

2014-4905
2015-03-10

COMMERCIAL

NET CONTENTS: 10 kg

MAESTRO® 80DF FUNGICIDE
Dry Flowable

GROUP	M	FUNGICIDE
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DANGER - CORROSIVE TO EYES, POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN
AND UNAUTHORIZED PERSONNEL

CAUTION: Exposure to captan may produce long term health effects. To minimize exposure, follow directions outlined on this label.

GUARANTEE: Captan.....80% (Nominal)

WARNING: Contains the allergen SOY

REGISTRATION NO. 26408 PEST CONTROL PRODUCTS ACT

ARYSTA LIFE SCIENCE NORTH AMERICA, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

For Product Information Call: 1-866-761-9397

D94/A-2

PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN AND UNAUTHORIZED PERSONNEL

DANGER - CORROSIVE TO EYES, POTENTIAL SKIN SENSITIZER. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

Never handle material with bare hands. Wear long-sleeved shirt and long pants, chemical resistant gloves, goggles and NIOSH approved quarter or half mask cartridge respirator (for particulates) during all mixing, loading, application, clean-up and repair activities. Do not breathe dust or spray mist. In addition, workers should wear a chemical resistant rain suit during greenhouse application.

For aerial mix/load/clean-up and repair activities, wear long-sleeved shirt and long pants, chemical resistant gloves, goggles and NIOSH approved quarter or half mask respirator (for particulates). For aerial applicators (pilots), wear long-sleeved shirt and long pants and, if the cockpit is not equipped with an air filtration mechanism, wear respiratory protection.

DO NOT reenter treated blueberries, caneberrries (raspberries and blackberries), and grapes within 72 hours of application. DO NOT reenter ornamentals within 4 days of treatment. DO NOT reenter all other treated areas within 48 hours of application. If reentry into treated areas is required, workers must wear long pants, long-sleeved shirt, chemical resistant gloves, work boots and goggles. No re-entry shall occur in treated greenhouses without an approved respirator unless it has been fully ventilated.

DO NOT re-enter treated ginseng areas within 5 days of application for scouting, 25 days for any hand-set irrigation activities, and 48 hours for all other activities.

Change contaminated clothing daily and wash thoroughly before re-use. Wash hands, face and arms thoroughly after handling MAESTRO 80DF FUNGICIDE and before drinking, eating or smoking. Shower after use or at the end of the work day. Wash clothing and gloves before re-use. Always work out of the wind during mixing and loading operations. Keep unprotected persons out of operating area or vicinity where there may be drift.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at www.croplife.ca

FIRST AID	
Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.	
If swallowed	Call a poison control centre 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 a poison control centre or doctor. Do not give

	anything by mouth to an unconscious person.
If in eyes	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 centre or doctor for treatment advice.
For skin or clothing contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION

This product may cause irreversible eye damage depending upon the amount and duration of exposure. Thoroughly rinsing the eyes immediately following exposure may reduce the risk of permanent eye injury. Repeated dermal exposure to this product may cause an allergic reaction (sensitization) in some individuals.

EMERGENCY TELEPHONE NUMBER

All hours, 1-866-303-6952 ONLY for health and environmental information.

FOR 24 HOUR CHEMICAL EMERGENCY ASSISTANCE:

Spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly or indirectly to water. Do not contaminate ponds, lakes, streams or rivers by cleaning of spray equipment or disposal of waste.

DISPOSAL

Thoroughly empty the contents of the container into the application device. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the Manufacturer and the Provincial Regulatory Agency in case of spills and for clean-up of spills.

PRODUCT INFORMATION

MAESTRO 80DF FUNGICIDE is a dry flowable granule formulated to disperse in water and form a spray mixture for the control of certain fungal diseases of fruit, vegetables and

ornamental crops. MAESTRO 80DF FUNGICIDE is also useful as a soil treatment for the control of certain seed-rots and damping-off diseases. Application can be made by aircraft or ground equipment including concentrate and semi-concentrate equipment.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

GENERAL USE PRECAUTIONS

Observe use limitation given on the label for specific crops. Regulations of Health Canada have established the amounts of agricultural chemicals that are permitted to remain on food crops at time of harvest. To avoid exceeding these residue tolerances, use only the recommended amounts and do not spray nearer to harvest than the number of days indicated for each crop, or not later than the stage indicated. Consult local agricultural authorities for additional information as the timing and number of applications needed will vary with local conditions.

AERIAL APPLICATION PRECAUTIONS

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards

a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the recommended rate in a minimum spray volume of 50.0 litres per hectare.

COMPATIBILITY

MAESTRO 80DF FUNGICIDE can be used safely and effectively at recommended rates with most of the commonly used insecticides and fungicides with the exception of oil and strongly alkaline materials. Alkaline materials such as spray lime, lime-sulfur and Bordeaux mixture will reduce the fungicidal activity of MAESTRO 80DF FUNGICIDE. Do not apply MAESTRO 80DF FUNGICIDE in combination with or immediately before or closely following oil sprays. Combinations with solvent formulation of organic phosphates should not be used. The use of spreaders which cause excessive wetting is not advised. Combinations of MAESTRO 80DF FUNGICIDE and sulfur should not be used on crops sensitive to sulfur.

When tank mixing MAESTRO 80DF with other pesticides, **always add MAESTRO 80DF FUNGICIDE to the spray tank first** and agitate until fully dispersed and suspended. Then add other products to the spray tank.

PLANT SAFETY

Used at high rates or in drenching sprays, MAESTRO 80DF FUNGICIDE may cause a necrotic spotting of tender, immature leaves of certain varieties of apples, peaches, plums, and cherries. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy, humid weather. To avoid hazard of leaf spotting under such conditions, use MAESTRO 80DF FUNGICIDE and other spray materials at lowest recommended rates and avoid drenching trees.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that MAESTRO 80DF FUNGICIDE contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to MAESTRO 80DF FUNGICIDE and other Group M fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of MAESTRO 80DF FUNGICIDE or other Group M fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Arysta LifeScience North America, LLC at 866-761-9397.

MIXING DIRECTIONS

Fill the sprayer tank $\frac{1}{2}$ to $\frac{3}{4}$ full of clean water. If sprayer is equipped with a screen over the tank opening, remove the screen and add the required amount of MAESTRO 80DF FUNGICIDE directly into the spray water. Add balance of water to fill tank. Keep agitator running during filling, mixing and spraying operations. Do not allow mixture to stand.

When tank mixing MAESTRO 80DF FUNGICIDE with other pesticides, **always add MAESTRO 80DF FUNGICIDE to the spray tank first** and agitate until fully dispersed and suspended. Then add other products to the spray tank.

APPLICATION RATES

Fruit Crops

APPLE: Primary Scab Infection - Use 3.75 kg/ha for all sprays beginning at green tip, up to and including second cover. **Secondary Scab Infection** - If primary scab is under control, reduce rate to 1.9 kg/ha in balance of cover sprays. **Sooty Blotch, Fly Speck, Brook's Spot, Bitter Rot, Black Rot** - Use 1.9 kg to 3.75 kg/ha. **Bull's Eye Rot (Gloeosporium perennans)** - Use 3.75 kg/ha. Apply if rainy periods occur prior to harvest. Consult provincial spray calendar for timing of applications. Do not apply within 7 days of harvest. Early season sprays may cause necrotic spotting to foliage of Red Delicious, Winesap and other sensitive varieties. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

Tank mix with NOVA® 40W Agricultural Fungicide for Control of Apple Scab (GROUND APPLICATION ONLY) - NOVA 40W Agricultural Fungicide is a systemic fungicide. When tank mixing use 320 g/ha (full rate) of NOVA 40W and one-half of the recommended rates of MAESTRO 80DF FUNGICIDE for apple scab control. Follow all directions for NOVA 40W Agricultural Fungicide as given on the NOVA 40W Agricultural Fungicide label.

APRICOT: Brown Rot - Apply 3.75 to 4.5 kg/ha with thorough coverage at pink bud, bloom, shuck-split, shuck-fall, and pre-pick sprays. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

CHERRIES: (Sour, Sweet): Brown Rot, Leaf Spot (Shot Hole) - Use 3.75 to 4.5 kg/ha in the pre-bloom, bloom, petal fall, shuck, cover sprays, and immediately after harvest. Leaf injury may result to the Schmidt and Emperor Francis varieties of sweet cherry in post-bloom sprays. Consult provincial spray calendar for variations in the spray schedule. May be applied up to 2 days before harvest of sweet cherries. May be applied up to 5 days before harvest of sour cherries. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

PEACH: Brown Rot, Scab - Use 3.75 to 4.5 kg/ha. Apply in late pink, full bloom, petal fall, shuck fall and cover sprays. Continue applications through harvest if conditions favour brown rot. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

PEAR: Scab, Sooty Blotch - Use 3.75 kg/ha. **For Scab**, apply in the pre-bloom, petal fall and first cover sprays. **For Sooty Blotch**, apply in the second cover spray and 2 weeks later. Do not use on D'Anjou pears. Do not apply within 7 days of harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

PLUM, PRUNE: Black Knot, Brown Rot - Use 3.75 to 4.5 kg/ha. **For Black Knot**, spray in the green tip, pre-bloom and blossom sprays. **For Brown Rot** apply in the pre-bloom, shuck and cover sprays. Repeat application at 7 to 14 day intervals as needed to maintain cover. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

GRAPE: Dead Arm (Current Season's Infections) - Use 2 kg/ha. Apply when new shoots are 1 to 5 centimetres long and again when 10 to 15 centimetres long. **Downy Mildew, Black Rot** -

Use 2 to 3.5 kg/ha. Apply just before bloom, just after bloom and in first cover. For downy mildew, an additional application 2 to 3 weeks later may be needed. Do not apply within 7 days of harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

RASPBERRY: Fruit Rot, Spur Blight - Use 2.5 kg in 1,000 litres water per hectare. Treat when blossoms first appear and then at 7 to 10 day intervals until harvest. If conditions favour fruit rot, continue applications throughout the harvest period. May be applied up to 2 days before harvest. Do not apply by air.

BLACKBERRY: Fruit Rot - Use 2.25 kg in 1,000 litres water per hectare. Treat when first blossoms open and then at weekly intervals through bloom. If conditions favour fruit rot, continue applications throughout the harvest period. May be applied up to 2 days before harvest. Do not apply by air.

LOGANBERRY: Cane Spot, Fruit Rot, Leaf Spot, Spur Blight - Use 1.5 to 2.25 kg in 1,000 litres water per hectare. Treat when first blossoms open and then at weekly intervals through bloom. If conditions favour fruit rot, continue applications throughout the harvest period. May be applied up to 2 days before harvest. Do not apply by air.

BLUEBERRY: Fruit Rot, Mummy Berry - Use 2.25 kg in 1,000 litres water per hectare. Treat when new growth starts and then at weekly intervals through bloom. If conditions favour fruit rot, continue applications throughout the harvest period. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

STRAWBERRY: Gray-Mold Rot, Leaf Spot - use 2.75 to 4.25 kg in 1,000 litres water per hectare. Make first application when new growth starts in spring before fruit forms. Repeat at weekly intervals. If conditions favour fruit rot, make continuous applications through harvest period, treating immediately after picking. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

RHUBARB (IN FORCING SHEDS): Leaf Rot - Use 1.25 to 2 kg in 1,000 litres water. Spray at weekly intervals. May be applied up to 2 days before harvest. Do not apply by air.

Vegetable and Ornamental Crops

CUCUMBER: Anthracnose, Scab - Use 2.25 to 4.25 kg per hectare in sufficient water for thorough coverage. Treat at first sign of disease and then at 5 to 7 day intervals. Use 2.25 to 3.25 kg on young plants, 3.25 to 4.25 kg on mature plants. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

POTATOES: Early Blight, Late Blight - Use 2.5 to 3.75 kg per hectare in sufficient water for thorough coverage. Begin treatment at first sign of disease or as indicated by disease monitoring services. Repeat applications on a 7 to 10 day schedule as needed to maintain control. May be applied up to 7 days before harvest. Do not make more than 7 applications per season. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

TOMATO: Anthracnose, Septoria Leaf Spot - Use 2.75 to 4.25 kg per hectare in sufficient

water and repeat at 5 to 7 day intervals or as needed to maintain control. Use higher rates on mature plants or for severe infections. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to aerial application precautions.

NOTICE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATION

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than ARYSTA LIFESCIENCE NORTH AMERICA, LLC and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. ARYSTA LIFESCIENCE NORTH AMERICA, LLC itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when on the crop listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold ARYSTA LIFESCIENCE NORTH AMERICA, LLC harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

GINSENG

For the control of rhizoctonia root rot (*Rhizoctonia solani*), pythium root rot and damping-off (*Pythium* spp.), phytophthora root rot (*Phytophthora cactorum*) and grey mould (*Botrytis cinerea*) and suppression of cylindrocarpon root rot (*Cylindrocarpon destructans*), apply MAESTRO 80DF as a broadcast foliar spray at a rate of 2.5 kg/ha (2.0 kg a.i./ha) in a spray volume of 935 – 1871 L water/ha. Begin applications prior to disease onset, when conditions are conducive to disease development with a minimum interval of 7 days. Do not apply more than 8 applications. Ground applications only. Applications can be made up to 20 days before harvest.

The application rate should be based on 2.5 kg product per hectare applied in the appropriate volume of carrier to achieve thorough coverage of all plant surfaces. For example, if you apply 1000 litres of water per hectare, thoroughly mix 2.5 kg of product in 1000 litres of water and apply thorough coverage of all above-ground plant surfaces for optimal disease control. Use care in mixing and application to avoid exceeding rates of 2.5 kg product per hectare regardless of spray volume.

Soil and Greenhouse Bench Treatment: Use as a soil treatment for damping-off and fungus root rot diseases of seedlings or transplants of roses (and other shrubs, trees, flowers), lawn seedbeds, and vegetables (beans, peas, celery, crucifers, eggplants, pepper, tomato). Use 1.25 kg per 1,000 litres water and apply at rates of 50 to 85 litres per 100 square metres. Work into the upper 7.5 to 10 centimetres of soil before planting. Do not apply by air.

TURF (golf course and sod farms only): Brown Patch, Damping-Off, Leaf Spot, Melting-Out, Root Rot - Use 90 to 150 grams in 20 L of water per 100 square metres. Begin treatments before infection occurs in early spring. Repeat at interval of 7 to 14 days throughout the summer. The maximum application rate to turf (golf courses, sod farms) is 5.9 kg of Maestro 80 DF per hectare with a maximum season rate of 11.9 kg/hectare. Do not apply to home lawns, parks, schools, sport fields and other recreation areas. Do not apply by air.

CAMELLIA: Petal Blight - Use 1.25 kg in 1,000 litres water. Apply to foliage and soil around plants. Treat weekly or bi-weekly before and during flowering season, especially following rain or damp weather. Do not apply by air.

CARNATION: Leaf Spot, CHRYSANTHEMUM: Botrytis Flower Blight, Septoria Leaf Spot. ROSE: Black Spot - Use 1.20 to 1.5 kg in 1,000 litres water. Apply to give even coverage of upper and lower leaf surface. Repeat at intervals of 7 to 10 days as necessary. Do not apply by air.

ASTER, DAHLIA, LILAC, ROSE, TULIP: Botrytis Flower Blight - Use 1.25 kg in 1,000 litres water. Apply when disease first appears and repeat at intervals of 7 to 10 days as required. Do not apply by air.

AZALEA, CARNATION, CHRYSANTHEMUM: Damping-Off, Rot - Use 3 to 6 grams per litre water. Dip cutting for 20 to 30 minutes. Drain before planting. Do not apply by air.

BEGONIA (TUBEROUS), DAFFODIL, DAHLIA, GLADIOLUS, IRIS (Bulbous), NARCISSUS, TULIP: Damping-Off, Bulb Rots - Use 3.75 to 9.5 kg in 1,000 litres water. Before storage, dip and allow to dry. Do not apply by air.

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NOVA is a registered trademark of Rohm and Haas, Company, USA