2013-1929
2014-06-24

EverGol Xtend C

Seed Treatment Fungicide

GROUP	7 11	FUNGICIDES

A Seed Treatment Fungicide for seed and seedling protection against certain seed-borne and soil-borne diseases on labelled crops.

This product does not contain a colourant. All seed treated with this product must be conspicuously coloured at the time of treatment. No open transfer is permitted in commercial seed treatment facilities.

SUSPENSION

AGRICULTURAL

GUARANTEE:	Penflufen	154 g/L
	Trifloxystrobin	154 g/L

Contains 1,2 benzisothiazolin-3-one at 0.02% and 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0009% and 2-methyl-4-isothiazolin-3-one at 0.0003% as preservatives.

REGISTRATION NO. 31404 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

PROTECT FROM FREEZING

NET CONTENTS: 0.946L - 1000L

Bayer CropScience Inc.
Suite 200, 160 Quarry Park Blvd. SE
Calgary AB T2C 3G3

For product information, call: 1-888-283-6847

In case of spills, poisoning, fire or other emergencies,
call: 1-800-334-7577 (24 hours a day)

EverGol Xtend C is a seed treatment containing the fungicides penflufen and trifloxystrobin. EverGol Xtend C provides protection from seed, seedling and soil-borne diseases caused by *Rhizoctonia solani*, *Fusarium* spp., *Botrytis cinerea* and *Phomopsis longicolla* on labelled crops.

DIRECTIONS FOR USE:
Refer to the attached booklet for specific use directions for each crop and detailed instructions on rates, diseases controlled, application timing and technique.

PRECAUTIONS:

- KEEP OUT OF REACH OF CHILDREN.
- Commercial seed treatment facilities must use closed transfer equipment only including closed mixing, loading, calibrating, and treatment equipment. No open transfer of EverGol Xtend C is permitted in commercial seed treatment facilities.
- Workers must wear long pants, a long-sleeved shirt and chemical-resistant gloves during mixing, loading, treating, clean-up, maintenance of seed treatment equipment, bagging, sewing or stacking of bagged treated seed, or when handling treated seed. In addition, workers must wear a suitable dust mask when bagging or sewing bags of treated seed or when transferring seed to a storage bin.
- Do not apply in a way that this product will contact workers or other persons. Only handlers (mixers, loaders and applicators) wearing personal protective equipment may be in the area where treatment is taking place during application.
- Use good personal hygiene, washing hands and exposed skin with warm water and soap before eating, drinking, or smoking. No food, drink or tobacco should be allowed in areas of chemical storage or use.
- 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 the acceptable residue levels in the U.S., visit CropLife Canada's website at www.croplife.ca.

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 15-20 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: Treat patient symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

ENVIRONMENTAL HAZARDS:
TOXIC to aquatic organisms. DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

Dispose of all excess treated seed. Left over treated seed may be double-sown around the headland or buried away from water sources in accordance with local requirements. DO NOT leave exposed treated seed on soil surface. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

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 is shallow.

STORAGE:
To prevent contamination store this product away from food or feed. Store in a cool, dry area. Do not store in direct sunlight. Do not allow prolonged storage in temperatures that exceed 40°C or go below -10°C.

DISPOSAL:
FOR NON-RETURNABLE CONTAINERS:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

FOR RECYCLABLE CONTAINERS:
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 RETURNABLE CONTAINERS:
Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

FOR REFILLABLE CONTAINERS:
For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

TRIPLE RINSE INSTRUCTIONS (FOR RECYCLABLE AND DISPOSABLE CONTAINERS ONLY): This container should be triple-rinsed prior to its disposal. The rinsate can be added to the seed treatment. Follow these steps for rinsing of containers:

1. Transfer EverGol Xtend C from the container to the seed treating equipment applicator tank.
2. Add 1/3 of the rinse water to the container and agitate the contents.
3. Transfer the rinsate to the applicator tank.
4. Rinse as above 2 more times.
5. Thoroughly mix the EverGol Xtend C and rinse water in the applicator tank prior to use.

   CAUTION: Be sure to adjust the undiluted application rate by the same volume of water added to compensate for the dilution of the product caused by the addition of rinsate.

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 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. The user assumes the risk to persons or property that arises from any such use of this product.

EverGol Xtend C

Seed Treatment Fungicide

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SUSPENSION

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GUARANTEE:	Penflufen	154 g/L
	Trifloxystrobin	154 g/L

Contains 1,2 benzisothiazolin-3-one at 0.02% and 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0009% and 2-methyl-4-isothiazolin-3-one at 0.0003% as preservatives.

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Table of Contents: Section Number

GENERAL INFORMATION	The Product	1
SAFETY AND HANDLING	Precautions, Protective Clothing and Equipment	2
	First Aid and Toxicological Information	3
	Environmental Hazards	4
	Storage	5
	Disposal	6
	Notices	7
DIRECTIONS FOR USE	Pests Controlled	8
	Recommended Uses	9
	Application Cautions	10
	Use Limitations	11
	Resistance Management Recommendations	12

GENERAL INFORMATION

Section 1: The Product

EverGol Xtend C is a seed treatment containing the fungicides penflufen and trifloxystrobin. EverGol Xtend C provides protection from seed, seedling and soil-borne diseases caused by *Rhizoctonia solani*, *Fusarium* spp., *Botrytis cinerea* and *Phomopsis longicolla* on labelled crops.

SAFETY AND HANDLING

Section 2: Precautions, Protective Clothing and Equipment

PRECAUTIONS:

- KEEP OUT OF REACH OF CHILDREN.
- Commercial seed treatment facilities must use closed transfer equipment only including closed mixing, loading, calibrating, and treatment equipment. No open transfer of EverGol Xtend C is permitted in commercial seed treatment facilities.
- Workers must wear long pants, a long-sleeved shirt and chemical-resistant gloves during mixing, loading, treating, clean-up, maintenance of seed treatment equipment, bagging, sewing or stacking of bagged treated seed, or when handling treated seed. In addition, workers must wear a suitable dust mask when bagging or sewing bags of treated seed or when transferring seed to a storage bin.
- Do not apply in a way that this product will contact workers or other persons. Only handlers (mixers, loaders and applicators) wearing personal protective equipment may be in the area where treatment is taking place during application.
- Use good personal hygiene, washing hands and exposed skin with warm water and soap before eating, drinking, or smoking. No food, drink or tobacco should be allowed in areas of chemical storage or use.
- 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 the acceptable residue levels in the U.S., visit CropLife Canada's website at www.croplife.ca.

Section 3: 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 15-20 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.

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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: Treat patient symptomatically. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

Section 4: Environmental Hazards

ENVIRONMENTAL HAZARDS:
TOXIC to aquatic organisms. DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

Dispose of all excess treated seed. Left over treated seed may be double-sown around the headland or buried away from water sources in accordance with local requirements. DO NOT leave exposed treated seed on soil surface. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

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 is shallow.

Section 5: Storage

To prevent contamination store this product away from food or feed. Store in a cool, dry area. Do not store in direct sunlight. Do not allow prolonged storage in temperatures that exceed 40°C or go below -10°C.

Section 6: Disposal

FOR NON-RETURNABLE CONTAINERS:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
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3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

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FOR REFILLABLE CONTAINERS:
For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

TRIPLE RINSE INSTRUCTIONS (FOR RECYCLABLE AND DISPOSABLE CONTAINERS ONLY): This container should be triple-rinsed prior to its disposal. The rinsate can be added to the seed treatment. Follow these steps for rinsing of containers:

1. Transfer EverGol Xtend C from the container to the seed treating equipment applicator tank.
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4. Rinse as above 2 more times.
5. Thoroughly mix the EverGol Xtend C and rinse water in the applicator tank prior to use.

   CAUTION: Be sure to adjust the undiluted application rate by the same volume of water added to compensate for the dilution of the product caused by the addition of rinsate.

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 clean-up of spills.

Section 7: Notices

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

DO NOT apply this product or treated seeds directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.

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

Section 8: Pests Controlled

EverGol Xtend C is a seed treatment containing the fungicides penflufen and trifloxystrobin. EverGol Xtend C provides seed and seedling protection against a wide range of diseases caused by *Rhizoctonia solani*, *Fusarium* spp., *Botrytis cinerea* and *Phomopsis longicolla* on labelled crops.

Section 9: Recommended Uses

EverGol Xtend C is a seed treatment formulation for use in commercial seed treatment operations, and for on-farm treating with conventional seed treating equipment which can accurately meter and apply flowable seed treatment formulations.

This product is recommended to be diluted with water or another suitable liquid just prior to application to ensure uniform coverage on the seed during the application process. Uniform application to seed is necessary to ensure optimum performance. Allow seeds to dry before bagging, storing or seeding.

CROP	PEST	APPLICATION RATE	DIRECTIONS
Beans and Peas including Soybean (Crop Group 6): Soybean, Adzuki Bean, Asparagus Bean, Broad Bean (Succulent or Dry), Catjang Bean, Chinese Longbean, Field Bean, Guar Bean, Jackbean, Kidney Bean, Lablab Bean, Lima Bean (Succulent or Dry), Moth Bean, (Succulent or Dry), Mung Bean, Navy Bean, Pinto Bean, Rice Bean, Runner Bean, Snap Bean, Sword Bean, Tepary Bean, Urd Bean, Wax Bean, Yardlong Bean, Blackeyed Pea (Succulent or Dry), Chickpea, Cowpea (Succulent or Dry), Crowder Pea, Dwarf Pea, Edible-Pod Pea, English Pea, Field Pea, Garden Pea, Green Pea, Pigeon Pea (Succulent or Dry), Snow Pea, Southern Pea (Succulent or Dry), Sugar Snap Pea, Grain Lupin, Sweet Lupin, White Sweet Lupin, Lentil	Seed decay / pre-emergence damping-off and post-emergence damping-off caused by *Rhizoctonia solani* and *Fusarium* spp. Seed decay / pre-emergence damping-off, post-emergence damping-off and seedling blight caused by seed-borne *Botrytis cinerea.* Seed decay / pre-emergence damping-off in soybean caused by seed-borne *Phomopsis longicolla*	Apply 25 mL per 100 kg of seed	EverGol Xtend C is designed for commercial or on-farm treating with conventional seed treating equipment which can accurately control application rates and provide a good distribution of the chemical onto the seed in the mixing chamber. Uniform application to seed is necessary to ensure optimum product performance.
	Suppression of seed-borne Ascochyta blight caused by *Ascochyta* spp.	Apply 25 – 32 mL per 100 kg of seed	
Corn (field, sweet, popcorn)	Seed decay / pre-emergence damping-off and post-emergence damping off caused by *Rhizoctonia solani* Seed decay / pre-emergence damping off caused by *Fusarium* spp.	Apply 16 – 32 mL per 100 kg seed	
Alfalfa	Seed decay / pre-emergence damping-off caused by *Rhizoctonia solani*	Apply 64 mL per 100 kg seed	

TANK-MIXTURES
For control of certain insect pests and/or additional diseases not on the EverGol Xtend C product label, EverGol Xtend C may be combined with certain seed treatment insecticides and fungicides. Refer to the registered label of the tank-mix partner(s) for application rates, precautions and directions for use associated with those products, and follow the most restrictive label precautions and limitations.

CROP	TANK-MIX PARTNERS
Pea (dry and field) Chickpea Lentil	Allegiance FL[1]
Bean (succulent, snap and dry)	Gaucho 480 FL
	Allegiance FL[1]
Soybean	Stress Shield for cereals and soybeans
	Allegiance FL[1]
Corn (field, sweet, popcorn)	Poncho 600 FS
	Allegiance FL
Alfalfa	Allegiance FL

[1] For control of labelled *Pythium* diseases in pea (dry and field), chickpea, lentil, beans (succulent, snap and dry) and soybean, the recommended rate of EverGol Xtend C may be tankmixed with 16 mL of Allegiance FL per 100 kg seed.

Section 10: Application Cautions

COLOURATION OF TREATED SEED: This product contains no pigment and will not colour the treated seed. However, users are responsible for ensuring that the treated seed, when dried and ready for bagging, storage or seeding, has an unnatural colour. Additional colourant must be added to the mixture while treating the seed. Regulations pertaining to colouration of treated seed enforced under the *Seeds Act* must be strictly adhered to when using this product.

SLURRY PREPARATION:
When preparing a slurry of EverGol Xtend C with dilutants such as water or liquid inoculants, additional or continuous agitation or mixing may be necessary to prevent EverGol Xtend C from settling out. Do not store diluted slurry mixtures.

SEED TREATMENT AND INOCULANTS:
Please check with inoculant manufacturers for application and compatibility details prior to use.

Seeds treated with EverGol Xtend C and seed inoculants may not flow through seeding equipment at the same rate as untreated seeds. Recalibrate the seeding equipment prior to planting treated seeds. Mixing EverGol Xtend C with seed inoculants may increase drying time while treating and extend the processing time.

SEED QUALITY:
Lab and field studies have shown that EverGol Xtend C-treated seed can be stored without loss in germination or disease performance. Many large-seed legumes are prone to mechanical damage during seed handling, and a reduction in germination within a seed lot can occur should handling cause seed damage irrespective of seed treatment application. EverGol Xtend C-treated or untreated seed may drop in germination with age and germination drops are accelerated under adverse storage conditions or in seed with a high level of mechanical damage. Use handling equipment designed to minimize mechanical damage when moving seed. Due to seed quality and seed storage conditions beyond the control of Bayer CropScience, no claims are made to guarantee the germination of carry-over seed or propagating materials for all crop seed. Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigour and poor quality, may result in reduced germination and/or reduction of seed and seedling vigour. Treat a small quantity of seed using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment.

Section 11: Use Limitations

USE RESTRICTIONS:

- Treated seed must not be used for food, feed or oil processing.
- Do not apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches, and wetlands), estuaries, or marine habitats.
- Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

LABELLING TREATED SEED:
All bags containing treated seed must be labelled or tagged as follows: “This seed has been treated with EverGol Xtend C, which contains penflufen and trifloxystrobin. Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed. DO NOT use for feed, food or oil processing. Store away from feeds and other foodstuffs.”

ROTATIONAL CROPS:
Registered crops for EverGol Xtend C, as well as canola, mustard, rapeseed and cereal grains, may be replanted at any time. For all other crops, do not plant-back within 30 days of seeding with EverGol Xtend C-treated seed.

Section 12: Resistance Management Recommendations

For resistance management, please note that EverGol Xtend C contains a Group 7 and 11 fungicide. Any fungal population may contain individuals naturally resistant to EverGol Xtend C and other Group 7 and 11 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 EverGol Xtend C or other Group 7 and 11 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.
- Monitor treated fungal populations for resistance development.
- 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 or to report suspected resistance contact Bayer CropScience at 1-888-283-6847 or at www.bayercropscience.ca.