

GROUP	12	FUNGICIDE
-------	-----------	-----------

PROSEED™ SEED TREATMENT

AGRICULTURAL

SOLUTION

FUNGICIDE

FOR TREATMENT OF CEREAL GRAINS BY COMMERCIAL SEED TREATERS ONLY.

A seed treatment for the control of listed fungus diseases of cereal grains.

GUARANTEE:

Fludioxonil.....40.3%

Contains 1,2-benziothiazolin-3-one at 0.012 % as a preservative.

READ THE LABEL AND PAMPHLET BEFORE USING

REGISTRATION NO: **29814**
PEST CONTROL PRODUCTS ACT

For use by commercial seed treaters only. **All seed treated with this product must be conspicuously coloured at the time of treatment.**

This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product. A red colourant must be added when this product is applied to grain.

Syngenta Crop Protection Canada, Inc.
140 Research Lane, Research Park
Guelph, ON N1G 4Z3
Telephone: 1-877-964-3682

PAMPHLET

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.

FIRST AID

IF POISONING IS SUSPECTED, IMMEDIATELY contact a physician or a poison control centre. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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 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 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 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.

TOXICOLOGICAL INFORMATION

NOTE TO PHYSICIAN: There is no specific antidote for this product if ingested. If a large amount has been ingested and emesis is inadequate, lavage stomach. Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. May be harmful if swallowed. Avoid inhalation of vapour, spray mist or treated seed dust. Wash hands and face after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Treated seed must not be used for food, feed or oil processing. Do not use in hopper-box, planter-box, slurry-box or other non-commercial seed treatment applications at, or immediately before, planting. Treat seed in a well-ventilated area. When handling PROSEED™ Seed Treatment, contaminated equipment or seed treated with PROSEED Seed Treatment, wear long-sleeved coveralls over normal work clothing and chemical-resistant gloves. In addition, when bagging or sewing bags of seed treated with PROSEED Seed Treatment, wear a dust mask. This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present. In cleaning of equipment or disposing of wastes, do not contaminate water used for human or animal consumption or by wildlife and aquatic life or for irrigation purposes.

Label the bags containing treated seed with the following information: ***“This seed has been treated with fludioxonil fungicide (or fludioxonil and metalaxyl-M fungicide if appropriate). Do not use for food, feed or oil purposes. Store away from feed and foodstuffs. Do not graze treated crops, or cut for forage, within 30 days of planting.”***

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.

DECONTAMINATION AND DISPOSAL

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.

CONTAINER DISPOSAL:

For returnable container:

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 container:

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.

For recyclable container:

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 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.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633 (FASTMED)***

GENERAL INFORMATION

PROSEED Seed Treatment is a seed treatment fungicide which controls seed-borne and soil-borne diseases caused by *Fusarium* spp. (including seedling diseases due to *F. graminearum*) and *Rhizoctonia* spp. on listed crops. Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures

are expected.

PROSEED Seed Treatment will not control diseases caused by *Pythium* spp. or *Phytophthora* spp. If these diseases are expected to be a problem, PROSEED Seed Treatment may be mixed with APRON XL[®] LS FUNGICIDE, provided APRON XL LS FUNGICIDE is registered on that crop. Consult each label for registered use rates and follow all label use instructions for each of the products.

Follow the label directions for each product for the most restrictive label precautions and limitations. This product cannot be mixed with any product containing a label prohibition against such mixing.

Note: Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigour and poor quality, except for the purpose of curative control of existing disease pests, 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 the seed before committing the total seed lot to a selected seed treatment. Due to seed quality and seed storage conditions beyond the control of Syngenta Crop Protection Canada, Inc., no claims are made to guarantee the germination of carry-over treated seed.

DIRECTIONS FOR USE

MIXING INSTRUCTIONS:

Shake or mix well before using.

Apply PROSEED Seed Treatment as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the recommended amount of PROSEED Seed Treatment into the required amount of water for the slurry treater and dilution rate to be used. Follow the manufacturer's application instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment. Allow the seed to dry before bagging.

Seed treated with PROSEED Seed Treatment or a combination of PROSEED Seed Treatment and APRON XL LS FUNGICIDE may not flow through a seed drill at the same rate as untreated seed. Recalibrate the seed drill before planting treated seed.

Ideal storage temperature is above freezing and below 30 °C.

This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product. A red colourant must be added when this product is applied to grain.

USE RATES FOR ALL CROPS:

For treatment of SEEDS only. Not for treating propagating root or tuber material.

For control of seed-borne and soil-borne fungi which cause Seed Decay, Damping-Off and Seedling Blights, apply the following rates of PROSEED Seed Treatment per 100 kg of seed of the following crops listed.

For control of *Pythium* spp., apply APRON XL LS FUNGICIDE following rates and directions on the label in a mixture with PROSEED Seed Treatment. Follow all appropriate directions, precautions, etc. on the registered APRON XL LS FUNGICIDE label text.

Crops	Use Rate per 100kg seed
CEREAL GRAINS (INCLUDES FORAGE AND SILAGE)	
Corn (field corn and popcorn), Sweet Corn, Grain Sorghum, Barley, Buckwheat, Millet (pearl and proso), Oats, Rye, Triticale, Wild Rice, and Wheat	5.2 – 10.4 mL

SEED TREATMENT - EXPORT USE

FOR TREATMENT OF SEED FOR EXPORT TO COUNTRIES REQUIRING TREATMENT WITH PROSEED SEED TREATMENT AND APRON XL LS BEFORE IMPORTATION. User should verify actual registered rate in country of destination and/or use.

Seed treated in accordance with the export use pattern must be labeled as follows: "TREATED SEED: FOR EXPORT - NOT FOR DOMESTIC SALE OR USE."

Resistance Management Recommendations

For resistance management, note that PROSEED Seed Treatment contains a Group 12 fungicide. Any fungal population may contain individuals naturally resistant to PROSEED Seed Treatment and other Group 12 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 PROSEED Seed Treatment or other Group 12 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.

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 or to report suspected resistance, contact Syngenta company representatives at 1-87-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

APRON XL[®] and PROSEED[™] are trademarks of a Syngenta Group Company.