

2019-6416
2019-12-18

GROUP	3	FUNGICIDE
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FUNGINEX® DC Fungicide

Emulsifiable Concentrate

AGRICULTURAL

ACTIVE INGREDIENT: Triforine190 g/L

REGISTRATION NO. 27686
PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

DANGER - EYE IRRITANT and SKIN IRRITANT

IN CASE OF EMERGENCY INVOLVING A POISONING OR MAJOR SPILL
CALL

1-866-336-2983 OR 1-703-527-3887

NET CONTENTS: 0.5 L to 10 L

REGISTRANT
SUMMIT AGRO NORTH AMERICA HOLDING CORPORATION
300 MADISON AVENUE
NEW YORK NY 10017-9096
UNITED STATES

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DIRECTIONS FOR USE

Ground application only. DO NOT apply FUNGINEX DC Fungicide using aerial application equipment.

BLUEBERRY (LOWBUSH & Highbush)

- a) BRITISH COLUMBIA - for control of Mummy berry (*Monilinia vaccinii-corymbosi*), apply 3 L per hectare in 1,000 L of water. DO NOT make more than 4 applications per season. Apply in the spring at bud break and repeat 10 to 14 days later. Apply a third spray at early bloom and repeat 10 to 14 days later. Thoroughly wet all buds and shoots. DO NOT apply later than 60 days before harvest. Consult local extension service for proper application timing.
- b) EASTERN CANADA - for control of Mummy berry, apply 1.7 to 3 L per hectare in 1,000 L of water. DO NOT make more than 3 applications per season. Apply in the spring at bud break and repeat 10 to 14 days later. Apply a third spray at early bloom. DO NOT make more than three applications from leaf-bud break to pink-bud stage. Application of FUNGINEX DC Fungicide during or beyond early bloom may result in fruit russetting. Thoroughly wet all buds and shoots. DO NOT apply later than 60 days before harvest. Consult local extension service for proper application timing.

CRANBERRY (B.C. ONLY):

For control of cottonball (*Monilinia oxycocci*), apply 3 L per hectare in 1,000 to 1,500 L of water in the spring at leaf bud-break. Repeat 10 to 14 days later. Apply third spray at early bloom and repeat 10 to 14 days later if disease persists. DO NOT make more than 4 applications per season. Thoroughly wet all buds and shoots. DO NOT apply later than 60 days before harvest. Consult local extension service for appropriate application timing.

SASKATOON BERRIES:

For the control of Saskatoon-juniper rust (*Gymnosporangium* spp.) and Entomosporium leaf and berry spot (*Entomosporium mespili*), apply 3 L per hectare in a water volume (for example, 1,000 L/ha) sufficient to ensure thorough wetting - to the point where the solution drips from the plants.

Maximum one application per year.

TIMING: A single application should be made between flower bud break and the white tip stage. Do not apply later than 60 days before harvest.

PEACHES, CHERRIES, PLUMS, PRUNES:

For control of the blossom blight stage of brown rot (*Monilinia fructicola*), mix 750 mL of FUNGINEX DC Fungicide per 1,000 L of water. DO NOT exceed 2.5 L of FUNGINEX DC per hectare. Make 2 to 3 applications from early to full bloom stage, depending on the length of the bloom period and conditions favouring brown rot. DO NOT reapply before 5 days. Follow provincial recommendations for appropriate timings. Maximum three applications per year. DO NOT apply later than 60 days before harvest.

APPLE NURSERY STOCK AND NON-BEARING APPLE TREES:

For control of powdery mildew (*Podosphaera leucotricha*), apply 2.5 L FUNGINEX DC Fungicide per hectare by airblast sprayer at tight cluster, pink and petal fall stages. DO NOT reapply before 7 days. May be applied 2 weeks after petal fall (mid-summer) if necessary. Make a maximum of 5 applications per season.

OUTDOOR ROSES AND ORNAMENTALS:

For control of powdery mildew (*Podosphaera pannosa*) and black spot (*Diplocarpon rosae*), mix 1 L per 1,000 L of water. Spray to thoroughly cover all plant surfaces. DO NOT apply more than 1 L of FUNGINEX DC Fungicide (190 g a.i.) per hectare. DO NOT apply more than 3 L of FUNGINEX DC Fungicide /ha (570 g a.i./ha) per season. DO NOT reapply before 5 days. Apply a maximum of 3 applications per year.

DO NOT use in greenhouses.

The maximum number of applications per year allowed on roses and ornamentals is 3.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. DO NOT apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply using aerial application equipment.

NOTE: Do not let spray mixture stand in the tank overnight.

Buffer zones:

Spot treatments using hand-held equipment do not require a buffer zone.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands).

Buffer Zones Required:

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:		
			Freshwater Habitat of Depths:		Terrestrial Habitat:
			Less than 1 m	Greater than 1 m	
Field sprayer	Cranberries, lowbush blueberries		0	0	1
Airblast	Saskatoon berries	Early or late growth stage	0	0	1
	Highbush blueberries	Early or late growth stage	0	0	2
	Peaches, cherries, plums, prunes	Early growth stage	0	0	2
		Late growth stage	0	0	1
	Apple nursery stocks and non-	Early growth stage	0	0	2
Late growth stage		0	0	2	

	bearing apple trees				
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For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

ENVIRONMENTAL PRECAUTIONS:

TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

To minimize surface water contamination when used on cranberries, all effluent water must be impounded and released only when levels of the active ingredient are <1100 µg a.i./L.

The use of the chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or the depth to the water table is shallow.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that FUNGINEX DC Fungicide contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to FUNGINEX DC Fungicide and other Group 3 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 FUNGINEX DC Fungicide or other Group 3 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides 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.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify the manufacturer if reduced sensitivity of the pathogen to FUNGINEX DC is suspected.
- 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 Landis International, Inc. c/o Idealogic AFS Inc. at 1-229-247-6472.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed. Severe irritant to eyes. DO NOT get in eyes. Causes skin irritation and DO NOT get on skin. Avoid inhalation of spray mist. Wash thoroughly with soap and water after using and before eating or smoking.

For ground applications, wear chemical-resistant coveralls over long-sleeve shirt and long pants, chemical-resistant gloves and goggles during mixing, loading, application, clean up and repair. Gloves are not required during application within a closed cab.

For airblast applications, wear chemical-resistant coveralls over long-sleeve shirt and long pants, chemical-resistant gloves and goggles during mixing, loading, application, clean up and repair. In addition, wear chemical-resistant headgear during open cab airblast application. Chemical-resistant headgear includes sou'wester hat, chemical-resistant rain hat or large brimmed waterproof hat and hood with sufficient neck protection. Gloves are not required during application within a closed cab.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

DO NOT enter or allow worker entry into treated areas during the restricted entry intervals (REIs) specified in the following table:

Restricted-entry intervals required

Crop	Re-entry activities	Restricted-entry intervals
Apple nursery stock and non-bearing apple tree	All activities	12 hours
Highbush blueberries	Irrigation (hand set)	6 days
	All other activities	12 hours
Lowbush blueberries	Irrigation (hand set)	6 days

	Scouting	1 day
	All activities	12 hours
Cherries, peaches, plums/prunes	All activities	12 hours
Cranberries	Scouting	2 days
	All other activities	12 hours
Saskatoon berries	All activities	12 hours
Roses and ornamentals	All activities	12 hours

Avoid contamination of food and feed and domestic or irrigation water supplies, lakes, streams and ponds.

DO NOT apply using aerial application equipment

FIRST AID

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 on skin or clothing: 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 further treatment advice.

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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE

1. Store above 5° Celsius.
2. Store in original, tightly closed container.
3. Do not ship or store near food, feed, seed and fertilizers.
4. Store in cool, dry, locked, well-ventilated area without floor drain.

DISPOSAL

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial

regulatory agency in case of a spill, and for clean-up of spills.

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.