

atochem
ATO

MAR 20 1992

SHAKE WELL BEFORE USING

MANEB PLUS ZINC F4

Fungicide

ACTIVE INGREDIENT:

Maneb (Manganese Ethylenebisdithiocarbamate) 37%
(Equivalent to manganese metallic 7.6%)

INERT INGREDIENTS:

TOTAL 100%

This product contains 4 pounds Maneb per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES, flush eyes with plenty of water. Call a physician if irritation persists.

IF ON SKIN, wash with plenty of soap and water. Get medical attention if irritation persists.

See Back Panel for Additional Precautionary Statements

EPA Registration No. 4581-359

EPA Establishment No. 4581-TX-1

Net Contents 2.5 U.S. Gallon/9.46 Liters

Sold by:

ELF ATOCHEM NORTH AMERICA, INC.—AGCHEM DIVISION
Philadelphia, PA

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)
CAUTION

HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN, OR INHALED. CAUSES MODERATE EYE IRRITATION. Avoid contact with skin, eyes, or clothing. Avoid breathing mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

ENVIRONMENTAL HAZARDS

This product is toxic to fish.

Do not apply directly to water, except as specified for the labeled use on cranberries to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

GENERAL INFORMATION

Do not use this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas within 24 hours of application unless wearing the protective clothing listed below. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

After sprays have dried, do not enter or allow entry into treated areas or areas where there is a danger of drift until the 24-hour reentry interval has expired unless wearing the personal protective equipment listed on this label.

Keep all unprotected persons, children, livestock, and pets away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. See Statement of Practical Treatment.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

PERSONAL PROTECTIVE EQUIPMENT

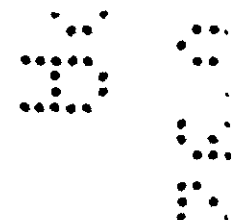
HANDLERS (MIXERS, LOADERS, AND APPLICATORS) AND EARLY REENTRY WORKERS MUST WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: coveralls over long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. During mixing and loading, a chemical-resistant apron and goggles or a face shield must also be worn. For agricultural workers, where completely enclosed cabs with positive pressure filtration or an enclosed cockpit for aerial application are used, a long-sleeved shirt and long pants may be worn in place of the protective clothing described above. Chemical-resistant gloves must be available in the cab or cockpit and worn upon exiting. The gloves must be kept in an enclosed container in the cab or cockpit to prevent contamination of the inside of the cab or cockpit.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face, and arms with soap and water before eating, smoking or drinking. Always wash hands and arms with soap and water before using the toilet.

After work, take off all clothes and shoes. Shower using soap and water. Wear only clean clothes. Do not use contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment drenched with maneb must be destroyed according to state and local regulations.

DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

During aerial application, human flaggers are prohibited unless in totally enclosed vehicles.



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REENTRY STATEMENT

When oral warnings must be given to workers who are expected to enter a treated area or in an area about to be treated with this product. When oral warnings are given, such warnings shall be given in a language customarily understood by the workers. Oral warnings cannot be given if there is reason to believe that written warnings cannot be understood by the workers. Written warnings must include the following information: CAUTION. Area treated with MANEB PLUS ZINC F4 Fungicide on (date of application). Do not enter without protective clothing within 24 hours after application.

DIRECTIONS FOR USE AS A SPRAY

FOR GROUND APPLICATIONS use at the rate indicated in sufficient water for thorough coverage, minimum of 10 gallons. Increased volume of water may be necessary as foliage density increases.

FOR AIR APPLICATION use at the rate indicated in sufficient water for thorough coverage, a minimum of 3 gallons per acre for field crops and 10 gallons per acre for orchard crops.

When dosage ranges are given, use the higher rate and shorter interval under severe disease pressure, but do not exceed the maximum rate or apply more frequently than the minimum interval given in the directions for that crop.

If this product is used on a crop, no other product containing a different EBDC active ingredient may be used on the same crop during the same growing season.

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2b Plus Zinc F4
GETABLE CROP USES

CROP	DISEASES	RATE QTS/ACRE	DIRECTIONS
Beans (Dry)	Anthracnose Downy Mildew Rust	1.2 - 1.6	Begin when plants are Spray on a 5-7 day interval. Do not apply more than lbs. active ingredient qts. product) per acre season. Do not apply within 30 days of harvest.
Broccoli Brussels Sprouts Cauliflower	Alternaria Leaf Spot Downy Mildew	1.2 - 1.6	Begin when disease threatens. Spray on a 7 day interval. Do not apply more than 9.6 lbs. active ingredient (9.6 qts. product) per acre per season. Do not apply within 7 days of harvest.
Cabbage Kohlrabi Chinese Cabbage (tightheaded only)	Alternaria Leaf Spot Downy Mildew	1.2 - 1.6	Plant beds and direct seed fields: Apply when disease threatens. Spray on a 7-10 day interval. Do not apply more than 9.6 lbs. active ingredient (9.6 qts. product) per acre per season. Do not apply later than 7 days before harvest.
Chinese Cabbage (loose head) (California and Hawaii Only)	Alternaria Leaf Spot Downy Mildew	0.8 - 1.2	Plant beds and direct seed fields: Apply when disease threatens. Spray on a 7-10 day interval. Do not apply more than 7.2 lbs. active ingredient (7.2 qts. product) per acre per season. Do not apply later than 7 days before harvest in California and 10 days before in Hawaii.

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AVAILABLE CROP USES

CROP	DISEASES	RATE QTS/ACRE	DIRECTIONS
			<u>East of the Mississippi</u> (including Arkansas & Louisiana)
Sweet Corn	Common Rust	1.2	Use sufficient water for thorough coverage. Start applications when disease first appears and repeat 3-10 day intervals. Add recommended surfactant or spreader/sticker if needed for better coverage. Do not apply within 7 days of harvest. Do not apply more than 18 lbs. active ingredient (18 qts. product) per acre per season. Do not feed treated forage to livestock.
Popcorn	Helminthosporium		
Sweet Corn	Blight		
used for seed production			
			<u>West of the Mississippi</u> (except Arkansas & Louisiana)
		1.2	Use sufficient water for thorough coverage. Start applications when disease first appears at 3-10 day intervals. Add a recommended surfactant or spreader/sticker if needed for better coverage. Do not apply within 7 days of harvest. Do not apply more than 6.0 lbs. active ingredient (6.0 qts. product) per acre per season. Do not feed treated forage to livestock.
Cucumbers	Alternaria (Macrosporium) Leaf Spot Angular Leaf Spot Anthracnose Downy Mildew Pythium Fruit Rot	1.2 - 1.6	Begin when disease threatens or plants begin to run. Spray on a 7-10 interval. Do not apply more than 12.8 lbs. active ingredient (12.8 qts. product) per acre per season. Do not apply within 5 days of harvest.
Eggplant	Anthracnose Septoria Leaf Spot Cladosporium Leaf Mold Early Blight Late Blight Gray Leaf Spot (Stemphylium)	1.2 - 1.6	Begin at first fruit cluster and repeat at 7-10 day intervals. Do not apply more than 11.2 lbs. active ingredient (11.2 qts. product) per acre per crop. Do not apply within 5 days of harvest.

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DISEASES
Alternaria
Leaf Spot
Downy Mildew

RATE
QTS/ACRE DIRECTIONS
1.2 - 1.6 Begin when disease thre
and apply on a 7-10 day
interval. Do not use mo:
than 3.2 lbs. active
ingredient (3.2 qts.
product) per cutting. Do
apply within 10 days of
harvest.

Lettuce
(Head and
Leaf)
Endive

Downy Mildew 1.2 - 1.6 Apply when disease appear
Spray on a 7-10 day inter
Do not apply more than 9
active ingredient (9.6 qt
product) per acre per
season. Do not apply with
10 days of harvest.
Remove residues from head
lettuce by stripping and
trimming.

California - Spray on a
7-10 day interval. Do not
apply more than 6.4 lbs.
active ingredient maximum
(6.4 qts. product) per acre
per season. Do not apply
within 14 days of harvest.

Melons
including:
cantaloupes,
casabas,
crenshaws
honeydews
watermelons

Alternaria
Leaf Spot
Anthracnose
Cercospora
Leaf Spot
Downy Mildew
Gummy Stem
Blight

1.2 - 1.5 Apply as soon as plants
begin to run or when disease
threatens. Spray on a 7-10
day interval. Do not apply
more than 12.8 lbs. active
ingredient (12.8 qts.
product) per acre per
season. Do not apply within
5 days of harvest.

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VEGETABLE CROP USES

CROP	DISEASES	RATE QTS/ACRE	DIRECTIONS
Onions (Dry Bulb)	Botrytis Leaf Blight Downy Mildew Neck Rot Purple Blotch	1.6 - 2.4	Begin applications when diseases are first reported in the area at 7-day intervals throughout the season. Do not apply within 7 days of harvest. Do not apply more than 24 lbs. active ingredient (24 qts. product) per acre per season. Do not apply to exposed bulbs.
Onions (Green)	Botrytis Leaf Blight Downy Mildew Neck Rot Purple Blotch	1.6 - 2.4	Begin applications when diseases are first reported in the area at 7-day intervals throughout the season. Do not apply within 7 days of harvest. Do not apply more than 16.8 lbs. active ingredient (16.8 qts. product) per acre per season. Do not apply to exposed bulbs.
(Furrow Drench)	Smut	2.4	Apply as a furrow drench at time of planting onion seeds. Use 75 to 125 gallons of water per acre. Do not use more than 2.4 lbs. active ingredient (2.4 qts. product) per 29,000 linear feet of row (18 inch spacing). Do not use in California.
Peppers	Anthracnose Cercospora Leaf Spot (Frogeye spot) Phytophthora Blight Ripe Rot	1.2 - 2.4	<p><u>East of the Mississippi</u></p> <p>Begin when disease threatens. Spray on a 7-10 day interval. Do not apply more than 14.4 lbs. active ingredient (14.4 qts. product) per acre per season. Do not apply within 7 days of harvest.</p> <p><u>West of the Mississippi</u></p> <p>Begin when disease threatens. Spray on a 7-10 day interval. Do not apply more than 9.6 lbs. active ingredient (9.6 qts. product) per acre per season. Do not apply within 7 days of harvest.</p>

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CROP	DISEASES	RATE QTS/ACRE	DIRECTIONS
Potatoes	Early Blight	1.2 - 1.6.	Begin when plants are 2 to 6 inches high. Apply on a 5-10 day interval. Do not apply more than 11.2 lbs. active ingredient (11.2 qts. product) per acre per season. Do not apply within 14 days of harvest except for: Florida, Connecticut, Maine, Massachusetts, New Hampshire, New York, Pennsylvania, Vermont, Wisconsin where the PHI is 3 days. It is recommended that this product be used with an Integrated Pest Management Program. Vine kill should occur 14 days before harvest.
	Late Blight		
Potatoes (Seed Pieces)	Fusarium Seed Piece Decay	0.8 qt. per 10 gal.	Seed piece treatment only. Dip whole or cut tubers. Spread in cool place if held before planting. Do not use treated seed piece for food, feed, or oil purposes.

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VEGETABLE CROPS

CROP	DISEASES	RATE QTS/ACRE	DIRECTIONS
Pumpkins	Angular Leaf Spot Downy Mildew	1.2 - 1.6	Begin when disease threatens. Spray on a 7-10 interval. Do not apply more than 12.8 lbs. active ingredient (12.8 qts. product) per acre per season. Do not apply within 5 days of harvest.
Squash (Summer and Winter)	Anthracoſe Downy Mildew	1.2 - 1.6	Begin when plants start to run. Spray on a 7-10 interval. Do not apply more than 12.8 lbs. active ingredient (12.8 qts. product) per acre per season. Do not apply within 5 days of harvest.
Tomatoes (Greenhouse and Field)	Anthracoſe Septoria Leaf Spot Cladosporium Leaf Mold Early Blight Late Blight Gray Leaf Spot (Stemphylium)	1.2 - 2.4	<u>East of the Mississippi</u> Begin at first fruit cluster and repeat on a 7-10 day intervals. Do not apply within 5 days of harvest. Do not apply more than 16.8 lbs. active ingredient (16.8 qts. product) per acre per crop.
		1.2 - 1.6	<u>West of the Mississippi</u> Spray on a 7-10 interval. Do not apply more than 6.4 lbs. active ingredient (6.4 qts. product) per acre per season. Do not apply within 5 days of harvest.

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FRUIT CROPS

CROPS FOR POME FRUITS	DISEASES	RATE QTS/ACRE	DIRECTIONS
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Use either the "Pre-Bloom" or "Extended Application" schedules.
DO NOT COMBINE OR INTEGRATE THE TWO TREATMENT SCHEDULES.

Apples,	Rusts	4.8
	(including	or
	Cedar apple)	(1.2 qts.
	Fabrea Leaf	per 100
	Spot	gal. in
	Flyspeck	dilute
	Scab	spray)
	Sooty Blotch	

PRE-BLOOM: Begin applica-
tions at 1/4 to 1/2 inch
green tip and continue on a
7- to 10-day application
schedule through bloom.
Do not apply more than 19.2
lbs. active ingredient (19.2
qts. product) per acre per
year. Do no graze livestock
in treated areas.

2.4
or
(0.6 qts.
per 100
gal. in
dilute
spray)

EXTENDED APPLICATION OR TANK
MIX: 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 within 77
days of harvest. Do not apply
more than 16.8 lbs. active
ingredient (16.8 qts. product) per
acre per year. Do not graze
livestock in treated areas.
It is recommended that this
product be used in an Integrated
Pest Management Program.

Add spreader/sticker to spray
mixture for cover sprays and tank
mix with an effective systemic
protectant/curative fungicide for
more effective control of
diseases.

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FRUIT AND NUT CROPS

CROPS	DISEASES	RATE QTS/ACRE	DIRECTIONS
Almonds	Brown Rot	4.8 - 6.4	Apply at popcorn, full bloom, and petal fall or every 7 to 10 days if bloom is staggered. Omit petal fall spray if only brown rot is present. Do not apply later than 5 weeks after petal fall or within 145 days of harvest. Do not apply more than 25.6 lbs. active ingredient (25.6 qts. product) per acre per season. Do not allow livestock to graze in almond orchards.
	Blossom and	or	
	Twig Blight	(1.2 - 1.6	
	Scab	qts per	
	Shot-hole	100 gal.	
	Fungus (Leaf	in a	
	Blight)	dilute	
		spray)	
Bananas	Sigatoka	1.6 - 2.4	Apply when leaves first appear and repeat as needed on a 14-21 day interval. Do not apply more than 24 lbs. active ingredient (24 qts. product) per acre per season. May be applied up to the day of harvest.
Cranberries	Fruit Rot	3.8 - 4.8	Begin applications at mid-bloom and repeat at 7-10 day interval. Do not apply more than 14.4 lbs. active ingredient (14.4 qts. product) per season. Do not apply within 30 days of harvest.

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CROP	DISEASES	RATE QTS/ACRE	DIRECTIONS
Grapes	Black Rot	1.2 - 3.2	<u>East of the Rocky Mountains</u> Apply in sufficient water to provide thorough coverage starting when shoots are 1/2 to 1 1/2 inches long and continue at 7-10 day intervals until fruit is set. Do not apply within 66 days of harvest. Do not apply more than 19.2 lbs. active ingredient (19.2 qts. product) per acre per season.
	Bunch Rot	or	
	Deadarm	(0.3 - 0.8	
	Downy Mildew	qts per 100 gal. in a dilute spray)	
Kadota figs	Surface Mold (Cladosporium)	0.6 qts/ 100 Gal	<u>West of the Rocky Mountains</u> Apply when shoots are 1/2 to 1 1/2 inches long and continue at 7-10 day intervals. Do not apply more than 6.0 lbs. active ingredient (6.0 qts. product) per acre per season. Do not apply within 66 days of harvest except in California.
	Surface Rot (Alternaria)		
Papayas	Surface Mold	0.6 qts/ 100 Gal	<u>California -</u> Do not apply after bloom.
	(Cladosporium)		
	Surface Rot		
	(Alternaria)		
Papayas	Anthracnose	1.6 - 2.0	Apply when disease first threatens and 14-21 day intervals. Do not apply more than 28 lbs. active ingredient per season (28 qts. product). May be applied up to the day of harvest.
	Phytophthora	or	
	Fruit Rot	(0.4 - 0.5	
	Cercospora	qts per 100 gal. in a dilute spray)	
	Black Spot		

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FIELD CROPS

CROP

Sugarbeets

DISEASES

Cercospora
Leaf Spot

RATE

QTS./ACRE DIRECTIONS

1.2 - 1.6 Apply when disease appears.
Spray on a 7-10 day
interval. Do not apply more
than 11.2 lbs. active
ingredient (11.2 qts.
product) per season. Do not
apply within 14 days of
harvest.

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COMMERCIAL ORNAMENTAL CROP USES
(NOT FOR HOMEGARDEN USE)

DO NOT USE ANY OF THESE CROPS FOR FOOD OR FEED PURPOSES

CROP	DISEASES	RATE QT/100 GAL	REMARKS
Carnations	Alternaria Leaf Spot Anthracnose Botrytis Blight	0.8-1.2	Begin when new growth starts Repeat weekly
Chrysanthemums	Ascochyta Ray Blight Botrytis Petal Spot Septoria Leaf Spot	12.8 fl oz PLUS Captan 50W 3.4 lbs per 100 gal water	Apply twice weekly during the blooming season for Petal Spot and Ray Blight. For Septoria Leaf Spot apply weekly throughout the season
Dahlias	Alternaria Leaf Spot Botrytis Blight	0.8-1.2	Begin when new growth starts Repeat weekly
Dogwood	Anthracnose	0.8-1.2	Begin when buds open. Repeat when bracts fall 4 weeks later and in later summer
Gladiolus	Botrytis Blight Curvularia and Stemphylium Leaf Spots	1.2	Begin when flower spikes are developing. Repeat 2 to 3 times at weekly intervals
Grasses	Brown Patch	4.8 fl oz in sufficient water/1000 sq ft	Begin at first sign of disease. Repeat at 7- to 14-day intervals
	Dollar Spot	9.6-12.8 fl oz in sufficient water/1000 sq ft	Apply as for Brown Patch. above
	Melting-Out	4.8-6.4 fl oz in sufficient water/1000 sq ft	Apply as for Brown Patch. above
	Leaf Stem and Stripe Rusts	4	Begin when rust pustules are first seen. Repeat at 7- to 14-day intervals Do not graze treated areas. Do not feed clippings to livestock
Lilies	Botrytis Blight	0.8-1.2	Begin with new growth. Repeat weekly
Pansies	Anthracnose	0.8-1.2	Begin with new growth. Repeat weekly
Peonies	Alternaria Leaf Spot Botrytis Blight Phytophthora Blight	0.8-1.2	Apply to foliage and soil in early spring and early fall and 7- to 10-day intervals during the growing season
Roses	Black Spot Cercospora Leaf Spot (Texas) Rust (California)	0.8-1.2	Begin when first leaves unfold Repeat at 7- to 10-day intervals
Snapdragons	Rust	3.8-1.2	Begin with emergence. Repeat weekly
Zinnias	Alternaria Blight Leaf Spot Botrytis Blight	0.8-1.2	Begin with emergence. Repeat weekly

Do not use on
pasture or range
grasses. Do not
feed clippings
to livestock.
Do not use if
grass is grown
for seed.

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CHEMIGATION
NOT FOR THIS USE IN CALIFORNIA

GENERAL INSTRUCTIONS

Apply this product only through sprinkler irrigation systems including center pivot, lateral move, and low side wheel, roll, travel, big gun, solid set, or hand move. 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 nonuniform 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

Systems 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.

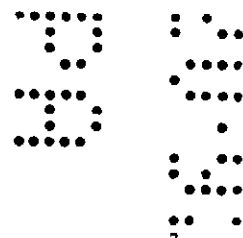
The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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.

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.



INSTRUCTIONS FOR SPRINKLER (OVERHEAD) IRRIGATION

Observe the requirements in the following paragraphs carefully.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Apply MANEB PLUS ZINC F4 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 insure 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 recommended quantities of irrigation water per acre may result in decreased 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 valve set nearest the well pivot injection unit to prevent spray being applied to this area.

Where sprinkler distribution patterns do not overlap sufficiently, unacceptable disease control may result.

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

MANEB PLUS ZINC F4 may be applied in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, may cause a degradation of the pesticide, resulting in reduced performance and should be avoided.

Check local restrictions and requirements regarding sprinkler irrigation applications, as they may vary from state to state.

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 MANEB PLUS ZINC F4 in a mix tank. Fill the tank with 1/2 or 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of MANEB PLUS ZINC F4 and then the remaining volume of water.

APPLICATION INSTRUCTIONS

Set sprinkler system to deliver 0.1 to 1.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and then uniformly inject the suspension of MANEB PLUS ZINC F4 into the irrigation water line so as to deliver the desired rate per acre. The suspension of MANEB PLUS ZINC F4 should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.

NOTE: When treatment with MANEB PLUS ZINC F4 has been completed, do not irrigate the treated area for 24 to 48 hours to prevent washing the chemical off the crop.

STORAGE AND DISPOSAL

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

Storage Instructions: Store in the original container. Keep away from fire and sparks. Store in a cool place, but not below 32°F. Do not allow product to become overheated in storage as this may bring on chemical changes which will impair the fungicide effectiveness of MANEB PLUS ZINC F4 Fungicide. Keep container closed when not in use. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, absorb with sand or other inert material and dispose of absorbent in accordance with the Pesticide Disposal Instructions listed below.

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

Container Disposal Instructions: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND DISCLAIMER

El Alchem North America warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. EL ALCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL EL ALCHEM OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LATE COST; OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

El Alchem and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of El Alchem.