

2020-1059
2020-06-12

GROUP

2

FUNGICIDE

ID FUNGICIDE

SUSPENSION

FOR SEED-PIECE TREATMENT ON POTATOES

COMMERCIAL

ACTIVE INGREDIENT: IPRADIONE.....240g/L

Contains 1,2-Benzisothiazolin-3-one at 0.014 % as a preservative.

REGISTRATION NO. 29866
PEST CONTROL PRODUCTS ACT



CAUTION

POISON

WARNING: SKIN AND EYE IRRITANT

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

FMC of Canada Limited
6755 Mississauga Road, Suite 204
Mississauga, ON L5N 7Y2
1-833-362-7722

NET CONTENTS: 1 L - 200 L

LABEL

IN CASE OF EMERGENCY, CALL 1-800-331-3148 (24 HOURS)

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 PRODUCT:

ID Fungicide is a systemic fungicide for use on potato seed pieces to control seed borne Rhizoctonia stem and stolon canker (*Rhizoctonia solani*), and suppression of silver scurf (*Helminthosporium solani*). For control of *Fusarium* seed piece decay and improved control of silver scurf, follow application of ID Fungicide with a sequential treatment of a registered potato seed piece treatment containing mancozeb. ID Fungicide does not control bacterial diseases that may be present within the seed.

GENERAL DIRECTIONS FOR USE:

As this pesticide is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

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

To protect pollinators, follow the instructions regarding bees in the Environmental Hazards section.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin and eyes. Harmful if inhaled. Avoid inhaling/breathing dusts, sprays or mists.

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

During mixing, loading, and application, wear:

- Long-sleeved shirt and long pants, chemical-resistant gloves and boots plus socks.

When handling treated seed and/or riding at the back of the planter to monitor planting, workers must wear:

- Coveralls over long-sleeved shirt and long pants, chemical resistant gloves, boots and socks.

DO NOT plant more than 60,400 kg of treated seed per day.

Only for use on potato seed pieces to be grown for processing and table potatoes. DO NOT

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treat potato seed pieces grown for seed.

ADDITIONAL PRECAUTIONS FOR USE AS A POTATO SEED-PIECE TREATMENT:

Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist. Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

FIRST AID:

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. 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 to 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.

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.

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

TOXICOLOGICAL INFORMATION: Contains petroleum distillates – vomiting may cause aspiration pneumonia. Treat symptomatically.

ENVIRONMENTAL HAZARDS:

Treated seed is toxic to birds and small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

TOXIC to birds.

TOXIC to bees. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to the early morning or the evening when most bees are not foraging. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance “Protecting Pollinators during Pesticide Spraying – Best Management Practices” on the Health Canada website (<https://www.canada.ca/en/health-canada/services/consumer-product-safety/pesticides-pest-management/growers-commercial-users/pollinator-protection.html>).

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To reduce runoff from treated areas into aquatic habitats avoid application to areas with a 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.

The use of this 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.

STORAGE CONDITIONS:

Protect from frost. To prevent contamination, store this product away from food or feed.

DISPOSAL:

Recyclable Container 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.

Disposal of Unused, Unwanted Product:

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 cleanup of spills.

USE RESTRICTIONS:

- Do not store ID Fungicide near feed or foodstuffs. Thoroughly clean application equipment after use. Do not contaminate domestic or irrigation waters.
- This product should not be applied under conditions where run-off is likely to occur.
- Do not apply using handheld mist blowers and handheld fogging equipment.
- A minimum rotational crop plant back interval (PBI) of 30 days is required for all crops except root vegetables (crop group 1) and leafy brassica greens (crop group 5b). The PBI requirement for crop group 1 and 5b is 12 months.

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GENERAL INFORMATION

SECTION 1: NOTICE

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.

SECTION 2: THE PRODUCT

ID Fungicide is a systemic fungicide for use on potato seed pieces to control seed borne *Rhizoctonia* stem and stolon canker (*Rhizoctonia solani*), and suppression of silver scurf (*Helminthosporium solani*). For control of *Fusarium* seed piece decay and improved control of silver scurf, follow application of ID Fungicide with a sequential treatment of a registered potato seed piece treatment containing mancozeb. ID Fungicide does not control bacterial diseases that may be present within the seed.

GENERAL DIRECTIONS FOR USE:

As this pesticide is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

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

To protect pollinators, follow the instructions regarding bees in the Environmental Hazards section.

SAFETY AND HANDLING

SECTION 3: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin and eyes. Harmful if inhaled. Avoid inhaling/breathing dusts, sprays or mists.

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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

During mixing, loading, and application, wear:

- Long-sleeved shirt and long pants, chemical resistant gloves and boots plus socks.

When handling treated seed and/or riding at the back of the planter to monitor planting, workers

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- Coveralls over long-sleeved shirt and long pants, chemical resistant gloves and shoes boots and

DO NOT plant more than 60,400 kg of treated seed per day.

Only for use on potato seed pieces to be grown for processing and table potatoes. DO NOT treat potato seed pieces grown for seed.

ADDITIONAL PRECAUTIONS FOR USE AS A POTATO SEED-PIECE TREATMENT:
Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist. Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

SECTION 4: FIRST AID AND TOXICOLOGICAL INFORMATION

FIRST AID:

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. 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 to 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.

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.

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

TOXICOLOGICAL INFORMATION: Contains petroleum distillates – vomiting may cause aspiration pneumonia. Treat symptomatically.

SECTION 5: ENVIRONMENTAL HAZARDS

Treated seed is toxic to birds and small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

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To reduce runoff from treated areas into aquatic habitats avoid application to areas with a 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.

The use of this 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.

SECTION 6: STORAGE

STORAGE CONDITIONS: Protect from frost. To prevent contamination, store this product away from food or feed.

SECTION 7: DISPOSAL

Recyclable Container 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.

Disposal of Unused, Unwanted Product:

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 cleanup of spills.

DIRECTIONS FOR USE

SECTION 8: APPLICATION INFORMATION AND PRECAUTIONS
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SEED-PIECE TREATMENT ON POTATOES - GENERAL INFORMATION:

ID Fungicide is a systemic fungicide for use on potato seed pieces to control seed borne *Rhizoctonia* stem and stolon canker (*Rhizoctonia solani*), and suppression of silver scurf (*Helminthosporium solani*). For control of *Fusarium* seed piece decay and improved control of silver scurf, follow application of ID Fungicide with a sequential treatment of a registered potato seed piece treatment containing mancozeb. ID Fungicide does not control bacterial diseases that may be present within the seed.

NOTE: Treatment of mechanically damaged, poor quality or low vigour seed may result in reduced germination, vigour and/or resultant yield. Due to seed quality and storage conditions beyond the control of FMC Corporation no claims are made with regard to germination of potato seed pieces after treatment with ID Fungicide.

SECTION 9: CROP, DISEASE, RATE, TIMING

RECOMMENDED APPLICATIONS			
CROP	PEST	DOSAGE	REMARKS
Potato	Control of seed borne Rhizoctonia stem and stolon canker (<i>Rhizoctonia solani</i>) and suppression of silver scurf (<i>Helminthosporium solani</i>)	SEED PIECE TREATMENT: 42 mL of ID Fungicide per 100 kg seed pieces	<p>For optimal control, good coverage of the seed piece is required.</p> <p>DO NOT exceed 150 ml of solution per 100 kg of seed.</p> <p>Apply specified dosage as a diluted spray onto seed-pieces using a shielded spray system that is well contained and will prevent the loss of any liquid.</p> <p>Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist or dust.</p> <p>Do not use treated seed pieces for food, feed, or fodder.</p> <p>DO NOT apply ID fungicide as a tank-mix or sequentially on the potato seed with any imidacloprid seed-piece treatment, including Admire or Alias.</p> <p>SEQUENTIAL TREATMENT:</p> <p>A seed piece treatment containing mancozeb as its only active ingredient applied immediately following ID Fungicide (including tank mixes) at a rate of 80 g a.i. per 100 Kg will provide control of Fusarium seed piece decay and improved control of silver scurf. Follow all use directions and precautions on the mancozeb product label.</p>

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Tank mixes with Insecticides:

ID Fungicide may be tank mixed with Titan ST Insecticide. Do not tank mix ID Fungicide with any other pest control product, unless specifically permitted on this label.

RECOMMENDED APPLICATIONS			
CROP	PRODUCT	DOSAGE	REMARKS
Potato	ID Fungicide + Titan ST Insecticide:	Seed Piece Treatment: 42 mL ID Fungicide/100 kg seed pieces + label rate of Titan ST Insecticide for potatoes (see Titan ST Insecticide label)	Apply Titan ST Insecticide as a tank mix with ID Fungicide in the seed piece treatment equipment for the added control or suppression of labelled insect pests. Follow all use directions and precautions as per the Titan ST Insecticide label.

SECTION 10: USE RESTRICTIONS:

- Do not store ID Fungicide near feed or foodstuffs. Thoroughly clean application equipment after use. Do not contaminate domestic or irrigation waters.
- This product should not be applied under conditions where run-off is likely to occur.
- Do not apply using handheld mist blowers and handheld fogging equipment.
- A minimum rotational crop plant back interval (PBI) of 30 days is required for all crops except root vegetables (crop group 1) and leafy brassica greens (crop group 5b). The PBI requirement for crop group 1 and 5b is 12 months.

SECTION 11: RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that ID Fungicide contains a Group 2 fungicide. Any fungal population may contain individuals naturally resistant to ID Fungicide and other Group 2 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.

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Appropriate resistance-management strategies should be followed. To delay fungicide resistance:

- Where possible, rotate the use of ID Fungicide or other 2 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 FMC of Canada Ltd. representatives at 1-833-362-7722.