Please read instructions on reverse be	fore completing form.	8/-37/ Form Ap	proved. OMB No. 207	70-0060. Approval expires 3-28-95		
SEPA Enviro	United States nmental Protection Washington, DC 2046		Registration Amendment X Other			
	Application	n for Pesticide - Sec	tion I			
1. Company/Product Number 4581-	-371	2. EPA Product Mar We1ch	nager	3. Proposed Classification		
4. Company/Product (Name) Maneb 75DF Dry Flowable	Fungicide.	PM# 21		X None Restricted		
5. Name and Address of Applicant find Elf Atochem North America, L Agrichemicals Division, 21st 2000 Market Street, Phila.,	nc. Floor	(b)(i), my product to:	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No.			
Check if this is a new a	address	Product Name				
		Section - II				
Amendment - Explain below. Resubmission in response to Ag Notification - Explain below.	rency letter dated	Agency let	ed labels in response to ter dated Application.			
Explanation: Use additional page(s) if necessary. (For section (and Section II.) Notification of: Add "almond leaf rust" to disease listings on almonds. This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.						
		Section - III				
1. Material This Product Will Be Packag	jed In:					
Child-Resistant Packaging Unit Pack Yes* Ye No	• -	Water Soluble Packaging Yes . No	F	Aetal Plastic Blass		
* Certification must be submitted If "Yes" Unit Pack	No. per aging wgt. container	If "Yes" No. per Package wgt contains		aper Other (Specify)		
3. Location of Net Contents Information Label Container	4. Size(s) Retai	l Container	5. Location of Label I	Directions accompanying product		
6. Manner in Which Label is Affixed to	Product Lithogra	ph Othe		accompanying product		
	Stencile	Section - IV				
1. Contact Point (Complete items direc	thy helow for identification		if necessary, to proce	ess this écolication l		
Name	<u> </u>	itle		lephone No. (Include Area Code)		
Christopher Davis	£	lanager, Product Reg	4	215-419-2147		
I certify that the statements I had I acknowledge that any knowing both under applicable law.		Il attachments thereto are tru	· · · · · · · · · · · · · · · · · · ·	6. Date Application etc. Recoived		
2. Signature	М	nue Anager, Product Regi	stration			
4. Typed Mame Christopher Davis	5.	9/8/95		A. C. C. Williams		
FPA Form 8570-1 (Rev. 8-94) Previous	aditione era absolute	1871	ite - FDA Eile Conv. Jo	riginall Vallow - Applicant Conv		

elf atochem







DRY FLOWABLE FUNGICIDE

ACTIVE INGREDIENT:

(Manganese equivalent as metallic 16.5%)

INERT INGREDIENTS: 25.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician, Never give anything by mouth to an unconscious person.

IF INHALED, remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.

IF ON SKIN, immediately flush skin with plenty of water. Get medical attention if irritation persists.

See following pages for General Information, Directions for Use, and Chemigation Instructions. Do not apply this product through any type of irrigation system unless these instructions are followed.

EPA Registration No. 4581-371 EPA Establishment No. 33910-HL-01

Net Contents

ELF ATOCHEM NORTH AMERICA, INC. **Agchem Division**

2000 Market Street, Philadelphia, PA 19103

PRECAUTIONARY STATEMENTS Hazards To Humans (And Domestic Animals)

CAUTION

HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. Avoid contact with skin or clothing. Avoid breathing spray mist or dust.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- . Coveralls over long-sleeved shirt and long pants
- · Protective eyewear when mixing or loading
- · Waterproof gloves
- . Shoes plus socks
- . Chemical-resistant apron when cleaning equipment, mixing or toading

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS:

When handlers use closed systems, enclosed cabs, or aircraft 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.

Human flaggers must be in enclosed cabs.

The enclosed cabs must be used 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.

USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean plothing.
- 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 product is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Except as specified for the labeled use on cranberries, 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 disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its tabeling. 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 exception 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, soil, or water, is:

- . Coveralls over long-sleeved shirt and long pants
- · Waterproof gloves
- Shoes plus socks

INSTRUCTIONS FOR APPLICATION

MANEB 75DF may be used as a spray for the control of many fungus plant diseases. It mixes readily with water, suspends well, and adheres to sprayed surfaces with a minimum of runoft. MANEB 75DF is recommended for control of the diseases on the crops listed on the label. SPRAYS:

Place MANEB 75DF into suspension prior to adding an adjuvant to the spray mixture. Read and carefully observe the precautionary statements and all other information appearing on the product labels prior to spray preparation.

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

To prepare mixture, sift in the required amount of product when the agitator paddles or the jet or recirculating pipe from pump are covered. Fill the tank with water when the product is thoroughly mixed. Three to four level teaspoonfuls of MANEB 75DF per one gallon of water is equivalent to 1½ to 2 pounds per 100 gallons.

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

When decade capies are given use the higher rate and shorter integrals under reversible.

When dosage ranges are given, use the higher rate and shorter intervals 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.

MAXIMUM SEASONAL POUNDAGE WHEN USED IN CONJUNCTION WITH ONE OR MORE OTHER EBDC PRODUCTS

EOLIAR 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 meticam) 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 EBBC Products Used Allow Different Maximum
Poundage of Active Ingredient Per Acre Per Season

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 toliar applications permitted by the formula stated above, a single application for seed treatment may be made on crops which have registered seed treatment uses.

VEGETABLE CROP USES

CROPS	DISEASES	RATE LBS/ACRE	DIRECTIONS
Beans (Dry)	Anthracnose Downy Mildew Rust	1.5-2.0	Begin when plants are small. Spray on a 5-7 day intervat. Do not apply more than 9.6 lbs. active ingredient (12.8 lbs. product) per acre per season. Do not apply within 30 days of harvest.
Broccoli Brussels Sprouts Caulillower	Alternaria Lez! Spot Downy Mildew	1.5-2.0	Begin when disease threatens. Spray on a 7-10 day interval. Oo not apply more than 9.6 lbs. active ingredent (12.8 lbs. product) per acre per season. Do not apply within 7 days of harvest.
Cabbage Kohlrabi Chinese Cabbage (tightheaded only)	Alternaria Leaf Spot Downy Mildew	1.5-2.0	Plant beds and direct seeded fields: Spray on a 7-10 day interval. Do not apply more than 9.6 lbs. active ingredient (12.8 lbs. product) per acre per season. Do not apply later than 7 days before harvest.
Chinese Cabbage (loose head)	Alternaria Leaf Spot Downy Mildew	1,0-1,5	Plant beds and direct seeded fields: Spray on a 7-10 day interval. Do not apply more than 7.2 lbs. active ingredient (9.6 lbs. product) per sore per season. Do not apply later than 10 days before harvest.
Sweet Corn Paparen Sweet Corn used for seed production	Common Rust Helminthosporium Blight	1.5	East of the Mississippi (including Arkansas & Louistana) Use sufficient water for thorough coverage. Start applications when disease first appears and repeat at 3-10 day intervals. Add a recommended surfactant or spreader/sticker in needed for better coverage. Do not apply within 7 days of tarvest. Do not apply more than 18 tbs. active ingredient (24.0 tbs. product) per acre per season. Do not feed treated forage to Rivestock.
		1.5	West of the Mississippi (except Arkansas & Lousiana). Use sufficient water for thorough coverage. Start applications when disease first appears at 3-10 day intervals. Add a renormended surfactant or spreader/sticker if geeded for better coverage. Qo for apply, within 7 days of harvest. Do not apply more than 6.0 lbs. active ingredient (3.0 lbs. product) per acre per season 0 opt feet treated forage to livestock. « « e e e e
Cucumbers	Altemaria (Macrosporlum) Leaf Spot Angular Leaf Spot Anthracnose Downy Mildew Pythium Fruit Rot	1.5-2.0	Begin when disease threatens or plants- begin to run. Spray on a 7-10 day intervals Do not apply fings than 12.8 lbs. active ingradient (77.7 ftg. product) per agre ger, 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)	1.5-2.0	Begin at first fruit challer and repeat at 7-10 day intervat. On not apply more than 11.2 lbs. active ingle&em*(14.9 lbs. product) per acre per crops_0 or xt apply within 5 days of harvest.

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CROPS	DISEASES	EATE LBS/ACRE	DIRECTIONS
Kale NOT FOR USE IN CALIFORNIA	Alternaria Leaf Spot Downy Mildew	1.5-2.0	Begin when disease threatens and apply on a 7-10 day interval. Oo not use more than 3.2 lbs, active ingredient (4.2 lbs. product) per cutting. Do not apply within 10 days of harvest.
Lettuce (Flead and Leaf Endive	Downy Mildew	1.5-2.0	Apply when disease appears. Spray on a 7-10 day intervat. On not apply more than 9.6 lbs. active ingredient (12.8 tbs. product) per aure per season. Do not apply within 10 days of harvest. Remove residues from head lettuce by stripping and tramming. California — Spray on a 7-10 day interval. Do not apply more than 6.4 lbs. active ingredient maximum (8.5 lbs. product) per agre per
Metons including: cantaloupes, casabas, crenshaws honeydews watermetons	Atternaria Leaf Spot Anthracoose Cercospora Leaf Spot Downy Mildew Gummy Stern	1 0-2.0	Apply as soon as plants begin to run or when disease threatens. Spray on a 7-10 day interval. Do not apply more than 12.6 lbs, active ingredient (17.1 lbs. product) per acre per season. Do not apply writin 5 days of harvest.
Onions (Dry Bulb)	Blight Botrytis Leaf Blight Downy Mildew Neck Rot Purple Blotch	2,0-3.0	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 (32.0 lbs. product) per acre per season. Do not apply to exposed builbs.
Oniona (Green)	Botryfis Leaf Blight Downy Mildew Neck Rot Purple Blotch	2.0-3.0	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 (22.4 lbs. product) per acre per season. Do not apply to exposed bulbs.
Onions (Furrow Drench)	Smut	3.0	Apply as a furrow drench at time of planting onlon seeds. Use 75 to 125 gallons of water per acre. Do not use more than 2.4 lbs. active ingredient (3.2 lbs. product) per 29,000 linear teef of row (18 inch spacing). Do not use in California.
Peppers	Anthracnose Cercospora Leaf Spot (Frogeye spot) Phytophthora Blight Ripe Rot	1.5-3.0	East of the Mississippi: Begin when disease threatens. Spray on a 7-day interval. Do not apply more than 14.4 lbs. active ingredient (19.2 lbs. product) per acre per season. Do not apply within 7 days of harvest.
		1.5-2.0	West of the Mississippi: Begin when disease threatens, Spray on a 7-10 day interval. Do not apply mere than 9-6 lbs. active ingredient (12.8 lbs. product) per acre per season. Do not apply within 7 days of harvest.
Potatoes	Early Blight Late Blight	1.5-2.0	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 (14.9 lbs. product) per acre per season. Do not apply within 14 days of harvest (except in: Connecticut, Delaware, Florida, Maine, Massachusetts, Michigan, New Hampshire, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Wisconsin, when a 3 day PHI is allowed). It is recommended that this product be used with an integrated Pest Management Program. Vine kill should occur 14 days before harvest.
Potatoes (Seed Pieces)	Fusarium Seed Plece Decay	1.0 lb. per 10 gal.	Seed piece treatment only. Dip whole or cut turbers. Spread in cool place if held before planting. Do not use treated seed piece for tood, feed, or oil purposes.
Pumpkins	Angular Leaf Spot Downy Mildew	1.5-2.0	Begin when disease threatens. Spray on a 7-10 day interval. Do not apply more than 12.8 tbs, active ingredient (17.1 tbs. product) per acre per season. Do not apply within 5 days of harvest.
Squasit (Summer and Winter)	Anthracnose Downy Mildew	1.5-2.0	Begin when plants start to run. Spray on a 7-19 day interval. Do not apply more than 12.8 lbs. active ingredient (17.1 lbs. product) per acre per season. Do not apply within 5 days of harvest.
Tomatives (Greenhouse and Field)	Anthracnose Septoria Leaf Spot Cladosporium Leaf Mold Early Blight	1.5-3.0	East of the Mississippl: Begin at first fruit cluster and repeat on 7-10 day intervals. Do not apply within 5 days of harvest. Do not apply more than 16.8 lbs. active ingredient (22.4 lbs. product) per acre per crop.
	Late Bight Gray Leat Spot (Stemphyllum)	1.5-2,0	West of the Mississippi: Spray on a 7-18 day interval. Do not apply more than 6.4 bs. active ingredient (8.5 bs. product) per acre per season. Do not apply within 5 days of barvest.

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CHOPS	DISEASES	RATE LBS/ACRE	DIRECTIONS
FOR POME FRUITS Use either the "Pre-Bloom" or "Extended Application" schedules.			
Apples	Busts (including Cedar apple) Fabraca Leaf Spot Flyspeck Scat Sooty Blotch	6 0 or (1.5 lbs. per 190 gal. in dikute spray)	TWO TREATMENT SCHEDULES. PRE-BLOOM: Begin applications at ½ to ½ inch green the and continue on a 7-to 10-day application schedule through bloom. Do not apply more than 19.2 this active ingredient (25.5 this, product) per acre per year. Ou not graze fivestock in treated areas. EXTENDED APPLICATION OR TANK MIX: Applications based on tree-row volume or for use
		(0,75 lbs per 100 gat. in dilute spray)	as a resistance management tool: begin applications at % to ½ lach green tip and continue applications on a 7- to 10-tay 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 (22.4 lbs, 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.
Almands	Almond Leaf Rust Brown Rot Blossom and Twig Blight Scab Shot-hole Fungus (Leaf Blight)	6.0-8.0 or (1.5-2.0 ths. per 100 gal, in a dilute spray applied	Apply at popcorn, full bloom, and petal fall or every 7 to 10 days if bloom is staggered. Omit petal fall stary 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 (34.1 lbs. product) per acte per season. Do not allow livestock to graze in almortd orchards.
		to run-off)	Adjust the spray concentration in concentrate spray for different sized trees.
Bananas	Sigatoka	2,0-3,9	Apply when leaves first appear and repeat as needed on a 14-21 day interval. Do not apply more than 24 fbs. active ingredient (32 lbs. product) per acre per season. May be applied up to the day of harvest.
Cranberries	Fruit Rot	4,8-6.0	Spray on a 14-21 day Interval, Do not apply more than 14-4 lbs, active ingredient (19.2 lbs. product) per season. Oo not apply within 30 days of harvest.
Grapes	Black Rot Bench Rot Deadarm Downy Mildew	1.5-4.0 or (0.375-1.0 ibs. per 100 gal, in a dilute spray)	East of the Rocky Mountains: Apply in sufficient water to provide thorough coverage starting when shoots are % to 1% inches long and continue at 7-10 day intervals until fruit is set. Do not apply within 56 days of harvest. Oo not apply more than 19.2 lbs, active ingredient (25.6 lbs. product) per acre per season.
		1.5-2.5 or (0.375 - 0.63 lbs. per 100 gal. in a dilute	West of the Rocky Mountains: Apply when shoots are ½ to 1½ inches long and continue at 7-10 day intervals. Do not apply more than 6.0 lbs. active ingredient (8.0 lbs. product) per acre per season. Do not apply within 66 days of harvest except in California.
Kadota figs NOT FOR USE IN CALIFORNIA	Surface Mold (Cladosportum) Surface Rot (Alternia)	spray) 0.75 lbs/ 100 gal.	California — Do not apply after bloom. Apply when disease threatens in 100-400 gallons of water acre. Do not apply more than 2.4 bs. active ingredient (3.2 bs. product) per acre per season. Do not apply within 10 days of harvest.
Papayas	Anthracnose Phytophthora Fruit Rot	2.0-2.5 or (0.5- 0.625 lbs. per 100 gal. in a dilute	Apply when disease first threatens and 14-21 day intervals. Do not apply more than 28 fits, active ingredient per season (37.0 fits, product). May be applied up to the day of harvest.

FIELD CRÓPS

			<u> </u>
CROPS	DISEASES	RATE LBS/ACRE	OIRECTIONS
Sugarbeets	Cercespora Leaf Spot	1.5-2.0	Apply when disease appears. Soray on a 7-10 day interval. Do not apply more than 11.2 lbs. active layedelete, 14.9 lbs. product, o ea season. Do not apply within 14 days of tranvest

COMMERCIAL ORNAMENTAL CROP USES (NOT FOR HOMEGARDEN USE) DO NOT USE ANY OF THESE CROPS FOR FOOD OR FEED PURPOSES

CROP	DISEASES	RATE LBS/100 GAL	DIRECTIONS
Carnations	Afternaria Leaf Spot Anthraonose Botrytis Plight	1.0-1.5	Begin when new growth starts Repeat weekly:
Chrysanthemums	Ascochyta Ray Blight Botrylis Petal Spot Septoria Leaf Spot	0.5 lbs or 227 grams	Apply twice weekly during the blooming season for Petal Spot and Ray Blight. For Septoria Leal Spot apply weekly throughout the season.
Dahlias	Afternaria Leaf Spot Botrytis Blight	1.0-1.5	Begin when new growth starts, Repeat weekly.
Dogwood	Anthraonose	1.0-1.5	Begin when buds open Repeat when bracts fall 4 weeks later and in late summer.
Gladioles	Botrytis Blight Corvularia and Stemphylium Leaf Spots	15	Begin when flower spikes are developing. Repeat 2 to 3 times at weekly intervals.
Grasses Do not use on	Brown Patch	0.2 lbs or 90 grams	Begin at tirst sign of disease. Repeat at 7 to 14 day intervals.
pasture or range grasses. Do not feed clippings to livestock. Do not use if grass is grown for seed.	Dollar Spot	0.4-0.5 lbs or 170-227 grams	Apply as for Brown Patch, above.
	Melting-Out	0.2-0.3 lbs or 85-113 grams	Apply as for Brown Patch, above.
	Leaf, Stem and Stripe Rusts	3,0	Begin when rust pustules are first seen. Repeat at 7 to 14 day intervals. Do not graze treated areas. Do not feed clippings to fivestock.
Littles	Botrytis Blight	1.0-1.5	Begin with new growth. Repeat weekly.
Pansies	Anthracnose	1,0-1.5	Begin with new growth, Repeat weekly,
Peonles	Alternaria Leaf Spot Botrytis Blight Phytophthora Blight	1.0-1.5	Apply to foliage and soil in early spring and early fall and 7 to 10 day intervals during the growing season.
Roses	Black Spot Cemospora Leaf Spot Rust	1.0-1.5	Begin when first leaves untold. Repeat at 7 to 10 day intervals. For Aerial Application: use 1.0 to 1.5 lbs. product in minimum of 3 gallons spray solution per acre.
Snapdragons	Rust	1.0-1.5	Begin with emergence. Repeat weekly.
Zinnias	Afternaria Blight Leaf Spot Botrytis Blight	1,6-1.5	Begin with emergence. Repeat weekly.

CHEMIGATION NOT FOR THIS USE IN CALIFORNIA GENERAL INSTRUCTIONS

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. Do not apply this product through any other type of irrigation system.

Crop injury, tack 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 backtlow.

The pesticide injection pipeline must contain a functional, autematic, 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 System Regulrements section above.

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

Apply MANÉB 75DF only through systems containing anti-syphon 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 shuf-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 nozzle set nearest the well/pivot/injection unit to prevent spray being applied to this area.

Where sprinkler distribution patterns do not overtap 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 75DF 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 75DF in a mix tank, Fill the tank with 1/2 or 1/2 the desired amount of water. Start mechanical or hydraulic agitation, Stowly add the required amount of MANEB 75DF and then the remaining volume of water.

APPLICATION INSTRUCTIONS:

Set sprinkler system to defiver 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 75DF into the irrigation water line so as to deliver the desired rate per acre. The suspension of MANEB 75DF 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 75DF 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 in a dry area. If allowed to become wet the product will deteriorate and represent a fire hazard. Keep away from sources of ignition (e.g. sparks and open flame). Close bag 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, sweep up spillage and dispose of 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: Completely empty bag into application equipment. Then dispose of empty bag into sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND DISCLAIMER

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