

5481-8992

2/26/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

FEB 26 2010

Ms. Julie T. Tran
Product Registration
Amvac Chemical Corporation
4895 MacArthur Court, Suite 1250
Newport Beach, CA 92660

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Alternate Brand Name "BLOCKER FLOWABLE"
EPA Reg. No. 5481-8992
Application Dated January 11, 2010

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 01/11/10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington", is written over a horizontal line.

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



Yellow – Applicant Copy



Ms. Mary L. Waller, PM-21
Document Processing Desk
OPP/RD, Fungicide Branch (7504P)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460-0001

Dear Ms. Waller:

In support of this notification, please find the following documents enclosed:

- If you have any questions or require additional information, please do not hesitate to contact me at 949-221-6126 or email juliet@amvac-chemical.com. Thank you for your attention to this matter.

Best regards,

Julietten

Julie T. Tran
Regulatory Product Manager

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BLOCKER FLOWABLE NOTIFICATION

TURF & ORNAMENTAL SOIL FUNGICIDE FEB 26 2010

ACTIVE INGREDIENT: (% by weight)

Pentachloronitrobenzene (PCNB)..... 40.0%

INERT INGREDIENTS:..... 60.0%

TOTAL: 100.0%

Contains 4 lbs. of Pentachloronitrobenzene per U.S. gallon

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.)

FIRST AID	
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.
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 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 mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY: Transportation: CHEMTREC..... 1-800-424-9300 Other: AMVAC..... 1-323-264-3910	

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS
FOR USE.

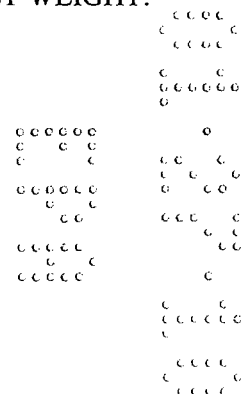
EPA Reg. No. 5481-8992

EPA Est. No. _____

NET WEIGHT:



4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-323-264-3910 • www.amvac-chemical.com



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if absorbed through the skin or inhaled. 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 listed below. If you want more options, follow the instructions for Category E on an EPA chemical resistance category selection chart.

Applicators and other handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, or nitrile rubber, or neoprene rubber or viton
- Shoes plus socks

Mixers and Loaders Must Wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, or nitrile rubber, or neoprene rubber or viton
- Shoes plus socks
- For exposures in enclosed areas: A respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.
- For exposure outdoors: Dust/Mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R,P or HE filter.

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

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)(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 clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. 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 labeling.

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

Do not plant root crops in PCNB treated fields within 12 months of broadcast or banding applications unless PCNB is registered for use on those crops.

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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 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. 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 12 hours.

Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Chemical-resistant gloves such as barrier laminate or nitrile rubber, or neoprene rubber, or viton
- Shoes plus socks

GENERAL INFORMATION

BLOCKER FLOWABLE is a preventative fungicide recommended for control of certain soil borne diseases of turf and ornamental crops.

Best results are achieved when used in a preventative program following recommended rates and application directions.

Carefully read, understand and follow label directions.

COMPATIBILITY

For broad spectrum disease control, this product can be tank mixed with TERRAZOLE® 35WP* (EPA Reg. No. 400-416) for use on turf in accordance with the more restrictive label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. Do not tank mix with other chemicals unless prior use has proven compatibility.

LAWNS AND TURF

BLOCKER FLOWABLE is a fungicide for the prevention and control of certain soil borne diseases on golf courses; sod farms; home lawns and institutional areas where turf is grown.

Best results are obtained when BLOCKER FLOWABLE is used as a preventative application before diseases appear, however, if you do not apply as a preventative treatment, BLOCKER FLOWABLE should be applied at first sign of disease.

Areas treated with BLOCKER FLOWABLE should be watered following application to move material down to the soil level. If treated area is subjected to flooding or unusually heavy rainfall, or if disease is severe or reappears, the area should be treated again.

See use and rate recommendations for retreatment intervals. Do not graze treated areas or feed clippings to livestock.

Under certain growing conditions, a temporary discoloration of the grass may occur. This causes no harm and will disappear in a short time.

USE AND RATE RECOMMENDATIONS FOR TURF

DISEASE	TURF TYPE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Brown Patch (<i>Rhizoctonia solani</i>)	Warm climate grasses such as: St. Augustine Bermuda	16-24	Mix specified amount in 1-5 gals of water and apply a single application in the spring or fall at first indication of disease. If disease is severe or reappears, area should be retreated 3 – 4 weeks later
	Dichondra	16-24	Mix specified amount in 5-10 gals of water and treat as above.
	Cool climate grasses such as: Bluegrass Ryegrass Fescue Bent	4 ½ to 6	Mix specified amount in 1-5 gals of water and apply at first sign of disease. Repeat every 7 to 10 days during warm, damp weather. For control of existing infections, apply at higher rates as soon as symptoms appear. Do not apply at daytime temperatures of 85° or higher.
Melting Out/ Leaf Spot* (<i>Drechslera spp.</i> , <i>Biopolaris spp.</i> , <i>Exserohilum spp.</i>)	All	10 ½ to 15	Mix specified amount in 1-5 gals. of water and apply as a preventative application in the spring or fall of each year. For control of existing infections, apply at higher rates as soon as symptoms appear. Do not apply at daytime temperatures of 85°F or higher
Dollar Spot* (<i>Sclerotinia homeocarpa</i>)		3	For maximum spring disease protection of Melting Out/Leaf Spot on cool season grasses, apply 3 fl. oz. in 1-5 gals. of water per 1000 sq. ft. at the time of first mowing and repeat applications at two week intervals. Do not make more than a total of 5 applications. Tank mix applications with benzimidazole or sterol inhibitor fungicides late in the program may enhance activity against Dollar Spot and Brown Patch disease.

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DISEASE	TURF TYPE	POUNDS PER 1000 SQ. FT.	APPLICATION NOTES
Gray Snow Mold (<i>Typhula spp.</i>)	Cool climate grass	12- 16	Mix specified amount in 1-5 gals. of water and apply one application prior to first snowfall or when temperatures remain below 60°F and extended wet conditions are expected. In the absence of snow cover, supplemental applications of 3-6 fl. oz. can be applied at 4 to 6 week intervals to maintain control when disease pressure is severe. *Note: BLOCKER FLOWABLE must be moved into the soil thatch layer to be effective. Applications made in less than 5 gals. of water must receive 0.25" of irrigation or rainfall prior to snow cover
Pink Snow Mold (<i>Microdochium nivale</i>)		3	For maximum spring disease protection of pink snow mold, apply 3 fl/ oz. In 1-5 gals. of water per 1000 sq. ft. at the time of first mowing and repeat applications at two week intervals. Do not make more than a total of 5 applications. Tank mix applications with benzimidazole or sterol inhibitor fungicides late in the program may enhance activity against Dollar Spot and Brown Patch disease.

*Use not registered by California Department of Pesticide Registration

ORNAMENTALS

BLOCKER FLOWABLE can be used as a soil treatment for protection against a variety of soil borne diseases of ornamentals grown in greenhouses, shadehouses, nurseries, landscapes and interiorscapes.

The mixture of BLOCKER FLOWABLE and water should be continuously agitated to assure uniform application.

It is important that the mixture of BLOCKER FLOWABLE be drenched or incorporated thoroughly into the soil for best results.

See use and rate recommendations for specific plants and diseases.

When a rate range is shown, the lower rate should be used on lighter or coarse textured soils or when disease pressure is expected to be low.

The higher rates should be used on heavy or fine textured soils in fields with a history of disease problems, or when weather conditions are expected to be unfavorable for rapid germination and growth of seedlings.

DISEASES CONTROLLED

Causal Agent

Botrytis cinerea
Dothistroma pini
Ovulinia azaleae
Pellicularia filamentosa
Pellicularia rolfsii
Phyllostica cookeri
Rhizoctonia solani
Rhizoctonia spp.
Sclerotinia camelliae
Sclerotinia gladioli
Sclerotinia sclerotiorum
Sclerotinia rolfsii
Stromatinia gladioli

Common Name

Storage Rot
 Needle Blight
 Azalea Petal Blight
 Root Rot / Stem Rot
 Bulb Rot / Crown Rot
 Magnolia Leaf Spot
 Root Rot / Stem Rot
 Root Rot / Stem Rot
 Camellia Flower Blight
 Dry Rot
 Stem Rot / Black Rot
 Bulb Rot / Crown Rot
 Dry Rot

USE AND RECOMMENDATIONS FOR ORNAMENTALS

CROP	DISEASE	PINTS OF BLOCKER FLOWABLE	APPLICATION NOTES																										
Bedding Plants Flowering Plants Foliage Plants Woody Plants such as but not limited to: Anthurium Azalea Chrysanthemum Dianthus Dieffenbachia Dracaena Ficus Gardenia Impatiens Lilies Marigold Pansy Petunia Poinsettia Pothos Rhododendron Schefflera Spathiphyllum	Root Rot/ Stem Rot, Damping Off (<i>Rhizoctonia solani</i>) (<i>Pellicularia filamentosa</i>) (<i>Sclerotinia sclerotiorum</i>)	3/8 – 3/4 (6 – 12 fl. oz.)	<p>SOIL DRENCH APPLICATIONS: Mix specified amount in 100 gals. of water and apply according to the following guidelines:</p> <p>For Bed, Bench, Container and Field Grown Plants:</p> <table><tr><th>Soil Depth (inches)</th><th>Coverage for BLOCKER FLOWABLE Drench Mix Fl. oz./Sq. ft.</th><th>Sq. ft./100 gals.</th></tr><tr><td>2 or less</td><td>16</td><td>800</td></tr><tr><td>3</td><td>24</td><td>530</td></tr><tr><td>4 or more</td><td>32</td><td>400</td></tr></table> <p>For Potted Plants:</p> <table><tr><th>Pot Diameter (inches)</th><th>Minimum Drench Volume (fl. oz./pot)</th></tr><tr><td>4</td><td>1.5</td></tr><tr><td>5</td><td>3</td></tr><tr><td>6</td><td>4</td></tr><tr><td>8</td><td>7</td></tr><tr><td>10</td><td>13</td></tr><tr><td>12</td><td>18</td></tr></table> <p>One repeat application may be made 4 to 6 weeks later, if necessary.</p>	Soil Depth (inches)	Coverage for BLOCKER FLOWABLE Drench Mix Fl. oz./Sq. ft.	Sq. ft./100 gals.	2 or less	16	800	3	24	530	4 or more	32	400	Pot Diameter (inches)	Minimum Drench Volume (fl. oz./pot)	4	1.5	5	3	6	4	8	7	10	13	12	18
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4	1.5																												
5	3																												
6	4																												
8	7																												
10	13																												
12	18																												
		5 1/4	<p>BROADCAST INCORPORATED PRIOR TO PLANTING IN THE FIELD: Apply specified amount to 1000 sq. ft. in sufficient water to assure uniform ground coverage. Thoroughly incorporate to</p>																										

CROP	DISEASE	PINTS OF BLOCKER FLOWABLE	APPLICATION NOTES
			a depth of 4 inches.
Azaleas	Azalea Petal Blight (<i>Ovulinia azaleae</i>)	1 ½	GROUND SPRAY ON ESTABLISHED PLANTS: Apply specified amount to 150 sq. ft. in sufficient water to assure uniform ground coverage. Apply to ground beneath the bushes and immediate surrounding area. Begin application prior to opening of buds and repeat every 3-4 weeks through bloom period.
Camellias	Camellia Flower Blight (<i>Sclerotinia camelliae</i>)		
Hyacinth Iris (bulbous) Narcissus Tulip	Root Rot/ Stem Rot / Bulb Rot (<i>Rhizoctonia solani</i>) (<i>Pellicularia solani</i>) Bulb Rot/ Crown Rot (<i>Sclerotinia rolfsii</i>) (<i>Pellicularia rolfsii</i>) Black Rot (<i>Sclerotinia sclerotiorum</i>)	5 – 9 ¾	BROADCAST INCORPORATED PRIOR TO PLANTING: Apply specified amount to 1000 sq. ft. in sufficient water to insure uniform ground coverage. Thoroughly incorporate to a depth of 6 to 7 inches. NOTE: For bulbous iris, use 5 -7 pints per 1000 sq. ft. and incorporate to a depth of 2 – 3 inches. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soils.
		6 ¾ -9	IN-FURROW APPLICATION AT PLANTING: Apply specified amount to 1000 linear ft. of row in 5 to 10 gals. of water. Direct spray into open furrow to thoroughly cover entire furrow and bulbs. Close furrow in normal manner. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soils. For black Rot control, use higher rate.
		3	BULB SOAK: Mix specified amount in 3.2 gals. of water (7.5% concentrations). Add 1% sticker to mixture and maintain good agitation. Soak bulbs for 5 minutes
		¾	BAND APPLICATION PRIOR TO PLANTING: Apply specified amount to 1000 linear ft. as a 12 inch band spray centered on the row at planting time. Follow with 3 additional applications at 15 day intervals.
Gladiolus	Dry Rot (<i>Stromatinia gladioli</i>) (<i>Sclerotinia gladioli</i>)	5 ½	BROADCAST APPLICATION PRIOR TO PLANTING: Apply specified amount to 1000 sq. ft. in sufficient water to insure uniform ground coverage. Thoroughly incorporate to a depth of 4 to 6 inches. Bulbs may be planted immediately after incorporation.
		8 ¼	BAND APPLICATION PRIOR TO PLANTING: Apply specified amount to 1000 linear ft. as a 12 inch band centered on the row. Thoroughly incorporate to a depth of 4 inches. Bulbs may be planted immediately after incorporation.

CROP	DISEASE	PINTS OF BLOCKER FLOWABLE	APPLICATION NOTES
Lilies (Easter) (Asiatic) (Oriental)	Root Rot/ Stem Rot (<i>Rhizoctonia solani</i>) (<i>Pellicularia solani</i>)	5 – 9 ¾	BROADCAST INCORPORATION PRIOR TO PLANTING: Apply specified amount to 1000 sq. ft. in sufficient water to assure uniform ground coverage. Thoroughly incorporate to a depth of 6 to 7 inches. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soils.
	Bulb Rot/ Crown Rot (<i>Sclerotinia rolfsii</i>) (<i>Pellicularia rolfsii</i>)	6 ¾ - 9	IN-FURROW APPLICATION AT PLANTING: Apply specified amount to 1000 linear ft. of row in 5 to 10 gals. of water. Direct spray into open furrow to thoroughly cover entire furrow and bulbs. Close furrow in normal manner. Use lower rate for coarse textured (light) soils and higher rate for fine textured (heavy) soils.
	Stem Rot/Black Rot (<i>Sclerotinia sclerotiorum</i>)	6 - 9	BULB SOAK: Mix specified amount in 100 gals. of water. A sticking agent may be added. Maintain good agitation in dip tanks. Soak bulbs in mixture for 5 – 15 minutes.
Magnolia grandiflora	Magnolia Leaf Spot (<i>Phyllosticta cookeri</i>)	3	FOLIAR SPRAY APPLICATION: Apply specified amount in 100 gallons of water. Add a spreader-sticker at the rate of 1 pint per 100 gallons. Begin applications approximately 1 week before disease normally appears. Apply at least 4 sprays at 2 week intervals NOTE: Do not use on Magnolia fuscata as injury may result.
Cut Flowers Such as but not limited to: Carnation Chrysanthemum Roses	Storage Rot (<i>Botrytis cinerea</i>)	1-3	DIP APPLICATION: Mix specified amount in 100 gallons of water. Maintain good agitation in dip tanks. Dip prior to storage
		3	SPRAY APPLICATION: Mix specified amount in 100 gallons of water. Thoroughly spray prior to storage
Southern Pine Seedlings	Root/Stem Rot, Damping Off (<i>Rhizoctonia spp.</i>) (<i>Pellicularia filamentosa</i>) Needle Blight (<i>Dothistroma pini</i>)	1 ¾	BROAD CAST APPLICATION PRIOR TO PLANTING: Apply specified amount to 1000 sq. ft. in sufficient water to insure uniform ground coverage. An additional ½ inch of water should be applied by irrigation following treatment. Seed may be planted immediately following irrigation or within one week of this date.

CROP	DISEASE	PINTS OF BLOCKER FLOWABLE	APPLICATION NOTES															
Vegetable Bedding Plants Limited to only Container grown Broccoli Brussels Sprouts Cabbage Cauliflower Peppers Tomatoes	Root/Stem Rot, Damping Off (<i>Rhizoctonia solani</i>). (<i>Pellicularia filamentosa</i>)	3/8 – 3/4 (6 – 12 fl. oz.)	SOIL DRENCH APPLICATIONS IN THE NURSERY OR GREENHOUSE: Mix specified amount in 100 gals. of water and apply according to the following guidelines: For Container Grown Plants: <table><tr><td>Soil Depth</td><td colspan="2">Coverage for BLOCKER FLOWABLE Drench Mix</td></tr><tr><td><u>Inches</u></td><td><u>Fl. oz./Sq. ft.</u></td><td><u>Sq. ft./100gals.</u></td></tr><tr><td>2 or less</td><td>16</td><td>800</td></tr><tr><td>3</td><td>24</td><td>530</td></tr><tr><td>4 or more</td><td>32</td><td>400</td></tr></table> One repeat application may be made 4 to 6 weeks later, if necessary.	Soil Depth	Coverage for BLOCKER FLOWABLE Drench Mix		<u>Inches</u>	<u>Fl. oz./Sq. ft.</u>	<u>Sq. ft./100gals.</u>	2 or less	16	800	3	24	530	4 or more	32	400
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<u>Inches</u>	<u>Fl. oz./Sq. ft.</u>	<u>Sq. ft./100gals.</u>																
2 or less	16	800																
3	24	530																
4 or more	32	400																

PLANT TOLERANCE:

Neither the manufacturer nor the seller has determined whether or not BLOCKER FLOWABLE can be used safely on ornamental plants not specified on this label. Prior to any large scale application on such plants, the user should determine the safety of BLOCKER FLOWABLE fungicide by testing a small number of the type of plants to be treated at the recommended rates for that particular group, i.e., bedding plants, foliage, etc. and observing the treated plants over a one to two week period for symptoms of phytotoxicity, which may occur as foliage burn or stunted growth. The user assumes all risks arising out of application to unlabeled plants.

USE DIRECTIONS FOR CHEMIGATION OF ORNAMENTALS

In addition to the above use rates and recommendations, the following precautions must be observed when using this product in any type of irrigations system:

Apply this product only thorough the following irrigation systems:

1) Pressurized drench (flood) or drip (trickle), 2) Micro-irrigation such as spaghetti-tube or individual tube irrigation, 3) Hand-held calibrated irrigation equipment such as the hand-held wand with injector, 4) Calibrated overhead watering booms, 5) Ebb and flow or bench flooding sub-irrigation systems.

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

Do not connect an irrigation system, (including greenhouse systems), used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

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

The system must contain a functional check valve, vacuum relief valve, and a 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.

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

SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days of the year.

Chemigation systems connected to public water systems must contain a functional, reduced pressure zone (RPZ), backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water systems should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the tip or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

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

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where the pesticide distribution is adversely affected.

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

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

STORAGE AND DISPOSAL

PROHIBITIONS: Do not reuse empty containers. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep container closed when not in use. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

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 disposed of by use 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 DISPOSAL:

Plastic containers: 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.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

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A collection of 15 small, stylized line drawings of various birds, including sparrows, finches, and songbirds, arranged in a grid-like fashion. The drawings are simple, using only outlines and minimal shading to represent the birds' forms and features like beaks and wings.