



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 10, 2015

Dr. Don O' Shaughnessy
Consultant for Agria Canada, Inc.
D. O'Shaughnessy Consulting, Inc.
427 Hide Away Circle
Cub Run, KY 42729

Subject: Label Amendment – addition of me-too uses: ginseng, fennel, seed treatment uses, walnuts, expansion of asparagus use and revision to lettuce and pepper rates.
Product Name: Fortuna 75 WDG Fungicide
EPA Registration Number: 89333-1
Application Date: November 3, 2014; resubmission dated March 10, 2015
Decision Number: 498273

Dear Dr. O'Shaughnessy:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Page 2 of 2
EPA Reg. No. 89333-1
Decision No. 498273

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact me by phone at 703-305-5410, or via email at johnson.hope@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to be 'HJ', written in a cursive style.

Hope Johnson, Product Manager 21
Fungicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure



AGRIA
 Agria Canada, Inc.
 207 Bank St. Ste 412
 Ottawa, ON, Canada K2P 2N2
 270-524-5633

Fortuna™ 75 WDG Fungicide

ACCEPTED
 03/10/2015

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 89333-1

ACTIVE INGREDIENT:

Mancozeb (a coordination product of zinc ion and manganese ethylenebisdithiocarbamate)		75.0 %
manganese++	15.0%	
zinc	1.9	
ethylenebisdithiocarbamate ion	58.1%	

OTHER INGREDIENTS		25.0%
TOTAL:		100.0 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID
<p>IF ON SKIN OR CLOTHING:</p> <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
<p>IF IN EYES:</p> <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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.
<p>IF INHALED:</p> <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.
<p>IF SWALLOWED:</p> <ul style="list-style-type: none"> • Call 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.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.</p>

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-424-9300.

EPA Reg. No. 89333 - 1

EPA Est. No. 88475-BGR-1

Net Contents _____

Batch No. _____

Manufactured for: Agria Canada, Inc.
 207 Bank St. Ste 412
 Ottawa, ON, Canada K2P 2N2

Product of Bulgaria

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are nitrile rubber, natural rubber, or butyl rubber.

Mixers, loaders, applicators and other handlers must wear:

- long-sleeved shirt
- long pants
- shoes and socks
- chemical-resistant gloves made of any waterproof material.

In addition, for aerial application of Fortuna 75 WDG Fungicide on broccoli, cabbage, lettuce (leaf and head), and peppers, occupational handlers performing mixing / loading operations must wear a particulate respirator with an N, R, P or HE filter NIOSH approval prefix TC-84-A.

For walnut applications, mixers and loaders must wear a dust/mist filtering respirator (MSHA / NIOSH approval number TC-84-A) or a NIOSH approved respirator with any N, R, P, or HE filter.

For potato seed piece treatment, handlers must wear a particulate respirator with an N, R, P or HE filter NIOSH approval prefix TC-84-A.

See engineering controls for additional requirements.

User Safety Requirements

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

Engineering Controls

Enclosed Cockpits: Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)].

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

Mechanical Flagging Engineering Controls: Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

User Safety Recommendations

Users should:

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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 cleaning equipment or disposing of equipment washwaters or rinsate. Cover or incorporate spilled treated seed.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.
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 (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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Commercial seed treatments and applications to lawn grasses, golf courses, industrial (office park), and municipal lawns are not within the scope of the Worker Protection Standard. Do not enter or allow others to enter treated areas until sprays have dried.

INSTRUCTIONS FOR USE

FORTUNA Fungicide is a broad-spectrum fungicide for use on outdoor and greenhouse-grown crops and ornamentals. A regularly scheduled preventative spray program will provide optimal

control. An agricultural surfactant labeled for use with fungicides will enhance performance by providing a more uniform foliar coverage, and enhanced fungicide retention during wet weather.

APPLICATION INSTRUCTIONS

AS A SPRAY (Ground or Aerial Equipment) - Apply FORTUNA 75 WDG FUNGICIDE at the rate shown; use sufficient water to provide thorough coverage: use 20 to 100 gallons per acre for ground equipment and no less than 2 gallons per acre for aircraft. Add FORTUNA 75 WDG FUNGICIDE slowly to water in the spray tank with agitation, or premix thoroughly in separate holding tank for concentrate or aircraft sprayers. Continuous agitation is required to keep the product in suspension. A spreader-sticker spray adjuvant may be used with this product if needed; contact your local product distributor for specific recommendations. If tank mixed, follow more restrictive labeling of any tank mix partner. Do not tank mix with any product that contains a prohibition on tank mixing.

Disease Monitoring

FORTUNA 75 WDG Fungicide is a broad-spectrum fungicide. Scout crops on a weekly basis if not applied on a routine protectant spray schedule.

Apply this product at the required label use rate and spray schedule, at the first sign of disease, report of disease in the area, or during environmental conditions favorable for disease development.

RESTRICTIONS

Foliar 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 metiram) 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 EBDC Products Used Allow Different Maximum 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 foliar applications permitted by the formula stated above, a single application for seed treatment may be made on crops which have registered seed treatment uses.

Chemigation

Sprinkler Irrigation

This product must be applied on a regular protectant fungicide schedule, not on an irrigation schedule. If irrigation cycles are less frequent than specified application intervals on this label, ground or aerial applications must supplement chemigation applications to achieve adequate disease control.

Chemigation Requirements

- Apply FORTUNA 75 WDG Fungicide only through sprinkler irrigation systems including center-pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply product through any other type of irrigation system.

- Crop injury, lack of fungicidal effectiveness or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- If you have questions about calibration, you should contact a State Extension Service specialist, 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 system 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.

Specific Instructions for Public Water Systems:

1. 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 out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) 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 system 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 top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must 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.
5. 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 pesticide distribution is adversely affected.
6. 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.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Instructions for Sprinkler Irrigation Systems:

1. 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.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. 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.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. 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.
6. 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.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.
8. Good agitation is required in the injection tank.
9. In moving systems, apply specified dosage of FORTUNA 75 WDG FUNGICIDE as a

continuous injection. In non-moving systems inject FORTUNA 75 WDG FUNGICIDE for 15 to 30 minutes at end of cycle. Use the least amount of water possible consistent with uniform coverage. 10. Mix the amount of FORTUNA 75 WDG FUNGICIDE needed for acreage to be treated into the quantity of water determined during prior calibration. For moving systems inject into the system continuously for one complete revolution of the field. For non-moving systems inject into system for the time established during calibration.

11. Stop injection equipment after treatment is completed and continue to operate irrigation equipment until all FORTUNA 75 WDG FUNGICIDE is flushed from system.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of mancozeb. Where states have more stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirements for ground boom application:

1. Do not apply with a nozzle height greater than 4 feet above the crop canopy.

CROP AND RATE TABLE

CROP	DISEASES CONTROLLED	RATE OF FORTUNA 75 WDG (LB / ACRE) PER APPLICATION	TIMING / INTERVALS
Almond	Anthracoze Blossom Blight (Monilinia spp.) Shothole (Stigmina spp.) Rust	6.4	Begin application at dormant to popcorn stage, full bloom or petal fall. Reapply every 7 to 10 days if bloom is staggered and weather is rainy. Do not use less than 10 gallons of spray volume per acre if aerially applied.

	Scab		
RESTRICTIONS Do not apply more than 19.2 lbs product (14.4 lbs. ai) per acre per use season. Do not make last application later than 5 weeks after petal fall. Do not graze livestock in treated area. Minimum retreatment interval is 7 days. Do not apply this product with a U-boom device.			
Asparagus	Cercospora Leaf Spot, Rust	2	Start applications when rust first appears and repeat at 10 day intervals.
RESTRICTIONS / COMMENTS: Apply only on asparagus ferns after spears have been harvested. Do not apply within 180 days of harvest in all states except CA and AZ (120 days). Do not apply more than 8 lbs product (6 lbs active) per acre per season.			
Banana (Including Plantain)	Sigatoka	2-3	Apply when leaves first appear and repeat every 14 to 21 days if needed. Use sufficient water to provide adequate coverage.
RESTRICTIONS Do not apply more than 30 lbs product (22.5 lbs active) per acre per growing cycle. Minimum preharvest interval 0 days.			
Barley, Oat, Rye, Wheat (Including Triticale)	Helminthosporium Leaf Spot, Leaf Rust, Septoria Glume Blotch, Septoria Leaf Spot, Tan Spot	2	Start application at onset of disease or when plants are in the tillering to jointing stage and repeat at 7 to 10 day intervals.
RESTRICTIONS Do not make more than three applications per season. Do not apply more than 6 lbs product (4.5 lbs active) per acre per crop. Do not apply within 26 days of harvest. PHI for barley, rye, and wheat is Feekes Growth Stage 10.5 (typically 35-45 days), but no less than 26 days. Do not graze livestock in treated areas prior to harvest.			
Broccoli	Alternaria Leaf Spot Downy Mildew	1.6-2.1	Begin applications prior to disease development and when conditions are favorable for disease development. Apply at 7 to 10-day intervals, if needed. Use higher specified rates when conditions favor disease.
RESTRICTIONS Do not apply more than 12.8 lbs product (9.6 lbs mancozeb)/A/season. Minimum retreatment interval is 7 days. Minimum preharvest interval is 7 days. Do not apply this product with a U-boom device. Aerial application of Fortuna 75 WDG Fungicide on broccoli requires that occupational handlers performing mixing/loading operations observe the additional mitigation measures of wearing a particulate respirator with an N, R, or P filter, NIOSH approval prefix TC 84-A.			
Cabbage	Alternaria Leaf Spot Downy Mildew	1.6-2.1	Begin applications prior to disease development and when conditions are favorable for disease development. Apply at 7 to 10-day intervals, if needed. Use higher specified rates when conditions favor disease.
RESTRICTIONS Do not apply more than 12.8 lbs product (9.6 lbs mancozeb)/A/season. Minimum retreatment interval is 7 days. Minimum preharvest interval is 7 days. Do not apply this product with a U-boom device. Aerial application of Fortuna 75 WDG Fungicide on cabbage requires that occupational handlers performing mixing/loading operations observe the additional mitigation measures of wearing a particulate respirator with an N, R, or P filter, NIOSH approval prefix TC 84-A.			
Corn	Common Rust,	1.5	Use sufficient water for thorough coverage.

Sweet Corn for Fresh Use or Processing; Popcorn; and Sweet Corn for Seed Production, including Hybrid Seed	Helminthosporium Leaf Blight, Gray Leaf Spot		Start applications when disease first appears and repeat at 4 to 7 day intervals.
RESTRICTIONS / COMMENTS: Do not apply within 7 days of harvest. Do not apply more than 22.5 lbs product (17 lbs active) per acre per crop east of the Mississippi and AR and LA. Do not apply more than 7.5 lbs product (5.6 lbs active) per acre per crop west of the Mississippi except AR and LA. Do not feed forage to livestock. Do not apply to sweet corn in home gardens.			
Field and Field Corn for Hybrid Seed Production	Common Rust, Helminthosporium Leaf Blight, Gray Leaf Spot	1.5	Use sufficient water for thorough coverage. Start applications when disease first appears and repeat at 4 to 7 day intervals.
RESTRICTIONS Do not apply within 40 days of harvest. Do not apply more than 15 lbs product (11.25 lbs active) per acre per crop. Do not feed forage to livestock.			
Cranberry	Fruit Rot	3-6	Start applications at mid-bloom and repeat at 7 to 10 day intervals.
RESTRICTIONS Do not apply within 30 days of harvest. Do not apply more than 18 lbs product (13.5 lbs active) per acre per season.			
Cucumber	Anthrachnose, Cercospora Leaf Spot, Downy Mildew, Gummy Stem Blight, Scab	2-3	Start applications when plants are in the two- leaf stage and repeat at 7 to 10 day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower leaf surfaces.
RESTRICTIONS / COMMENTS: Do not apply within 5 days of harvest. Do not apply more than 24 lbs product (18 lbs active) per acre per crop. Do not make more than 8 applications per year.			
<u>Cucurbit crop group:</u> Chayote Chinese wax gourd Citron melon Cucumber Gherkin Gourd, edible Momordica spp. Muskmelon Pumpkin Squash, Summer Squash, Winter Watermelon	Anthrachnose, Cercospora Leaf Spot, Downy Mildew, Gummy Stem Blight, Scab, Alternaria Leaf Spot	2-3	Start applications when the plants are in the two- leaf stage and repeat at 7 to 10 day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower leaf surfaces. For aerial applications, the minimum spray volume is 2 gallons per acre.
RESTRICTIONS Do not apply more than 25.6 lbs. product (19.2 lbs. active ingredient) per acre per year. Do not make more than 8 applications per year. Do not apply within 5 days of harvest.			
Fennel	Early Blight, Late Blight	2	Begin in plant beds at emergence. Repeat at 7 to 10 day intervals.
RESTRICTIONS / COMMENTS:			

Do not apply within 14 days of harvest. Do not apply more than 16 lbs product (12 lbs active) per acre per crop. Do not graze livestock in treated areas.			
Ginseng	Alternaria Blight	2	Start applications when disease first threatens and repeat every 7 to 10 days as needed. In Wisconsin, apply with ground equipment and a minimum of 80 gallons of water per acre.
RESTRICTIONS Do not apply more than 24 lbs. product (18 lbs. active ingredient) per acre per year. Do not apply more than 12 applications per year. Do not apply within 30 days of harvest.			
Grapes (East of the Rocky Mountains)	Black Rot, Bunch Rot, Deadarm, Downy Mildew	1.5-4	Apply in sufficient water to provide thorough coverage starting when new shoots are 1/2 to 1 1/2 inches long. Repeat when shoots are 3 to 5 inches long, when shoots are 8 to 10 inches long, and then at 7 to 10 day intervals until fruit is set. For late season control of black rot, deadarm and downy mildew, the use of other approved fungicides is suggested.
RESTRICTIONS Do not apply within 66 days of harvest. Do not apply more than 24 lbs (18 lbs active) per acre per season.			
Grapes (West of the Rocky Mountains)	Black Rot, Bunch Rot, Deadarm, Downy Mildew	1.5-2.5	Apply in sufficient water to provide thorough coverage starting when new shoots are 1/2 to 1 1/2 inches long. Repeat when shoots are 3 to 5 inches long, when shoots are 8 to 10 inches long, and then at 7 to 10 day intervals until fruit is set. For late season control of black rot, deadarm and downy mildew, the use of other approved fungicides is suggested.
RESTRICTIONS Do not apply within 66 days of harvest except in CA where no application can be made after bloom. Do not apply more than 7.5 lbs product (5.6 lbs active) per acre per season.			
Lettuce (Head, Leaf)	Anthraco- Downy Mildew	1.6-2.1	Begin applications prior to disease development and when conditions are favorable for disease development. Apply at 7 to 10 day intervals, if needed. Use higher specified rates when conditions favor disease.
RESTRICTIONS / COMMENTS: Remove residues from head lettuce by stripping and trimming. In California, do not apply more than 8.5 lbs product (6.4 lbs mancozeb)/A/ crop and do not apply within 14 days of harvest. In states other than California, do not apply more than 12.8 lbs product (9.6 lbs mancozeb)/A/crop and do not apply within 10 days of harvest. For all states: minimum retreatment interval is 7 days. Do not apply this product with a U-boom device. Aerial application of Fortuna 75 WDG Fungicide on lettuce (leaf and head) requires that occupational handlers performing mixing/loading operations observe the additional mitigation measures of wearing a particulate respirator with an N, R, or P filter, NIOSH approval prefix TC 84-A.			
Melon: Cantaloupe, Casaba, Crenshaw, Honeydew, Watermelon	Alternaria Leaf Spot, Anthraco- Downy Mildew, Gummy Stem Blight, Cercospora Leaf Spot	2-3	Start applications when plants are in the two-leaf stage and repeat at 7 to 10 day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower leaf surfaces. Some varieties are sensitive to FORTUNA 75 WDG fungicide. Consult State Cooperative Extension Service Specialist prior to use.
RESTRICTIONS			

<p>Do not apply within 5 days of harvest. Do not apply more than 24 lbs product (18 lbs active) per acre per season. Do not make more than 8 applications per year.</p> <p>Some cantaloupe varieties (i.e. Harvest Queen, Gold Star, Super Star, Sweet and Early, and Saticoy) are sensitive to Fortuna 75 WDG Fungicide. Consult State Cooperative Extension Service Specialist prior to use.</p>			
Onion (Dry Bulb), Garlic, Shallot	Botrytis Leaf Blight, Downy Mildew, Neck Rot, Purple Blotch	3	Follow a protective spray schedule starting when diseases are first reported in the area and repeat at 7 day intervals throughout the season.
<p>RESTRICTIONS Do not apply within 7 days of harvest. Do not apply to exposed bulbs. Do not exceed 30 lbs product (22.5 lbs ai) per acre per crop.</p>			
Onion (Dry Bulb), Garlic, Shallot	Smut (furrow drench)	3	Apply 3 lbs per acre as a furrow drench at time of planting onion seeds. Use 75 to 125 gallons of water per acre.
<p>RESTRICTIONS Do not use more than 2.25 lbs active per acre (29,000 linear feet of furrow) with an 18 inch row spacing.</p>			
Papaya	Anthrachnose (Colletotricum), Phytophthora Fruit Rot, Black Spot (Cercospora)	2.0-2.5 (minimum 50 gals per acre)	Begin at flowering; treat central column crown, blossom area and developing fruit. Repeat at 14 to 21 day intervals.
<p>RESTRICTIONS Do not use more than 37 lbs product (28 lbs active) per acre per year, i.e. do not make more than 14 applications per year. Minimum pre-harvest interval 0 days.</p>			
Peanut	Ascochyta Web Blotch, Cercospora Leaf Spot, Rust	1-2	Start application when disease first appears or is reported in area. Repeat sprays at 7 to 14 day intervals. Reduce sprays to a 7 day interval during humid weather.
<p>RESTRICTIONS Do not apply within 14 days of harvest. Do not use more than 16 lbs product (12 lbs active) per acre per crop. Do not feed treated vines to livestock.</p>			
Pepper west of the Mississippi	Anthrachnose Bacterial Spot (Xanthomonas axonopodis pv. vesicatoria) Cercospora Leaf Spot (Frogeye Spot) Phytophthora Blight Ripe Rot	1.6-2.1	Begin applications prior to disease development and when conditions are favorable for disease development. Apply at 7 to 10 day intervals, if needed. Use higher specified rates when conditions favor disease.
<p>RESTRICTIONS Do not apply more than 12.8 lbs product (9.6 lbs mancozeb)/A/crop. Minimum retreatment interval is 7 days. Minimum preharvest interval is 7 days. Do not apply this product with a U-boom device. Aerial application of Fortuna 75 WDG Fungicide on peppers, requires that occupational handlers performing mixing/loading operational handlers performing mixing/loading operations observe the additional mitigation measures of wearing a particulate respirator with an N, R, or P filter, NIOSH approval prefix TC 84-A.</p>			
Pepper east of the Mississippi	Anthrachnose Bacterial Spot	1.6-3.2	Begin applications prior to disease development and when conditions are favorable for disease

	(Xanthomonas axonopodis pv. vesicatoria) Cercospora Leaf Spot (Frogeye Spot) Phytophthora Blight Ripe Rot		development. Apply at 7 to 10 day intervals, if needed. Use higher specified rates when conditions favor disease.
RESTRICTIONS Do not apply more than 19.2 lbs product (14.4 lbs mancozeb)/A/crop. Minimum retreatment interval is 7 days. Minimum preharvest interval is 7 days. Do not apply this product with a U-boom device. Aerial application of Fortuna 75 WDG Fungicide on peppers, requires that occupational handlers performing mixing/loading operations observe the additional mitigation measures of wearing a particulate respirator with an N, R, or P filter, NIOSH approval prefix TC 84-A.			
Pome Fruit Apple, Pear, Crabapple, Quince <u>Pre-bloom / bloom use</u>	Rusts, Scab, Fabrea Leaf Spot	6.0	Pre-Bloom/Bloom Use: Begin application at 1/4 to 1/2 inch green tip and continue on a 7 to 10 day schedule through bloom. Use either the "Pre-Bloom/Bloom" or "Extended Application" schedule. DO NOT COMBINE OR INTEGRATE THE TWO TREATMENT SCHEDULES Maximum per acre use rate based on thorough coverage dilute sprays. Use 50 gal minimum per acre. Consult State Extension Service if necessary to adjust for variable tree size
RESTRICTIONS Do not apply more than 6 lbs product (4.5 lbs active) per acre per application. Do not apply after bloom. Do not apply more than 24 lbs (18 lbs active) 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.			
Pome Fruit Apple, Pear, Crabapple, Quince <u>Extended Application Schedule or for Use in Tank Mixtures:</u>	Rusts, Scab, Fabrea Leaf Spot	3.0	<u>Extended Application Schedule or for Use in Tank Mixtures:</u> For implementation of IPM programs, applications based on tree-row volume, or for use as a resistance management tool: begin applications at 1/4 to 1/2 inch green tip and continue applications on a 7 to 10 day schedule through the second cover spray. Use either the "Pre-Bloom/Bloom" or "Extended Application" schedule. DO NOT COMBINE OR INTEGRATE THE TWO TREATMENT SCHEDULES Maximum per acre use rate based on thorough coverage dilute sprays. Use 50 gal minimum per acre. Consult State Extension Service if necessary to adjust for variable tree size
RESTRICTIONS Do not apply more than 3 lbs product (2.25 lbs active) per acre per application. Do not apply within 77 days of harvest. Do not apply more than 21 lbs product (15.75 lbs active) 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.			
Potato	Early Blight, Late Blight, Black Dot	1-2	Begin applications when plants are 4 to 6 inches high by applying 1 lb per acre. As the vines increase in size, apply 1.5 to 2 lbs per acre at

	Disease Suppression: Botrytis		intervals of 5 to 10 days or 1 lb per acre at 3 to 5 day intervals.
Do not apply more than 15 lbs product (11.2 lbs active) per acre per crop. Do not use within 3 days of harvest in CT, DE, FL, MA, ME, MI, NH, NY, OH, PA, RI, VT, WI, and within 14 days elsewhere. Vine-kill should occur 14 days before harvest. It is recommended that this product be used in an Integrated Pest Management Program.			
Squash (Summer Squash, Including Edible Gourd)	Downy Mildew	2-3	Start applications when plants are in the two-leaf stage and repeat at 7 to 10 day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower leaf surfaces.
RESTRICTIONS Do not apply within 5 days of harvest. Do not apply more than 24 lbs product (18 lbs active) per acre per year. Do not make more than 8 applications per year.			
Sugar Beet	Cercospora Leaf Spot	1.5-2	Begin when disease first threatens. Repeat at 7 to 10 day intervals.
RESTRICTIONS Do not apply within 14 days of harvest. Do not apply more than 14 lbs product (10.5 lbs active) per acre per crop. Do not feed treated sugar beet tops to livestock.			
Tomato (East of the Mississippi River)	Anthracnose, Early Blight, Gray Leaf Spot, Late Blight, Leaf Mold, Septoria Leaf Spot	0.75-1.5	Start application when seedlings emerge or transplants are set. Repeat at 3 to 7 day intervals throughout the season.
RESTRICTIONS Do not apply within 5 days of harvest. Do not apply more than 22.4 lbs product (16.8 lbs active) per acre per crop.			
Tomato (East of the Mississippi River)	Bacterial Speck and Spot	1.5-3	Start application when seedlings emerge or transplants are set. Repeat at 7 to 10 day intervals throughout the season.
RESTRICTIONS Do not apply within 5 days of harvest. Do not apply more than 22.4 lbs product (16.8 lbs active) per acre per crop. Use a full rate of a fixed copper fungicide in tank mix combination with a half to full rate of FORTUNA 75 WDG FUNGICIDE. Follow the application interval on the copper fungicide label.			
Tomato (West of the Mississippi River)	Anthracnose, Early Blight, Gray Leaf Spot, Late Blight, Leaf Mold, Septoria Leaf Spot	0.75-1.0	Start application when seedlings emerge or transplants are set. Repeat at 3 to 7 day intervals throughout the season.
RESTRICTIONS Do not apply within 5 days of harvest. Do not apply more than 8.5 lbs product (6.4 lbs active) per acre per crop.			
Tomato (West of the Mississippi River)	Bacterial Speck and Spot	1.5-2	Start application when seedlings emerge or transplants are set. Repeat at 7 to 10 day intervals throughout the season.
RESTRICTIONS Do not apply within 5 days of harvest. Do not apply more than 8.5 lbs product (6.4 lbs active) per acre per crop. Use a full rate of a fixed copper fungicide in tank mix combination with a half to full rate of FORTUNA 75 WDG FUNGICIDE. Follow the application interval on the copper fungicide label.			

Walnuts	Walnut blight (Xanthomonas campestris pv. Juglandis)	2.4 lb / acre	Apply by ground in a minimum of 100 gallons of water per acre or by air in a minimum of 10 gallons per acre. Do not apply through any irrigation system. Begin applications at early pre-bloom prior to or when catkins are partially expanded. Make additional applications during bloom and early nutlet stage, or as needed if frequent rainfall occurs.
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RESTRICTIONS This product must be mixed with a fixed copper product registered for use on walnuts(e.g. Kocide 101 Reg. No. 352-681, with copper hydroxide).
The minimum reapplication interval is 7 - 10 days. Do not make more than 10 applications per season. Do not apply more than 24 pounds product (18 lbs ai) per acre per use season.
Pre-harvest Interval: Do not apply within 75 days before harvest.
Mixers and loaders must wear a dust/mist filtering respirator (MSHA / NIOSH approval number TC-84-A) or a NIOSH approved respirator with any N, R, P, or HE filter.

Tropical Fruits Limited to: Sugar apple Cherimoya Atemoya Custard apple Sweetsop	Anthracoese	2-2.5	Begin applications at flowering and continue at a 7 day retreatment interval. Applications made with aerial equipment must be made in a minimum spray volume of 10 gal/acre.
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RESTRICTIONS:
Do not apply more than 35 lbs. product (26.25 lbs. active ingredient) per acre per year. Do not apply more than 14 applications per year. Applications may be made up to the day of harvest.

Tropical Fruits Limited to: Mango Star apple (caimito) Canistel Mamey Sapote Sapodilla White sapote	Anthracoese, Phytophthora Fruit Rot, Black Spot (Cercospora)	2-2.5	Start applications at flowering and continue at 14 to 21 day intervals. Direct spray to crown and blossom area. Use 20 to 100 gallons water per acre.
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RESTRICTIONS
Do not apply more than 37.3 lbs. product (28 lbs. active ingredient) per acre per year. Do not apply more than 14 applications per year. Applications may be made up to the day of harvest.

OTHER CROPS AND RATES

CROP	DISEASES CONTROLLED	RATE OF FORTUNA 75 WDG	SPECIFIC USE DIRECTIONS
Asparagus Crown (Planting Stock)	Crown Rot	1.0 lb/100 gals	Dip clean, loosely packed crowns into continuously agitated fungicide suspension for 5 minutes. Drain and plant as soon as possible.
RESTRICTIONS Wash dirty crowns before dip treatment. Replace suspension in clean tank when discolored by soil.			
Caprifig (Non-Food Use)	Endosepsis (Fusarium), Mold	4 lbs/100 gals	Prepare mamme figs by making a shallow cut through the eye and then hand dividing to avoid wasp injury. Submerge mamme figs in the continuously agitated suspension for at least 15

			minutes. Drain before placement in trees.
RESTRICTIONS Use fresh dipping suspension after treating 4 to 5 batches of figs.			
Potato (Seedpiece Treatment)	Fusarium Decay, Seedborne Common Scab	1.25 per 50 gal	Dip whole or cut potato tubers in 1.25 lbs FORTUNA 75 WDG FUNGICIDE fungicide per 50 gallons of water. Place treated tubers in a clean container following treatment and plant as soon as possible. Spread treated seedpieces in a cool place if held before planting.
RESTRICTIONS Seed Bag Label Requirements The Federal Seed Act requires that seed-pieces that have been treated with this product that are then packaged or bagged for future use shall be labeled with the following statements: - This seed has been treated with Fortuna 75 WDG Fungicide, a fungicide containing mancozeb. - Do not use treated seed for feed, food, or oil purposes. The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with mancozeb: - Store treated seed-pieces away from food and feedstuffs. - Do not allow children, pets or livestock to have access to treated seeds. - When opening this bag or loading/pouring the treated seed/seed-pieces.....” - Dispose of all excess treated seed by burying seed away from bodies of water. - Do not contaminate bodies of water when disposing of planting equipment wash water. - Dispose of seed packaging or containers in accordance with local requirements. After the seed pieces have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. Exception: Once the seed pieces are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/ media subsurface. When opening this bag or loading/pouring the treated seed-pieces, wear long-sleeved shirt, long pants, shoes, socks, chemical resistant gloves, and observe the additional mitigation measures of wearing a particulate respirator with an N, R, or P filter, NIOSH approval prefix TC 84-A.			
Christmas trees (fir, spruce, pine)	Ascochyta, Alternaria, Botrytis, Cephalosporium, Cladosporium, Cronartium, Fusarium, Lophodermium, Melampsora, Monchaetia, Phomopsis, Rhizoctonia, Septoria, Sirococcus, Sphaeropsis	1 to 2 lb per acre or 1 to 2 lb per 100 gal	Aerial application: Apply 1 to 2 lbs per acre using a minimum rate of 10 gallons of spray per acre during aerial applications. Application of dilute sprays: Apply as thorough coverage spray using 1 to 2 lbs per acre of 1 to 2 lbs per 100 gallons of water. Begin application at first sign of disease and repeat every 7 to 10 days. Use the shortest spray interval during periods of frequent rain, when severe disease conditions persist or during periods of rapid plant growth. This product may be used alone or in combination with other fungicides.
Douglas fir	Swiss needle cast		

SEED TREATMENTS

For commercial treatment only. Do not treat seed at or immediately before planting. Users making commercial seed applications must follow provisions within the Non-Agricultural Use Requirements Box.

Users conducting seed treatments on agricultural establishments must follow provisions within the Agricultural Use Requirements Box.

Seed to be treated must be clean and well-cured prior to treatment.

FORTUNA 75 WDG FUNGICIDE must be applied to dry seed with conventional slurry or mist seed treating equipment, or as a plant-box application. For best results, seed must be covered uniformly with fungicide.

For seed treatment, a dye must be added to the Fortuna 75 WDG Fungicide treating slurry which will impart an unnatural color to the seed. Seed Bag Label Requirements

The Federal Seed Act requires that seed-pieces that have been treated with this product that are then packaged or bagged for future use shall be labeled with the following statements:

- **This seed has been treated with [insert product], a fungicide containing mancozeb.**
- **Do not use treated seed for feed, food, or oil purposes.**

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with mancozeb:

- Store treated seed-pieces away from food and feedstuffs.
 - Do not allow children, pets or livestock to have access to treated seeds.
 - When opening this bag or loading/pouring the treated seed-pieces, wear long-sleeved shirt, long pants, shoes, socks, chemical resistant gloves, and observe the additional mitigation measures of wearing a particulate respirator with an N, R, or P filter, NIOSH approval prefix TC 84-A.
 - Dispose of all excess treated seed by burying seed away from bodies of water.
 - Do not contaminate bodies of water when disposing of planting equipment wash water.
 - Dispose of seed packaging or containers in accordance with local requirements.
 - After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.
 - Excess treated seed may be used for ethanol production only if (1) byproducts are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol byproducts that are used in agronomic practice.”

CROP	DISEASES	SEED TREATMENT RATE	
		OZ PRODUCT PER BUSHEL	OZ PRODUCT PER 100 lb
Barley	Bunt, Covered Smut, Damping-Off, Fake Loose Smut, Seed Decay, Seedling Blights	1.3-2.0	2.7-4.2
Corn	Damping-Off, Seed Rot, Seedling Blights	1.5 -3.0	2.7-5.4
Cotton – acid delinted	Damping-Off, Seedling Blights	-	3.0
Cotton – reginned	Damping-Off, Seedling Blights	-	6.0
Flax	Seed Decay, Seedling Blights, Damping-Off	2.0-4.0	3.6-7.1
Oats	Damping-Off, Seedling Blights, Seed Decay, Smuts	1.3-2.0	4.0-6.3
Peanuts (shelled)	Damping-Off, Seed Rots, Seedling Blights	2.0-4.0	8.0-16.0
Rice	Achyla, Other Soil and Seedborne Fungi Causing Seed Rot and Reduced Seedling Vigor	-	2.0 to 4.0 Apply before, during or after soaking in water
Rye	Bunt, Covered Smut, Damping-Off, Seed Decay, Seedling Blights	1.3-2.0	2.3-3.6
Safflower	Puccinia carthami (Which Causes Foot-and-Rot Disease and Foliage Rust Disease)	-	2.0
Sorghum	Covered Kernel Smut, Damping-Off, Seedling Blights, Seed Rots	1.5-2.5	2.7-4.5
Tomato	Damping-Off, Seedling Blights, Seed Rots	-	8.0
Wheat and Triticale	Bunt, Covered Smut, Damping-Off, Seed Decay,	1.3-2.0	2.2-3.3

	Seedling Blights		
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CHRISTMAS TREES: Plantations and Nurseries

Crop	Diseases Controlled	FORTUNA 75 WDG Fungicide rate per application	Directions
Christmas trees (fir, spruce, pine)	Ascochyta, Alternaria, Botrytis, Cephalosporium, Cladosporium, Cronartium, Fusarium, Lophodermium, Melampsora, Monchaetia, Phomopsis, Rhizoctonia, Septoria, Sirococcus, Sphaeropsis	1 to 2 lb per acre or 1 to 2 lb per 100 gal	Aerial application: Apply 1 to 2 lbs per acre using a minimum rate of 10 gallons of spray per acre during aerial applications. Application of dilute sprays: Apply as thorough coverage spray using 1 to 2 lbs per acre of 1 to 2 lbs per 100 gallons of water. Begin application at first sign of disease and repeat every 7 to 10 days. Use the shortest spray interval during periods of frequent rain, when severe disease conditions persist or during periods of rapid plant growth. This product may be used alone or in combination with other fungicides.
Douglas fir	Swiss needle cast		

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a dry area. 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: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Non-recyclable container. Dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

ATTENTION: This product contains mancozeb and ETU, chemicals known to the State of California to cause cancer. ETU is also known to the State of California to cause birth defects or other reproductive harm in laboratory animals.

WARRANTY AND CONDITIONS OF SALE

Agria Canada warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for use therein described when used in accordance with the Directions for Use set forth in the label.

To the extent consistent with applicable law, any damage arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages, such as loss of profits or values or any other special or indirect damages. **Agria Canada** makes no other express or implied warranty including any other express or implied warranty of FITNESS or MERCHANTABILITY.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.