



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

9779-351

Date of Issuance:

JUN 11 1998

Term of Issuance: Conditional

Name of Pesticide Product:

Iprodione 4F

NOTICE OF PESTICIDE:

XX Registration
____ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Terra International, Inc.
600 Fourth Street
P.O. Box 6000
Sioux City, IA 51103-6000
TN.: Mr. Steven E. Rogosheske

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following corrections to the labeling:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 9779-351".
 - b. Delete "cotton" from the list of rotated crops after harvest.
 - c. Under "DIRECTIONS FOR USE THROUGH SPRINKLER IRRIGATION SYSTEMS", use the full product name "Iprodione® 4F Flowable Fungicide" in the "APPLICATION INSTRUCTIONS" AND "NOTE:" sections.

Signature of Approving Official:

Mary L. Waller
Mary L. Waller
Acting Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Date:

JUN 11 1998

page 2
EPA Reg. No. 9779-351

- d. On page 3, add "(Blackberry, Loganberry, Red and Black Raspberries) after "Caneberries".
- e. On page 4, place an asterisk after "RICE*" in the heading and then place an asterisk before "**Not registered for use in California." Also, place two asterisks before "**Narrow Brown Leaf Spot" in the DISEASE column and place two asterisks before "**Iprodione 4F will suppress or give partial control of this disease."
- f. On page 7, delete "Including:" after CANEBERRIES in the heading.
3. Submit one copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

3 9 14

Iprodione 4F

Flowable Fungicide

ACTIVE INGREDIENT:

Iprodione: 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide* 41.6%

INERT INGREDIENTS: 58.4%

TOTAL 100.0%

*Equivalent to 4 Lbs. Iprodione per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

JUN 11 1998

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.**

9779-351

STATEMENT OF PRACTICAL TREATMENT

IN CASE OF CONTACT: Wash skin with soap and water.

IF IN EYES: Flush with water for 15 minutes and get medical attention.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapor or spray mist, or contact with skin, eyes, or clothing. Get medical attention if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (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)(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 clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. For terrestrial uses, do not apply directly to water, 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 washwater. Drift or run-off from treated areas is hazardous to aquatic invertebrates in neighboring areas.

EPA Reg. No. 9779-

Manufactured For
TERRA INTERNATIONAL, INC.
P.O. Box 6000, Sioux City, IA 51102-6000
Riverside Services Agriculture. Agriculture Serves Everyone.

EPA Est.
NET CONTENTS
GALS.
9 G2717

4 8 14

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Read entire label before using this product.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted entry interval of 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, waterproof gloves, shoes plus socks, and protective eyewear.

STORAGE AND DISPOSAL

STORAGE

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

PESTICIDE DISPOSAL

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

CONTAINER DISPOSAL

Triple rinse (or equivalent). 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.

GENERAL CAUTIONS AND RESTRICTIONS

CROP ROTATION RESTRICTIONS FOR BEANS, BROCCOLI, CARROTS, CHINESE MUSTARD, DRY BULB ONIONS, GARLIC, LETTUCE, PEANUTS, POTATOES AND RICE.

The following crops may be rotated after harvest: Beans, Broccoli, Carrots, Chinese Mustard, Cotton, Dry Bulb Onions, Garlic, Lettuce, Peanuts, Potatoes, and Rice.

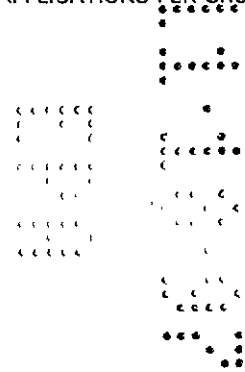
GRAZING RESTRICTIONS FOR STONE FRUIT, ALMONDS AND GRAPES.

Do not graze animals in treated orchards. Do not feed cover crops grown in treated orchards to livestock.

If you are unsure about disease conditions, contact your local extension agent.

FUNGICIDE RESISTANCE STATEMENT

Iprodione 4F Flowable Fungicide is a dicarboximide fungicide. Resistance developed to other dicarboximide, such as Ronilan[®] may result in resistance to Iprodione 4F. Therefore, **DO NOT EXTEND THE TOTAL NUMBER OF APPLICATIONS PER CROP ON THIS LABEL WITH Ronilan[®].** Do not tank mix this product with Ronilan[®].



ENDANGERED SPECIES

Restrictions in the State of Arkansas

The use of Iprodione on rice is restricted to protect the endangered fat pocketbook pearly mussel (*Potamilus capax*) and its habitat. Use is prohibited in the following areas of Arkansas.

Mississippi County: Within the basin that drains directly into the Right Hand Chute of Little River, south of Big Lake National Wildlife Refuge.

Poinsett County: Between Crowley's Ridge and the levee east of the Right Hand Chute of Little River and the St. Francis Floodway. Use is also prohibited west of Rt. 140 and north of Rt. 63 at the SIPHON near Marked Tree. Except that the prohibited area does not include the area bounded by Arkansas Highway 373 on the west, Highway 63 on the east and Highway 14 on the south.

Cross, St. Francis, and Lee Counties: Between Crowley's Ridge and the levee east of the Right Hand Chute of Little River and the St. Francis Floodway as far south as the confluence of L'Anguille River (Lee County).

HOW TO USE Iprodione 4F Flowable Fungicide

Partially fill the spray tank with clean water. Measure the required amount of Iprodione 4F Flowable Fungicide and pre-mix with a small volume of water, add this to the tank. Agitate to ensure thorough mixing while filling tank with remaining water. Maintain agitation during application and apply with properly calibrated application equipment. Do not allow spray mixture to stand overnight or for prolonged periods, as some chemical breakdown may occur, particularly in water with a high pH. The spray solution should be buffered to a pH of 5.0-7.0. A high quality, nonionic spreader such as Activate Plus™ or Sensor pH™, can be used as a spray tank additive for every application with the exception of in-furrow sprays. Iprodione 4F Flowable Fungicide should be added to the tank before the addition of any adjuvant. Consult the adjuvant label or manufacturer for crop tolerance and safety information when used with Iprodione 4F Flowable Fungicide. Mixing with very acidic products may result in precipitation of Iprodione 4F.

Note: When using Iprodione 4F in tank mixes, use in accordance with the most restrictive of 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.

Iprodione 4F Flowable Fungicide IS REGISTERED FOR USE ON THE FOLLOWING:

Field and Row Crops

- Peanuts
- Rice

Fruit Trees and Nuts

- Almonds
- Stone Fruits
- Apricots
- Cherries
- Nectarines
- Peaches
- Plums
- Prunes

Ginseng

Small Fruits

- Caneberries
- Grapes
- Strawberries

Vegetables

- Beans (Snap, Dry, and Lima)
- Broccoli
- Carrots
- Chinese Mustard (Florida Only)
- Dry Bulb Onions
- Garlic
- Lettuce (Head & Leaf types)
- Potatoes

FIELD AND ROW CROPS

PEANUTS*

DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Sclerotinia Blight (<i>Sclerotinia minor</i>)	2.0	40 Minimum	Make the initial application when conditions first become favorable for disease development. Up to two subsequent applications should be made at 14 to 21 day intervals. For best results apply using a preventative program.

HOW TO USE

Apply using a tractor mounted spray boom equipped with hollow cone or low pressure nozzles (e.g., 8008LP, 8010LP, or TK7.5 that produce large droplets). Nozzles should be adjusted to provide complete coverage of the row. Vine spreaders may be used in combination with flat fan nozzles for banding. The two pints per acre rate needs to be used in the band. Applications may also be made by chemigation.

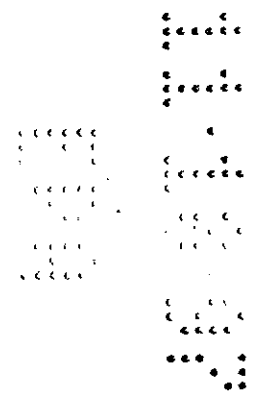
USE RESTRICTIONS

A maximum of 3 applications or 6 lbs. of product can be applied per season with the last spray being at least 2.0 lbs /acre. Do not apply within 10 days of harvest (PHI = 10 days). Do not apply by air. Do not feed peanut hay to livestock.

*Not currently registered for use in California.

RICE		
DISEASE	DOSAGE RATE	
	PINTS PER ACRE	GALS. WATER PER ACRE
Sheath Blight <i>(Rhizoctonia solani)</i> Brown Spot <i>(Helminthosporium oryzae)</i> Sheath Spot <i>(Rhizoctonia oryzae)</i> *Narrow Brown Leaf Spot <i>(Cercospora oryzae)</i>	1.0	10 Minimum
HOW TO USE Apply as a broadcast spray using aerial equipment. Do not use through sprinkler irrigation systems.		
WHEN TO APPLY The first foliar application should be made between joint movement and booting. If favorable disease conditions continue, a second application can be applied 2 weeks after the first application, but no later than 75% heading.		
USE RESTRICTIONS Maximum of 2 applications can be made per season. Not registered for use in California. *Iprodione 4F will suppress or give partial control of this disease.		

FRUIT TREE AND NUTS			
ALMONDS			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	PINTS PER 100 GAL.	
Brown Rot Blossom Blight <i>(Monilinia laxa)</i> Shot Hole <i>(Stigmina carpophila)</i>	1.0	0.25	The table below is only recommended as a general guideline. Applications should be based on local disease and growing conditions. Contact your local extension agent for regional recommendations. Spray Schedule Table Apply first at pink bud and, if conditions favorable for disease development persist or reoccur up to 3 subsequent applications can be made at: 1) full bloom 2) petal fall 3) up to 5 weeks after petal fall.
HOW TO USE Iprodione 4F Flowable Fungicide should be used as an integral part of a complete disease control program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage, and or fruit (20 to 400 gallons per acre by ground equipment and in a minimum of 15 gals. per acre by air).* The use of aerial application after petal fall may result in reduced control due to lack of canopy penetration and coverage.			
USE RESTRICTIONS Do not make more than 4 applications per season.			
*The rate of Iprodione 4F Flowable Fungicide is based on a standard of 400 gallons per acre dilute spray for mature trees.			



7 7 14

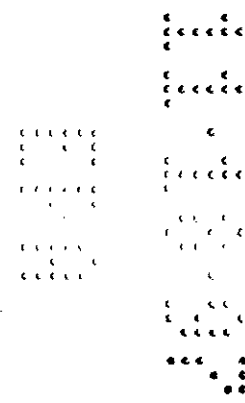
STONE FRUIT			
Apricots, Cherries, Nectarines, Peaches*, Plums, and Prunes			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	PINTS PER 100 GAL.	
Brown Rot Blossom Blight (<i>Monilinia spp.</i>)	1.0-2.0	0.25-0.5	Apply Iprodione 4F Flowable Fungicide when bud tissue is susceptible to disease (i.e. Redbud: apricots and plums; early popcorn: peaches, nectarines, cherries and prunes). If conditions favorable for disease development persist or reoccur apply again at full bloom and at petal fall.
Fruit Brown Rot (<i>Monilinia spp.</i>)	1.0-2.0	0.25-0.5	An application should be made whenever temperatures and moisture conditions favor disease infection in the 5-week period prior to harvest. If these conditions persist or reoccur, additional applications should be made. Applications can be made on a 7-14 day interval following the first preharvest application if needed.

*Use on peaches is limited to 3 applications per season, with the last application up to but not after petal fall.

STONE FRUIT			
Apricots, Cherries, Nectarines, Peaches*, Plums, and Prunes			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	PINTS PER 100 GAL.	
Shot Hole (<i>Stigminta carpophila</i>) Scab (<i>Ventura carpophila</i>)	1.0-2.0	0.25-0.5	At least one of the blossom sprays should be applied at shuck-split. If only one blossom spray is applied, a second foliar spray may be made 14 days after the shuck-split application, followed by 2-3 preharvest sprays starting 5 weeks before harvest on a 7-14 day interval. Mid-season cover sprays with another registered fungicide should not be eliminated.
Cherry Leaf Spot (<i>Blumeriella jaapii</i>)	1.0-2.0	0.25-0.5	Follow the Brown Rot Blossom Blight and Fruit Rot spray program. At least one foliar spray should be made between petal fall and shuck split, with an additional foliar spray applied 14 days after harvest.

HOW TO USE
Iprodione 4F Flowable Fungicide should be used as an integral part of a complete disease control program. Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage, and/or fruit (20 to 400 gallons per acre by ground equipment and in a minimum of 15 gals. per acre by air).**
Under severe disease conditions, the higher rate and shorter spray interval is recommended.
The use of aerial application after petal fall may result in reduced control due to lack of canopy penetration and coverage.

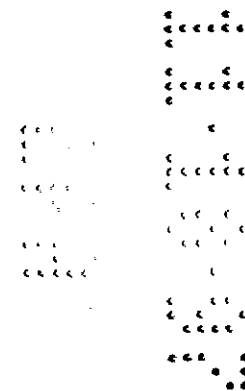
USE RESTRICTIONS
Do not make more than 4 applications of this product per season.
Preharvest applications may be made up to 7 days before harvest (PHI = 7 days).
*Use on peaches is limited to 3 applications per season with the last application up to but not after petal fall.
**The rate of Iprodione 4F Flowable Fungicide is based on a standard of 400 gallons per acre dilute spray for mature trees.



SMALL FRUIT

CANE BERRIES (Including: Blackberries, Loganberries, and red and black Raspberries)			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Botrytis Fruit Rot <i>(Botrytis cinerea)</i>	1.0-2.0	100 Minimum	Make the first application at early bloom (5 to 10% bloom) and again at full bloom. Two additional applications can be applied at 14 day intervals or as required.
HOW TO USE Apply as a foliar spray with ground equipment in sufficient water to obtain thorough coverage of blossoms and fruit. Under severe disease conditions, the higher rate is recommended.			
USE RESTRICTIONS Do not make more than 4 applications per season. The final application can be made up to and including the day of harvest. (PHI=0 day).			

GRAPES			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Bunch Rot <i>(Botrytis spp.)</i>		50 Minimum	The table below is only recommended as a general guideline. Applications should be based on local disease and growing conditions. Contact your local extension agent for regional recommendations. Spray Schedule 1) Early mid-bloom 2) Prior to bunch closing 3) Beginning of fruit ripening (veraison) 4) Final application prior to harvest as needed.
	1.0-2.0		
	1.5-2.0		
	1.5-2.0		
HOW TO USE Apply as a foliar spray in sufficient water to obtain thorough coverage. The application equipment should be calibrated and adjusted to direct the spray at the bunches to insure thorough bunch coverage. Application may be made by chemigation except in the state of New York. Under severe disease conditions, the higher rate is recommended. This product must be used in conjunction with good cultural practices designed to minimize conditions conducive for Bunch Rot development. Thorough Coverage of the Bunches is Essential.			
USE RESTRICTIONS Do not make more than 4 applications per season. The final application may be made up to 7 days before harvest. (PHI = 7 days)			



STRAWBERRIES			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	PINTS PER 100 GAL.	
Botrytis Crown Rot <i>(Botrytis cinerea)</i>	—	2.0	Apply as a preplant dip immediately prior to planting.
HOW TO USE Dip the transplants in the solution for 1 to 5 minutes and plant immediately. USE RESTRICTIONS Do not make more than 1 application.			
Gray Mold <i>(Botrytis cinerea)</i> Stem End Rot <i>(Gnomonia comari)</i> Phomopsis Soft Rot <i>(Phomopsis obscurans)</i> Purple Leaf Spot <i>(Mycosphaerella spp.)</i> Anthracnose* <i>(Colletotrichum spp.)</i>	1.5-2.0	—	Make the first application no later than 10% bloom. Additional sprays may be made on a 10-14 day interval.
HOW TO USE FOLIAR SPRAY Apply as a foliar spray in not less than 100 gallons of water per acre. Aerial applications can be made with a minimum of 10 gallons of water per acre. Thorough coverage is essential for disease control. Under severe disease conditions, the higher rate and shorter spray interval is recommended. *Iprodione 4F Flowable Fungicide will suppress or give partial control of this disease. USE RESTRICTIONS Do not make more than 4 applications per season. Iprodione 4F Flowable Fungicide may be applied up to and including the day of harvest (PHI=0 days).			

VEGETABLES

BEANS (Snap, Dry, and Lima)			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Gray Mold <i>(Botrytis cinerea)</i> White Mold <i>(Sclerotinia sclerotiorum)</i>	1.5 to 2.0	40 Minimum (ground) 10 Minimum (air)	Apply as a foliar spray at first bloom to when 10% of the plants have one open bloom and again 5-7 days later or up to peak bloom, if conditions are favorable for disease development.
HOW TO USE Apply using ground equipment with a spray pressure of 50-100 PSI using a three nozzle/row boom arranged with one directly over the row and a drop on each side of the row. Application can also be made by air* or chemigation. Under severe disease conditions the higher rate and shorter spray interval should be used. Thorough coverage is essential for disease control.			
USE RESTRICTIONS Two applications maximum per season, with the last application made no later than peak bloom. Do not allow foraging for 14 days after last application. Do not feed snap or succulent bean hay to livestock. Do not feed dry bean hay to livestock until 45 days after last application. Do not use this product on cowpeas. *Aerial application is not currently registered for use in California.			

11-8-14

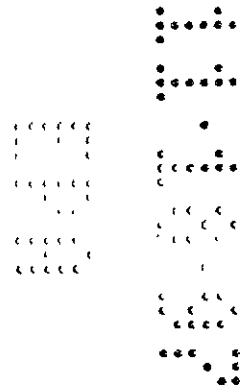
BROCCOLI			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Black Leg <i>(Leptosphaeria maculans)</i>	2.0	40 Minimum	Apply immediately after thinning (2 to 4 leaf stage) as a directed spray to the base of the plant and the adjacent soil surface. If disease conditions persist or reoccur, a second application may be made up to the day of harvest.
HOW TO USE Application should be made with a tractor-mounted boom sprayer with 2 flat fan nozzles per row (one on either side) directed at the base of the plant and the adjacent soil surface. Position nozzles to ensure thorough coverage of the stem. Application may be made by chemigation.			
USE RESTRICTIONS Do not make more than 2 applications per crop. Do not drench. This product can be applied up to the day of harvest (PHI=0 days).			

CARROTS			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Alternaria Blight <i>(Alternaria dauci)</i> Black Crown Rot <i>(Alternaria radicina)</i>	1.0-2.0	10 Minimum	Make the first application as conditions become favorable for disease development. Continue applications on a 7 to 14 day interval as long as conditions favor disease development.
HOW TO USE Apply as a foliar spray in sufficient water to obtain thorough coverage. May be applied by ground, chemigation, or aerial equipment. The higher rate and/or shorter spray interval should be used under severe disease conditions.			
USE RESTRICTIONS Do not make more than 4 applications of this product per season. This product can be applied up to the day of harvest (PHI=0 days.)			
DISEASE	DOSAGE RATE		Tank Mix Program
	PINTS PER ACRE	GALS. WATER PER ACRE	WHEN TO APPLY
Alternaria Blight <i>(Alternaria dauci)</i> Black Crown Rot <i>(Alternaria radicina)</i>	1.0	10 Minimum	Make the first application as conditions become favorable for disease development. Continue applications on a 7 to 14 day interval as long as conditions favor disease development.
HOW TO USE Tank Mix Program: Apply at the reduced rate when combined in a tank mix with another fungicide registered for control of Alternaria on carrots.			
USE RESTRICTIONS Do not make more than 10 applications per season. This product can be applied up to the day of harvest (PHI=0 days).			

CHINESE MUSTARD (For Use in Florida Only)			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Alternaria Leafspot <i>(Alternaria spp.)</i>	1.0	50 Minimum	Make the first application as conditions become favorable for disease development. Continue applications on a 10-14 day interval as long as conditions favor disease development.
HOW TO USE Apply as a foliar spray in sufficient water to obtain thorough coverage.			
USE RESTRICTIONS Do not make more than 4 applications of this product per season. Do not apply within 10 days of harvest. (PHI=10 days)			

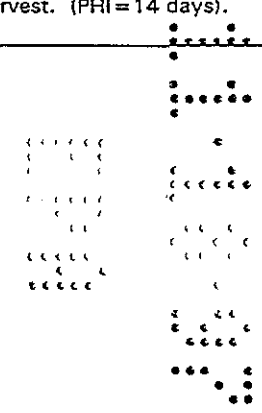
DRY BULB ONIONS			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Botrytis Leaf Blight <i>(Botrytis squamosa)</i> Purple Blotch <i>(Alternaria porri)</i> Botrytis Neck Rot <i>(Botrytis allii)</i>	1.5	10 Minimum (aerial) 50 Minimum (ground)	Apply as a foliar spray as soon as conditions become favorable for disease development. Continue application on a 14 day interval as long as conditions favor disease development.
HOW TO USE Apply using ground, air, or chemigation equipment. For ground applications, use a boom sprayer with either single or multiple nozzles per row adjusted to provide complete coverage of each row.			
USE RESTRICTIONS Do not make more than 5 applications per season. Do not apply within 7 days of harvest. (PHI= 7 days.)			
Botrytis Leaf Blight <i>(Botrytis squamosa)</i> Purple Blotch <i>(Alternaria porri)</i> Botrytis Neck Rot <i>(Botrytis allii)</i>	Tank Mix 1.0	10 Minimum (aerial) 50 Minimum (ground)	Tank Mix Program Apply as a foliar spray as soon as conditions become favorable for disease. Continue applications on a 7 to 14 day interval as long as conditions favor disease development.
HOW TO USE Tank Mix Program: Apply at the reduced rate when combined in a tank with another fungicide registered for the control of Botrytis Leaf Blight, Botrytis Neck Rot or Purple Blotch as described for ground application. Do not combine with Ronilan.			
USE RESTRICTIONS Do not make more than 10 applications per season. Do not apply within 7 days of harvest. (PHI= 7 days)			

GARLIC			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
White Rot <i>(Sclerotium cepivorum)</i>	4.0*	20 Minimum	Apply in the furrow at planting.
HOW TO USE Apply as an in-furrow spray in sufficient water to obtain thorough coverage of the open furrow and covering soil.			
USE RESTRICTIONS Do not make more than 1 application per year. *This rate is based on pints product/treated acre and represents the rate for a 38-40 inch bed spacing.			



LETTUCE (head & leaf types)			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Lettuce Drop (<i>Sclerotinia spp.</i>) Bottom Rot (<i>Rhizoctonia solani</i>)	1.5-2.0*	40 Minimum	Apply from the 3 leaf stage to just after thinning and again 10 days later. If conditions still favor disease development, a third application should be made 10 days after the second spray.
HOW TO USE Apply as a foliar spray in sufficient water to obtain thorough coverage. Ground application should be made with a tractor mounted boom sprayer equipped with three nozzles per seed line (one centered over the row and one on each side of the row) with two nozzles directed to ensure thorough coverage of the lower portion of the plants and the surrounding soil surface. Under severe disease conditions the higher rates should be used. *When applying in a band do not reduce the acre rate. Ground applications may also be made by chemigation. **			
USE RESTRICTIONS Do not make more than three applications to each crop. Do not apply within 14 days of harvest (PHI= 14 days.) Do not cultivate after application. If necessary make an application during or immediately after cultivation. Do not drench. **Chemigation method of application is not currently registered for use in California.			

POTATOES			
DISEASE	DOSAGE RATE		WHEN TO APPLY
	PINTS PER ACRE	GALS. WATER PER ACRE	
Early Blight (<i>Alternaria solani</i>)	1.0-2.0	10 Minimum	Begin applications when conditions first become favorable for disease development. Up to 3 subsequent applications can be applied at 10-14 day intervals or as required.
HOW TO USE Early Blight Apply with a boom sprayer with single or multiple nozzles adjusted to provide thorough coverage of the foliage, particularly the older leaves. Under severe disease conditions the higher rate should be used for Early Blight. Application can also be made by chemigation or by air. When applying by sprinkler irrigation, deliver between 0.1 to 0.4 inches of water per acre. Thorough coverage of the foliage is essential for control.			
White Mold (<i>Sclerotinia sclerotiorum</i>)	2.0	10 Minimum	Apply just prior to row closing, or at early first sign of disease, and repeat on a 14 - 28 day interval, if favorable conditions for disease development continues.
HOW TO USE White Mold Apply with a boom sprayer using a single or multiple nozzles adjusted to provide thorough coverage of the lower stems and branches and the soil surface surrounding the plants or by chemigation.			
USE RESTRICTIONS A maximum of 4 total applications can be made per season. Do not apply within 14 days of harvest. (PHI= 14 days). Do not irrigate for 24 hours after application. Do not apply by air for White Mold control.			



DIRECTIONS FOR USE THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product only through sprinkler irrigation systems including microjet, solid set, wheel lines and center pivot. Do not apply this through any other type of irrigation system.

SPRAY PREPARATION: Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

APPLICATION INSTRUCTIONS: First prepare a suspension of Iprodione 4F Flowable Fungicide in a mix tank. Fill tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of IPRODIONE[®] 4 brand Flowable Fungicide, and then the remaining volume of water. (Suspension concentrations using the appropriate dosage per acre recommended on this label of Iprodione 4F Flowable Fungicide per 1 to 4 gallons of water are recommended). The spray solution should be buffered to a pH of 5.0-7.0. Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of Iprodione 4F Flowable Fungicide into the irrigation water line so as to deliver the desired rate per acre. The suspension of Iprodione 4F Flowable Fungicide should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. If you should have any other questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

NOTE: When treatment with Iprodione 4 Flowable Fungicide has been completed, further field irrigation over the treated area should be avoided for 24 hours to prevent washing the chemical off the crop.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Maintain 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 solution per unit time. 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. Do not apply when wind speed favors drift beyond the area intended for treatment. If you are unsure of wind conditions, contact your local extension agent.

Do not apply when wind speed favors drift, when system connection or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from nonuniform distribution of treated water.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise.

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

Ronilan[®] is a registered trademark of BASF Corporation.
Activate Plus[™] and Sensor pH[™] are trademarks of Terra Industries, Inc.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.