn and sweet corn for seed production including hybrid seed)	common rust Helminthospori um leaf blight	15	Use sufficient water for thorough coverage Start applications when disease first appears and repeat at 4 to 7 day intervals	Do not apply within 7 days of harvest Do not feed treated forage to livestock East of the Mississippi River Arkansas and Louisiana do not apply more than 22 5 lb KOVERALL (17 lb ai) per acre per crop West of the Mississippi River (except Arkansas and Louisiana) do not apply more than 7 5 lb KOVERALL (5 6 lb ai) per acre per crop Field and Field Corn for Hybrid Sead Production Do rot apply within 40 days of harvest Do not apply more than 15 lb KOVERALL (11 25 lb ai) per acre per crop

## Vegetables (continued)

		KOVERALL	T	
		Rate per	Remarks	
	Diseases	Application	(Also Refer to Directions	
Cuan	1		1 -	Doctmations
Crop	Controlled	(lb/acre)	for Use)	Restrictions
onions (dry	Botrytis leaf	3	Follow a protective spray	Do not apply within 7
bulb)	blight		schedule starting when	days of harvest Do
garlic shallots	downy mildew neck rot		diseases are first reported	not apply more than 30 lb KOVERALL
Shallots	purple blotch		In the area and repeat at	
	rust		7 day intervals throughout the season Do not allow	(22 5 lb aı) per acre per crop Do not
	Tust		spray or drift to contact	apply to exposed bulb
			bulbs after lifting from soil	apply to exposed builb
onions (furrow	damping off		Apply 3 lb per acre as a	Do not use more than
drench)	seed rots		furrow drench at time of	3 lb KOVERALL (2 25
diction	seedling blights		planting onion seeds Use	Ib ai) per acre (29 000
	smut		75 to 125 gallons water	linear feet of furrow)
	l		per acre	with an 18 inch row
			po. 46.6	spacing Do not use
				in California
		KOVERALL		
		Rate per	Remarks	
	Diseases	Application	(Also Refer to Directions	
Crop	Controlled	(lb/acre)	for Use)	Restrictions
Potatoes	early blight	1 to 2	Begin applications when	Do not apply more
	late blight		plants are 4 to 6 inches	than 15 lb KOVERALL
	-		high by applying 0 5 to 1 0	(11 2 lb aı) per acre
			lb/acre As the vines	per crop Do not
			increase in size apply 1.5	apply within 3 days of
			to 2 0 lb/acre at 5 to 10	harvest in
			day intervals or apply 0.75	Connecticut Florida
			to 1 0 lb/acre at 3 to 5	Maine
			day intervals lt is	Massachusetts New
			recommended that this	Hampshire New York
			product be used within an	Ohio Pennşylyanıa
			Integrated Pest	Vermont and
			Management Program	Wisconsin and at
			Also vine kill should occur	least 14 days
			14 days before harvest	elsewhere

## Vegetables (continued)

		KOVERALL		
		Rate per	Remarks	
	Diseases	Application	(Also Refer to Directions	
Cron	Controlled	(lb/acre)	for Use)	Restrictions
Crop		See	Dip whole or cut potato	Do not use treated seed
potato (seed	Fusarium decay late blight	Remarks	tubers in 1 25 lb	potatoes for food or feed
	seedborne	Remarks		purposes Seed pieces
piece	1		KOVERALL per 50 gallons	that have been treated
treatment)	common scab		of water Place treated	with this product that are
	Rhizoctonia		tubers in a clean container	then packaged or
	shoot blight sliver scurf		following treatment and	bagged for future use
	Silver Scuri		plant as soon as possible	must be colored with an
			Spread treated seed	EPA approved dye to
			pieces in a cool place if	impart an un natural
			held before planting	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
		į	i	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
			ì	seed pieces are planted
ļ				in soil or other planting
			İ	media the Worker
				Protection Standard
				allows workers to enter
				the treated area without
				restriction if there will be
ļ				no worker contact with
				the soil/media
				subsurface

## Vegetables (continued)

Crop	Diseases Controlled	KOVERALL Rate per Application (lb/acre)	Remarks (Also Refer to Directions for Use)	Restrictions
tomatoes	anthracnose early blight gray leaf spot late blight leaf mold Septoria leaf spot	0 75 1 0 West of the Mississippi River  0 75 to 1 5 East of the Mississippi River	Start application when seedlings emerge or transplants are set Repeat at 3 to 7 day intervals throughout the season	Do not apply within 5 days of harvest West of the Mississippi River do not apply more than 8 5 lb KOVERALL (6 4 lb ai) per acre per crop East of the Mississippi River do not apply more than 22 4 lb KOVERALL (16 8 lb ai) per acre per crop
	bacterial speck and spot	1 5 to 2 West of the Mississippi River 1 5 to 3 East of the Mississippi River	Start application when seedlings emerge or transplants are set Repeat at 7 to 10 day intervals throughout the season	East of the Mississippi River do not apply more than 22 4 lb KOVERALL (16 8 lb ai) per acre per crop West of the Mississippi River do not apply more than 8 5 lb KOVERALL (6 4 lb ai) per acre per crop

## Field Crops

		KOVERALL		
		Rate per	Remarks	
	Diseases	Application	(Also Refer to Directions	
Crop	Controlled	(lb/acre)	for Use)	Restrictions
barley			Refer to wheat	
hybrid seed corn	common corn rust Helminthosporium leaf blight	1 5	Start applications when disease symptoms first appear and depending on severity of infection continue on a 4 to 7 day interval	1
oats			Refer to wheat	
peanuts	Cercospora leaf spot Rust	1 to 2	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.	days of mancozeb harvest
rye			Refer to wheat	
sugar beets	Cercospora leaf spot	1 5 to 2	Start applications when disease first threatens and repeat every 7 to 10 days as needed The addition of a Latron surfactant to spray solutions will improve performance	Do not apply within 14 days of harvest Do not apply more than 14 lb KOVERALL (10 5 lb ai) per acre per crop Do not feed treated sugar beets to livestock

## Field Crops (continued)

Crop	Diseases Controlled	KOVERALL Rate per Application (lb/acre)	Application Directions	Restrictions
wheat	Helminthosporium leaf spot leaf rust Septoria glume blotch Septoria leaf spot tan spot	2	Start applications at onset of disease or when plants are in the tillering to jointing stage and repeat at 7 to 10 day intervals	Do not make more than three applications during the season PHI Do not apply after Feekes Growth Stage 10 5 (typically 35 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 lb KOVERALL (4 5 lb ai) per acre per crop
triticale			Refer to wheat	

## **Root Vegetables**

Crop	Diseases Controlled	KOVERALL Rate per Application (lb/acre)	Application Directions	Restrictions
ginseng	alternarıa blıght	20	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 gallons of water per acre.	Do not apply more than 24 lb of KOVERALL (18 lb ai) per acre per year Do not make more than 12 applications pe year Do not apply within 30 days of harvest

#### Miscellaneous

	Diseases	KOVERALL Rate per	Remarks
Crop	Controlled	Application	(Also Refer to Directions for Use)
asparagus crowns	crown rot	1 lb per 100 gal	Place loosely packed crowns into a burlap bag and soak with gentle agitation in the 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. Dirty crowns should be pre washed to remove excess soil.
caprifig	assorted molds endosepsis (Fusarium)	4 lbs/100 gal	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)	Lophodermium needle cast pine gall rust Scirrhia brown spot	1 to 2 lb per acre or 1 to 2 lb per 100 gal	Begin application in spring or early summer before infection occurs. Repeat after heavy rains. Make applications at 7 to 10 day intervals.
Douglas fir	Swiss needle cast		

#### Turf

For use on sod farms golf courses industrial and commercial lawns and other similar non esidential 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 lb of product per acre
   (17 4 lb ai/A) 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 lb of product per acre (17 4 lb ai/A) per application
- For cool season grasses fairways limit to a maximum of 4 applications per year at a maximum application rate of 23 2 lb of product per acre (17 4 lb ai/A) 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 lb of product per acre (17 4 lb ai/A) per application
- For warm season grasses fairways limit to a maximum of 3 applications per year at a maximum application rate of 23 2 lb of product per acre (17 4 lb ai/A) 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 lb of product per acre (17 4 lb ai/A) 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 under stress will not respond to fungicide treatments as well as well maintained turfgrass. 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 KOVERALL or tank mixtures, under user growing conditions, a limited area of turfgrass should be treated prior to initiating large scale applications.

Crop	Diseases Controlled	KOVERALL Rate per Application (oz/1000 sq ft)	Remarks (Also Refer to Directions for Use)	Restrictions
assorted grasses	Helminthosporium melting out rust (leaf stem stripe)	4		Do not graze treated areas
	copper spot Fusarium blight red thread slime mold	4 to 8		grasses intended for grazing such as range or pasture grasses
	algae	6		
	dollar spot	6 to 8		Do not feed clippings to livestock  Do not use on grasses grown for seed

#### Turf (continued)

Crop	Diseases Controlled	KOVERALL Rate per Application (oz/1000 sq ft)	Remarks (Also Refer to Directions for Use)	Restrictions
	Rhizoctonia brown patch	4	Apply on a 10 day spray schedule	Do not graze treated areas
	Pythium blight	8	Apply at 10 day intervals	Do not use on
	Fusarium snow mold	6 to 8	Apply at 2 to 6 week intervals during winter	grasses intended for grazing such
	Gray leaf spot	8	Apply on a 14 day spray schedule when conditions are favorable for disease development	as range or pasture grasses  Do not feed clippings to livestock  Do not use on grasses grown for seed

Ornamentals	

#### Restrictions

Cut flowers and greenhouse grown ornamentals Limit to 20 applications per year Do not use for food or feed

Neither the manufacturer nor the seller has determined the effects of using KOVERALL on ornamentals not specified on this label

Prior to any large scale applications on such plants the user should determine the effects of KOVERALL by testing a small section of the type of plants treated. The Conditions of Sale and Warranty apply to all uses

For outdoor (field nursery) or greenhouse use apply the equivalent of 1 2 lb KOVERALL per 100 gallons of dilute spray (1 5 lb KOVERALL per acre) The addition of Latron B 1956 to spray solutions will improve performance

26/30

Begin spraying when plants are well leafed out or at first sign of disease in a full coverage spray at 7 to 10 day intervals throughout season or follow State Extension Service recommendations for disease control on the following ornamental plants

Ornamentals (continued)	
(=========	

_	Diseases	Remarks (Also Refer to Directions for Use –
Crop	Controlled	Restrictions)
African violet	Botrytis blight	
almond	leaf spot	
(ornamental)		
alyssum	leaf spot	
anthurium	anthracnose spadix rot	
apple	Fabraea leaf spot	
(ornamental)	rust scab	
arborvitae	Cercospora blight	
areca palm	leaf spot	
ageratum	Botrytis blight	
	rust	
ash mountain	Entomosporium leaf	
	spot	
	Guignardia leaf blotch	
ash white	anthracnose	
	Cylindrosporium leaf	
	spot	
aster	Leaf spot	
aster perennial	Alternaria leaf spot	
	anthracnose	
azalea	Cylindrocladium rot	Apply in a full coverage spray 2 to 3 times a week
	petal blight	while flowers are opening  Direct spray into flowers
	Phytopthora twig and	and thoroughly spray ground under bushes
	bud blight	<i>C</i>
bougaınvıllea	Leaf spot	•
begonia	Botrytis blight	
boxwood	Leaf spot	
buffaloberry	Cylindrosporium leaf	
	spot	31_1.
camellias	petal blight	Refer to Azalea
carnation	rust	
	Septoria leaf spot	
cedar red	Cercospora blight	
(juniper)	Phomopsis blight	
chrysanthemum	Ascochyta blight	Apply twice weekly during blooming period
•	Botrytis petal spot	
	rust	
cockscomb	Alternaria leaf spot	
(celosia)		

## Ornamentals (continued)

Diseases	Remarks (Also Refer to Directions for Use –
Controlled	Restrictions)
Lophodermium needle	Begin application in spring or early summer before
cast	infection occurs Repeat after heavy rains and at two
pine gall rust	week intervals as long as needed
Scirrhia brown spot	
Cercospora leaf spot	
cedar apple rust	
scab	
Sphaeropsis leaf spot	
Cercospora blight	
Monochaetia canker	
Botrytis blight	
Botrytis blight	
Leptosphaeria brown	
spot	
anthracnose	Apply when buds begin to open when bracts have
Elsinoe leaf spot	fallen 4 weeks later and again in late summer after
Septoria leaf spot	flower buds for next season have formed
Fusarium leaf spot	
black leaf spot	
anthracnose	
anthracnose	
Rhizoctonia blight	
spot	
Fusicladium scab	
Swiss needle cast	
Swiss needle cast	
Botrytis blight	0.0.0
rust	6
rust	
Botrytis blossom blight	Make regular weekly applications starting before
Curvularia leaf spot	diseases appear and increase to 2 or 3 applications
•	per week during periods of heavy disease and during
	rainy weather On flower spikes reduce spray
	concentration to 3/4 lb per 100 gallons
Botrytis blight	, c e
	τι τ
hawthorn rust	
scab	
purple spot	
	Controlled Lophodermium needle cast pine gall rust Scirrhia brown spot Cercospora leaf spot cedar apple rust scab Sphaeropsis leaf spot Cercospora blight Monochaetia canker  Botrytis blight Botrytis blight Leptosphaeria brown spot anthracnose Elsinoe leaf spot Septoria leaf spot Septoria leaf spot black leaf spot anthracnose anthracnose Rhizoctonia blight Cercospora leaf spot Cylindrocladium leaf spot Fusicladium scab  Swiss needle cast Swiss needle cast Swiss needle cast Botrytis blight rust rust Botrytis blossom blight Curvularia leaf spot Fabraea leaf spot frogeye leaf spot frogeye leaf spot hawthorn rust scab Gnomonia leaf spot

## Ornamentals (continued)

Crop	Diseases Controlled	Remarks (Also Refer to Directions for Use – Restrictions)
hollyhock	anthracnose	1.00trodiono)
,	Cercospora leaf spot	
	Puccinia rust	
honeysuckle	Herpobasidium blight	
horsechestnut	Alternaria leaf spot	
buckeye	Guignardia leaf blotch	
hydrangea	Botrytis blight	
, 0	Cercospora leaf spot	
ımpatıens	Botrytis blight	
Iris	Didymellina leaf spot Mycosphaerella leaf spot	(formerly Didymellina)
	Mystrosporium ink spot	
Juniper	Phomopsis blight	
larkspur	rust	
laurel mountain	Cercospora leaf spot petal blight	Refer to azalea
ligustrum	Cercospora leaf spot	
lily	Botrytis blight	
magnolia	Gloeosporium leaf spot	
maple	Alternaria leaf spot Phyllosticta leaf spot	Do not use sap for syrup production
marigold	Botrytis blossom blight	Do not use on French dwarf double or Signet type marigold seedlings
narcissus	Botrytis blight (fire) smoulder	
oak	Actinopelte leaf spot Taphrina leaf blister	
orchid (Dendrobium)	Botrytis blossom blight	
oxalis	rust	C.E.E.
pansy	anthracnose	
pears (ornamental)	Fabraea leaf spot rust scab	
peony	Botrytis blossom blight Phytophthora blight	Apply in early spring and early fall drenching soil around plants as well as the foliage Promptly dest dy all infected plant parts
peperomia	Cercospora leaf spot	
petunia	Botrytis blight	
philodendron	Dactylarıa leaf spot Phytophthora leaf spot	
phlox	leaf spot	
photinia	Entomosporium leaf spot	
pine Australia	Cyclaneusma needle cast	

## Ornamentals (continued)

_	Diseases	Remarks (Also Refer to Directions for Use –
Crop	Controlled	Restrictions)
pine Scotch	Cyclaneusma needle cast	
	gall rust	
nittoenerum	Alternaria leaf spot	
pittosporum pleomele	Fusarium leaf spot	
poinsettia	Sphaceloma scab	
poplar	rust	
primrose	Botrytis blight	
protea	Botrytis blight	
quince	Fabraea leaf spot	
	rust	
(0)	scab	
rhododendron  rose  rosemary  schefflera  Scotts pine	Cercospora leaf spot	Refer to azalea
	Discosia leaf spot	
	petal blight	
rose	black spot	
	Cercospora leaf spot	
	rust	
	Rhizoctonia	
	aerial blight	
	Alternaria blight	
	needle cast	
skunkbush	Cylindrosporium leaf	
sumac	spot	
snapdragon	rust	
spathiphyllum	Myrothecium leaf spot	
statice	Cercosporium leaf spot	
strawflower	rust Conhalagnarum laaf	
syngonium	Cephalosporium leaf	
thorn apple	rust	5.5.5
thorn apple tulip	Botrytis blight (fire)	
	anthracnose	t-2-5-
venus flytrap viburnum	downy mildew	
VIDUITIUIII	Ramularia leaf spot	4
walnut	anthracnose	Do not use nuts for food or feed
zinnia	Alternaria leaf blight	Do not doc nate for rood of rood

30/30

#### WARRANTY DISCLAIMER

Cheminova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions subject to the inherent risks set forth below TO THE EXTENT CONSISTENT WITH APPLICABLE LAW CHEMINOVA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY

#### INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label such as unfavorable temperatures soil conditions, etc.) abnormal conditions (such as excessive rainfall drought tornadoes hurricanes) presence of other materials, the manner of application or other factors, all of which are beyond the control of Cheminova or the seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer.

#### LIMITATION OF REMEDIES

To the extent consistent with applicable law the exclusive remedy for losses or damages resulting from this product (including claims based on contract negligence strict liability or other legal theories) shall be limited to at Cheminova's election one of the following

- (1) Refund of purchase price paid by buyer or user for product bought or
- (2) Replacement of amount of product used

To the extent consistent with applicable law. Cheminova shall not be liable for losses or damages resulting from handling or use of this product unless. Cheminova is promptly notified of such loss or damage in writing. To the extent consistent with applicable law in no case shall Cheminova be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Cheminova or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

5 1 12 1/E1/2

KOVERALL is a trademark of Cheminova Inc Gavel is a registered trademark of Dow AgroSciences

