

228-652

12/3/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Danielle Larochelle
Nufarm Americas Inc
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

DEC 03 2012

Subject Nufarm T-Methyl 4 5 F Fungicide
 EPA Reg No 228-652
 Revised Labeling to Delete Canola Use
 EPA Decision Number 464773

Dear Ms Larochelle

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable

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

If you have any questions, please contact Erin Malone by phone at (703) 347-0253 or via email at malone.erin@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to read "William Cutchin".

William Cutchin
Acting Product Manager 20
Fungicide Branch
Registration Division (7504P)

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Nufarm T-Methyl 4.5 F Fungicide

ACTIVE INGREDIENT

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

46.2%

OTHER INGREDIENTS

53.8%

TOTAL

100.0%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION / PRECAUCION

See inside label booklet for FIRST AID and PRECAUTIONARY STATEMENTS

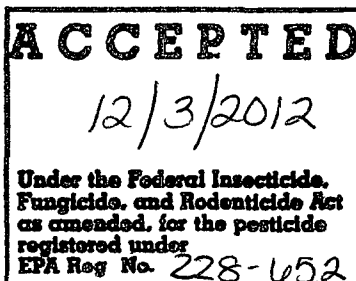
For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG NO 228-652
EPA EST NO _____

MANUFACTURED FOR
NUFARM AMERICAS INC
150 HARVESTER DRIVE
BURR RIDGE, IL 60527



Net Contents



FIRST AID	
If swallowed	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing call 911 or an ambulance then give artificial respiration preferably by mouth-to-mouth if possible • Call a poison control center or doctor for further treatment advice
If on skin or clothing	<ul style="list-style-type: none"> • 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
If in eyes	<ul style="list-style-type: none"> • 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
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment You may also contact 1-877-325-1840 for emergency medical treatment information	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION / PRECAUTION

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are barrier laminate butyl rubber ≥ 14 mils nitrile rubber ≥ 14 mils polyvinyl chloride (PVC) ≥ 14 mils and viton ≥ 14 mils If you want more options follow the instructions for category C on an EPA chemical-resistance category selection chart

Handlers mixing, loading and applying the product as a dip (including application of product in Kaolinite clay to conifer seedling roots) must wear

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant apron

All other mixers and loaders and applicators must wear

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

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE If no such instructions for washables exist use detergent and hot water Keep and wash PPE separately from other laundry Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate Do not reuse them

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USER SAFETY RECOMMENDATIONS

Users should

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

ENGINEERING CONTROLS

When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)) the handler PPE requirements may be reduced or modified as specified in the WPS

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas Do not contaminate water by disposing of equipment washwater

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling Do not apply this product in a way that will contact workers or other persons either directly or through drift Only protected handlers may be in the area during application For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the following restricted entry intervals (REI)

Check the Application Directions table for the correct REI for each crop If the table does not list an REI for a particular crop the REI is 12 hours

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants soil or water) is

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure

PRODUCT INFORMATION

Apply this product with ground or aerial equipment using sufficient volume of spray to provide thorough coverage Continuous agitation is required to keep the material in suspension Do not tank mix this product with highly alkaline pesticides such as Bordeaux mixture or lime sulfur No claim of compatibility with other pesticides is implied Use the higher rates under conditions of severe disease pressure Also see local State Extension Service instructions for application schedules

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APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
Almonds	Brown rot	<i>Monilinia</i> sp	20 30		Apply at pink bud and petal fall
	Blossom blight	<i>Monilinia</i> sp	(0 7 1 05 lb ai/A)		
	Scab	<i>Cladosporium</i> sp			
	Jacket Rot	<i>Monilinia</i> <i>Sclerotinia</i> <i>Botrytis</i>			
	Leaf Blight	<i>Seimatosporium</i>			
	NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days Do not apply more than 60 fl oz of product (2 1 lb ai) per acre per year Pre harvest Interval 1 day				
Apples	Apple scab	<i>Ventuna</i> sp	15 20	3 75 – 5	Apply at 5 to 10 day intervals from green tip through petal fall continue at 7 to 14 day intervals in cover sprays
	Black pox *	<i>Helminthosporium papulosum</i>	(0 53 0 7 lb ai/A) (except CA)		
	Flyspeck	<i>Zygophiala</i> sp	CA only	CA only	Follow resistance management guidelines under Directions For Use
	Powdery mildew	<i>Podosphaera</i> sp	30	7 5	
	Sooty blotch	<i>Gloeodes</i> sp	(1 0 lb ai/A)		
	Black rot	<i>Botryosphaena</i> sp			
	Brooks fruit spot	<i>Mycosphaerella</i> sp			
	White rot *	<i>Botryosphaena</i> sp			
PRE HARVEST USE TO CONTROL POST HARVEST DISEASES ON APPLES					
Storage rot blue mold	<i>Penicillium expansum</i>	1	3 75 5	Apply as a pre harvest spray within 2 weeks to 3 days of harvest Thorough coverage of the fruit is required Application closer to harvest may provide better efficacy For resistance management do not use a benzimidazole fungicide (i e Mertect®) post harvest following a pre harvest application of a product containing thiophanate methyl Application of a non benzimidazole post harvest fungicide will provide additional protection from post harvest diseases	
Gray mold	<i>Botrytis cinerea</i>	(0 035 lb ai/A)			
Bull s eye rot	<i>Neofabraea spp</i>				
NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days Do not apply more than 80 fl oz of product (2 8 lb ai) per acre per season Pre harvest Interval 24 hours * Not registered for use in California					

APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
Beans Dry and Succulent Including Lima bean Snap bean Kidney bean Mung bean Navy bean Pinto bean Wax bean Broad bean Fava bean Asparagus bean Blackeyed pea Cowpea Sweet lupine White lupine White Sweet lupine Grain lupine Chick pea Garbanzo bean	Gray mold	<i>Botrytis</i> sp	30 40		For one application Apply when 100% of plants have at least one open bloom or when conditions are favorable for disease development
	White mold	<i>Sclerotinia</i> sp	(1 0 1 4 lb ai/A)		
	Anthracnose	<i>Colletotrichum</i>	20 30 (0 7 1 0 lbs ai/A)		For multiple applications Make first application when 10% 30% of plants have at least one open bloom Follow with additional applications at 4 to 7 day intervals Apply prior to the development of disease for best results
NOTES For succulent beans do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours For dry beans do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days Do not apply more than 80 fl oz of product (2 8 lb ai) per acre per crop cycle Pre harvest Interval – <u>All States Except California</u> 14 days for succulent beans and lima beans 28 days for dry beans <u>California only</u> 14 days for succulent beans 28 days for lima beans and dry beans					
Cucurbits Cantaloupe Casaba Cucumbers Melons Pumpkins Summer and winter squash Watermelons	Acrermonium/ Cephalosporium Hypocotyl rot		10 (0 35 lb ai/A)		Apply in furrow on top of the seeds at planting Do not use less than 10 gallons of water per acre
	Anthracnose *	<i>Colletotrichum</i> sp	10		Begin applications when plants begin to run or when disease first appears and repeat at 7 14 day intervals or as needed For Target spot use at 7 day intervals as needed
	Gummy stem blight*	<i>Didymella</i> sp	(0 35 lb ai/A) for ground or aerial applications		
	Powdery mildew	<i>Erysiphe</i> sp <i>Sphaerotheca</i> sp			
	Target spot *	<i>Corynespora</i> sp			
	Belly rots *	<i>Rhizoctonia</i> / <i>Fusarium</i> sp	10 (0 35 lb ai/A)		Apply in sufficient volume to allow runoff to the soil Will not control <i>Pythium</i> or <i>Fhytophthora</i>

APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
	Suppression of Vine decline Charcoal rot	<i>Monosporascus cannonballus</i> <i>Macrophomina sp</i>	10 (0.35 lb ai/A)		Apply through buried drip irrigation (chemigation) to the root zone. For disease suppression, apply at 14 day intervals beginning at emergence and continuing to harvest. Applications weekly or biweekly beginning 4-6 weeks prior to harvest will also offer suppression, but may not be as effective as a season long program.
NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Do not apply more than 60 fl. oz. product (2.1 lb ai) per acre per season from any combination of application timings. Pre harvest Interval: 1 day. Follow resistance management guidelines under Directions for Use. * Not registered for use in California.					
Garlic (Treatment for garlic cloves prior to planting)	Penicillium clove rot			20	Completely immerse garlic cloves in suspension for at least 5 minutes. Continuously agitate the solution tank by hydraulic or mechanical means. After treatment, remove cloves from solution and drain over sand. Dry cloves after treatment and prior to planting.
Onions * Garlic (in furrow)	White rot	<i>Sclerotium cepivorum</i>	1 fl. oz. /1000 ft of row (with 12 inch row spacing) OR 40 fl. oz. (1.4 lb ai) per acre broadcast		Apply this product by spraying directly into the open furrow at the time of planting seed sets or bulbs. Not for this use through any type of irrigation system.
NOTES Do not apply more than 40 fl. oz. of product (1.4 lb ai) per acre per year. *Not registered for use in California.					
Peanuts	Early Leaf spot Late Leaf Spot Rust Limb rot Web blotch	<i>Cercospora</i> spp <i>Cercosporidium</i> spp <i>Puccinia</i> <i>Rhizoctonia</i> <i>Ascochyta</i>	10 (0.35 lb ai/A)		Begin applications 35 days after planting or when disease first appears and repeat at 14 day intervals as needed. Do not use this product alone. Use only in combination with another non benzimidazole fungicide. Follow resistance management guidelines under Directions for Use.

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APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
	NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 1 day Do not apply more than 40 fl oz of product (1 4 lb ai) per acre per year Pre harvest interval 14 days				
Pecans	Scab	<i>Fusicladium</i> sp	20		Begin applications when first leaves are showing and repeat at 3 to 4 week intervals until shuck split Do not apply after shuck split
	Brown spot	<i>Cercospora</i> sp	(0 7 lb ai/A)		
	Downy spot	<i>Mycosphaerella</i> sp			
	Powdery mildew	<i>Microsphaera</i> sp			
	Liver spot	<i>Gnomonia</i> sp			
	Stem End blight	<i>Botryosphaena</i> sp			
	Zonate leaf spot	<i>Cnstulaneella</i> sp			
	NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days Do not apply more than 60 fl oz of product (2 1 lb ai) per acre per year Pre harvest Interval 24 hours				
Pistachios	Shoot blight	<i>Botrytis</i> sp <i>Botryosphaena</i> sp	30 40 (1 0 1 4 lb ai/A)		Apply at bloom Apply in a minimum of 100 gallons per acre by ground or 20 gallons per acre by air For aerial application fly over every row or center
	NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 3 days Do not apply more than 40 fl oz of product (1 4 lb ai) per acre per season				
Potatoes	White mold	<i>Sclerotinia sclerotiorum</i>	20 30 (0 7 1 0 lb ai/A)		Make first application just prior to row closure to full bloom of the primary flower clusters (prior to petal drop) Repeat the application within 7 14 days and at 7 14 day intervals if conditions for disease development are favorable <u>Thorough coverage</u> of the lower stems and branches is essential for disease control Use a minimum of 6 gallons/Acre for aerial application Apply prior to disease development for best results May be tank mixed with other fungicides labeled for early and late blight control
	NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days Do not apply more than 80 fl oz of product (2 8 lb ai)/A/ season Pre harvest interval 21 days				

APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
Soybeans	Anthracnose	<i>Colletotrichum</i> sp	10 20		Apply from full bloom to when pods are 1/8 to ¼ in length Make a second application 14 to 21 days later Do not make the second application later than 14 days after pods average ¼ in length or when beans form in the pod Use the high rate under severe disease pressure For Seed Beans Only For seed quality make a single application at the high rate when beans form in the pod
	Brown spot	<i>Septoria</i> sp	(0 35 0 7 lb ai/A)		
	Frogeye leaf spot	<i>Cercospora sojina</i>			
	Pod and stem blight	<i>Diaporthe</i> sp and the imperfect stage <i>Phomopsis</i> sp			
	Purple seed stain	<i>Cercospora kikuchii</i>			
	White mold	<i>Sclerotinia</i> sp	15 20 (0 53 0 7 lb ai/A)		Make one application at early bloom (R 1 to R 2 stage) followed by a second application 7 14 days later if conditions are favorable for continued disease pressure Use a minimum of 5 gallons by air
	Aerial blight (suppression)	<i>Rhizoctonia solani</i>	20 (0 7 lb ai/A)		Make initial application when disease threatens (before visual symptoms appear) and repeat 14 21 days later if needed Tank mix with a DMI fungicide for soybean rust
	Soybean rust	<i>Phakopsora pachyrhiza</i>			
NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours Do not apply more than 40 fl oz (1 4 lb ai/A) per acre per season Do not make more than 2 applications per year Do not graze or feed treated vines to livestock Pre harvest interval 21 days					
Stone Fruit					
Apricots	Brown rot	<i>Monilinia</i> sp	20 30	6 7 10	Apply at early bloom (red bud) Make a second application at full bloom If needed under severe disease pressure apply additional sprays at 10 to 14 day intervals between full bloom and final pre harvest sprays
	Blossom blight	<i>Monilinia</i> sp	(0 7 1 0 lb ai/A)		
	Fruit brown rot	<i>Monilinia</i> sp	(In CA use 30 fl oz or 1 0 lb ai/A)		
NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days Do not apply more than 80 fl oz of product (2 8 lb ai) per acre per season Pre harvest interval 1 day Follow resistance management guidelines under Directions for Use					

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APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
Cherries Sweet and Sour	Brown rot	<i>Monilinia</i> sp	20 30 (0 7 1 0 lb ai/A)	6 7 10	Apply at early bloom (early popcorn) Make a second application at full bloom
	Blossom blight	<i>Monilinia</i> sp	(In CA use 30 fl oz or 1 0 lb ai/A)		If needed under severe disease pressure apply additional sprays at 10 to 14 day intervals between full bloom and final pre harvest sprays
	Fruit brown rot	<i>Monilinia</i> sp			
	Cherry leaf spot	<i>Coccomyces</i> sp	22 5 30 (0 79 1 0 lb ai/A)	7 5 10	Apply at petal fall or before when leaves first unfold and at first second and third cover sprays at 10 to 14 day intervals and one spray 14 to 21 days after harvest
	Powdery mildew	<i>Podosphaera</i> sp <i>Sphaerotheca</i> sp	20 30 (0 7 1 0 lb ai/A)	6 7 10	Apply at early bloom (early popcorn) Make a second application at full bloom
			(In CA use 30 fl oz or 1 0 lb ai/A)		
			PLUS	PLUS	PLUS
			22 5 30 fl oz (0 79 1 0 lb ai/A)	7 5 – 10	Apply at shuck fall and first cover
NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days Do not apply more than 80 fl oz of product (2 8 lb ai) per acre per season Pre harvest interval 1 day Follow resistance management guidelines under Directions for Use					
Nectarines	Brown rot	<i>Monilinia</i> sp	20 30 (0 7 1 0 lb ai/A)	6 7 10	Apply at early bloom (pink bud) Make a second application at full bloom if conditions favor disease development
	Blossom blight	<i>Monilinia</i> sp	(In CA use 30 fl oz or 1 0 lb ai/A)		If needed under severe disease pressure apply additional sprays at 10 to 14 day intervals between full bloom and final pre harvest sprays
	Fruit brown rot	<i>Monilinia</i> sp			
NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days Do not apply more than 80 fl oz of product (2 8 lb ai) per acre per season Pre harvest interval 1 day Follow resistance management guidelines under Directions for Use					

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APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
Peaches	Brown rot	<i>Monilinia</i> sp	20 30 (0 7 1 0 lb ai/A)	6 7 10	Apply at early bloom (pink bud) Make a second application at full bloom if conditions favor disease development
	Brown blight	<i>Monilinia</i> sp	(In CA use 30 fl oz or 1 0 lb ai/A)		If needed under severe disease pressure apply additional sprays at 10 to 14 day intervals between full bloom and final pre harvest sprays
	Fruit brown rot	<i>Monilinia</i> sp			
	Peach scab	<i>Cladosporium</i> sp	20 30 (0 7 1 0 lb ai/A) (In CA use 30 fl oz or 1 0 lb ai/A) PLUS 22 5 30 (0 7 9 1 0 lb ai/A)	6 7 10 PLUS 7 5 10	Apply at early bloom (pink bud) Make a second application at full bloom if conditions favor disease development PLUS Apply at shuck split and at first cover sprays
NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days Do not apply more than 80 fl oz of product (2 8 lb ai) per acre per season Pre harvest interval 1 day Follow resistance management guidelines under Directions for Use					
Plums and Prunes	Brown rot	<i>Monilinia</i> sp	20 30 (0 7 1 0 lb ai/A)	6 7 10	Apply at early bloom (green tip) Make a second application at full bloom If needed under severe disease pressure apply additional sprays at 10 to 14 day intervals after full bloom Do not apply after shuck split
	Blossom blight	<i>Monilinia</i> sp	(In CA use 30 fl oz or 1 0 lb ai/A)		
	Fruit brown rot	<i>Monilinia</i> sp			
	Black knot	<i>Dibotryon</i> sp	20 30 (0 7 1 0 lb ai/A) (In CA use 30 fl oz or 1 0 lb ai/A)	6 7 10	Apply at pre bloom and petal fall Do not apply after shuck split
	Leaf spot	<i>Coccomyces</i> sp	20 30 (0 7 1 0 lb ai/A) (In CA use 30 fl oz or 1 0 lb ai/A)	6 7 10	Apply at petal fall and shuck split Do not apply after shuck split Nonbearing application 1 spray 14 to 21 days after harvest
	NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days Do not apply more than 80 fl oz of product (2 8 lb ai) per acre per season Pre harvest interval 1 day Follow resistance management guidelines under Directions for Use				

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APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
Strawberries	Fruit rot	<i>Botrytis</i> sp	15 - 20 (0.53 - 0.7 lb ai/A)		Begin application at early bloom and continue at 7 to 10 day intervals. Use the higher rate East of the Rocky Mountains and under conditions of severe disease pressure.
	Leaf blight	<i>Dendrophoma</i> sp			
	Leaf scorch	<i>Diplocarpon</i> sp			
	Powdery mildew	<i>Sphaerotheca</i> sp			
	Crown rot * (Suppression only)	<i>Colletotrichum</i> spp	15 - 20 (0.53 - 0.7 lb ai/A)		Begin applications after establishment of the transplants and continue through bloom at 10 to 14 day intervals. Use the high rate if the fields have a history of <i>Colletotrichum</i> crown rot and/or conditions are favorable for disease development. Will not control <i>Phytophthora</i> species.
NOTES Do not apply more than 80 fl. oz. product (2.8 lb ai) per acre per year. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Pre harvest Interval 1 day. * Not registered for use in California.					
Sugarbeets	Cercospora leaf spot	<i>Cercospora</i> sp	10 - 20 (0.35 - 0.7 lb ai/A) (In CA use 10 fl. oz. or 0.35 lb ai/A)		Apply when conditions become favorable for disease development before the disease appears and follow with a non benzimidazole fungicide within 14 days of application or as needed. This product should be tank mixed with a protectant fungicide such as Agri Tin® when resistant strains of <i>Cercospora</i> are present in the field. For areas east of the Rocky Mountains, Do not make more than one application of this product per season for Cercospora leaf spot.
	Powdery mildew	<i>Erysiphe</i> sp	10 - 20 (0.35 - 0.7 lb ai/A)		Apply as soon as disease symptoms appear and follow with a non benzimidazole fungicide at 14 day intervals or as needed.
NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 days. Do not apply more than 60 fl. oz. product (2.1 lb ai) per acre per season. Pre harvest interval 21 days.					
Triticale and Fall Seeded Wheat Idaho, Oregon and Washington Only	Strawbreaker (Foot rot or Eye spot)	<i>Pseudocercospora</i> sp	20 (0.7 lb ai/A)		Apply this product at the rate indicated in a single application by air or ground after tillering but before stem elongation has begun. Use sufficient water to obtain thorough coverage.

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APPLICATION DIRECTIONS TABLE

Note Dilute sprays are not to exceed maximum rate per acre

CROP	DISEASES	SCIENTIFIC NAME	FLUID OZ /ACRE (LB AI/ACRE)	FLUID OZ / 100 GAL	USE INFORMATION
	NOTES Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours Do not apply more than 20 fl oz of product (0.7 lb ai) per acre per season Do not make more than one application per season Do not cut for hay within 90 days of application Do not allow livestock to graze in treated areas before harvest				

Note Dilute sprays are not to exceed maximum rate per acre

FOR USE ON CONIFERS

(Not for use in California)

CROP	DISEASES		RATE of PRODUCT & MINIMUM GALLONAGE	REMARKS
Conifers (Pine) Austrian Red Scots Christmas Trees	Tip blight (Diplodia)		20 fl oz /A per 100 gal /A Spray Volume	Apply at bud break Repeat 10 to 14 days later just before needles emerge from sheath repeat again 10 to 14 days after needle emergence Do not apply more than 60 fl oz of product (2.1 lb ai) / Acre / year
(Fir) Douglas	Swiss needle cast (<i>Phaeocryptopus</i>) Rhabdocline Needle cast		20 fl oz /A per 50 gal /A Spray Volume	Apply initially in early May Repeat at 4-week intervals Do not apply more than 100 fl oz of product (3.5 lb ai) / Acre / year
<ul style="list-style-type: none"> Add a spreader/sticker to improve coverage Use minimum gallonage with mist blower types of sprayers and higher gallonage with conventional sprayers Do not graze livestock in treated areas Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours 				
CONIFERS (Seedling treatment) Longleaf	Brown needle blight (<i>Scirrhia</i>)		1.25 fl oz per 9.5 oz of dry Kaolinite clay for seedling roots	Wet seedling roots in clean water then apply the product/ kaolinite mixture to wet roots
Loblolly Longleaf Slash	Fusarium and Rhizoctonia root rot		2.5 fl oz per 50 oz Kaolinite clay plus enough water to make a slurry	Thoroughly cover seedlings roots with the product/kaolinite slurry
<ul style="list-style-type: none"> Do not apply mixture to seedling foliage During treatment avoid excessive drying of roots or exposure to temperatures greater than 90° F or less than 32° F This product does not control Pythium or Phytophthora Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours 				

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DIRECTIONS FOR USE THROUGH CHEMIGATION SYSTEMS

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

Chemigation Information

Apply this product only through sprinkler irrigation systems including center pivot lateral move end tow side (wheel) roll traveler big gun solid set or hand move or drip (mini-micro sprinklers strip tubing trickle) irrigation systems Do not apply this product through any other type of irrigation system

Crop injury lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water

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

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

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

System Requirements

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

The system must contain a functional check valve vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow The pesticide injection pipeline must contain a functional automatic quick-closing check valve to prevent the flow of fluid back toward the injection pump The pesticide injection pipeline must also contain a functional normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down

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

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

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

Application Instructions

Observe the requirements in the System Requirements section above

Apply this product only through systems containing anti-siphon and check valves designed to prevent water source contamination or overflow of the mix tank and containing interlocking controls between the metering device and the water pump to ensure simultaneous shut-off

Maintain a gentle continuous agitation in mix tank during mixing and application to assure a uniform suspension

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

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

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

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

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

Spray Preparation

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

Prepare a suspension of this product in a mix tank Fill the tank with $\frac{1}{2}$ or $\frac{3}{4}$ the desired amount of water Start mechanical or hydraulic agitation Slowly add the required amount of this product and then the remaining volume of water

Sprinkler Irrigation – Notes

Observe all System Requirements and application instructions above

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

Do not apply when wind speed favors drift beyond the area intended for treatment Where sprinkler distribution patterns do not overlap sufficiently unacceptable disease control is a result

Check local restrictions and requirements regarding sprinkler irrigation application as they vary from state to state

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

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



STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

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

PESTICIDE DISPOSAL Pesticide wastes are toxic Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law If these wastes cannot be used according to label instructions contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance

CONTAINER HANDLING

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

[Nonrefillable Containers 5 Gallons or Less]

Nonrefillable container Do not reuse or refill this container Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip Fill the container 1/4 full with water and recap Shake for 10 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities Plastic containers are also disposable by incineration or if allowed by State and local authorities by burning If burned stay out of smoke

[Nonrefillable containers larger than 5 gallons]

Nonrefillable container Do not reuse or refill this container Triple rinse or pressure rinse container (or equivalent) promptly after emptying **Triple rinse as follows** Empty the remaining contents into application equipment or a mix tank Fill the container 1/4 full with water Replace and tighten closures Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds Stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times **Pressure rinse as follows** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal Insert pressure-rinsing nozzle in the side of the container and rinse at about 40 psi for at least 30 seconds Drain for 10 seconds after the flow begins to drip Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities Plastic containers are also disposable by incineration or if allowed by State and local authorities by burning If burned stay out of smoke

[Refillable containers]

Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank Fill the container about 10% full with water Agitate vigorously or recirculate water with the pump for two minutes Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE UNINTENDED CONSEQUENCES INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS OR THE MANNER OF USE OR APPLICATION INCLUDING WEATHER ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER MANUFACTURER AND SELLER AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS

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