

2019-5237
2020-12-22

Acceleron® NemaStrike™ ST

With NemaStrike™ Technology

Suspension Concentrate

Commercial

Seed treatment to suppress listed nematodes on field corn and soybean

KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING

REGISTRATION NO. 32775 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT: Tioxazafen 537 g/L
Contains 0.037% 1,2-Benzisothiazolin-3-one as a preservative

For use with closed transfer commercial seed treaters (facilities and mobile treaters). Closed transfer includes closed mixing, loading, calibrating and closed treatment equipment.

Net contents: 50 litres to bulk

BAYER CROPSCIENCE INC.
Suite 200, 160 Quarry Park Blvd SE
Calgary, AB T2C
1-888-283-6847
www.cropscience.bayer.com

SECTION 1: 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

Acceleron® NemaStrike™ ST is a suspension concentrate formulation for use as a seed treatment.

SECTION 3: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE)

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes or boots during mixing, loading and application. In addition, wear chemical-resistant coveralls during clean-up, maintenance and repair.

During bagging, sewing, stacking or other activities not involving direct contact with treated seed, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes or boots.

Wear a long-sleeved work jacket over a long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes or boots during planting activities.

For use with closed transfer commercial seed treaters (facilities and mobile treaters). Closed transfer includes closed mixing, loading, calibrating and closed treatment equipment.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

SECTION 4: FIRST AID AND TOXICOLOGICAL INFORMATION

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. For emergency medical treatment information, may also contact **1-800-334-7577**, collect day or night.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

SECTION 5: ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms. 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.

SECTION 6: STORAGE AND DISPOSAL

STORAGE

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

DISPOSAL

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 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.

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).

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 information on the disposal of unused, unwanted product, contact the manufacturer and the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for the clean-up of spills.

DIRECTIONS FOR USE

Read the entire label before using this product.

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

When applied as directed, Acceleron® NemaStrike™ ST will suppress the nematodes listed below.

SECTION 7: CROPS AND PESTS

Application Rates

Crop	Nematodes Suppressed	Application Rate (mL/1000 seeds)	Rate (mg a.i./seed)	Rate (g a.i./ha)*
Field Corn	Root knot nematode (<i>Meloidogyne</i> spp.), Cyst nematode (<i>Heterodera zeae</i>), Dagger nematode (<i>Xiphinema</i> spp.), Root lesion nematode (<i>Pratylenchus</i> spp.), Pin nematode (<i>Paratylenchus</i> spp.), Spiral nematode (<i>Helicotylenchus</i> spp.), Stunt nematode (<i>Tylenchorhynchus dubius</i>)	0.875	0.5	44.5
Soybean	Soybean cyst nematode (<i>Heterodera glycines</i>), Root lesion nematode (<i>Pratylenchus</i> spp.), Root knot nematode (<i>Meloidogyne</i> spp.)	0.438	0.25	125

Rate (g a.i./ha)*- based on planting density of each crop (seeds/ha): Soybeans – 500 000 seeds/ha/year (maximum); Field Corn – 89 000 seeds/ha/year (maximum)

SECTION 8: APPLICATION INSTRUCTIONS AND USE LIMITATIONS

Apply Acceleron® NemaStrike™ ST as a water-based slurry either alone or with registered seed treatments using standard slurry or mist-type seed treatment application equipment.

Acceleron® NemaStrike™ ST may be used in combination with other registered Acceleron Seed Applied Solutions products for crops which they are labelled. Pre-test for compatibility with other seed treatment products. Follow the most restrictive of the labeling limitations and precautions of all products used in mixtures.

Uniform application of seed is necessary to ensure seed safety and protection against soil-inhabiting nematodes. Dilute with a sufficient amount of water to achieve uniform application to seed which is necessary to ensure seed safety and nematode suppression. Use high quality, properly cleaned seed.

All seed treated with this product must be colored with a dye or colorant that imparts an unnatural color to the seed to prevent the inadvertent use of treated seed for food, feed or oil purposes.

Seed Labeling

Treated seed for sale or use in Canada must be labeled or tagged as follows:

- This seed has been treated with Acceleron® NemaStrike™ ST, containing tioxazafen. 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.
- Do not use for feed, food or oil processing. Store away from feeds and other foodstuffs
- A closed-cab tractor is required when planting treated seed.
- Wear a long-sleeved work jacket over a long-sleeved shirt and long pants, chemical-resistant gloves, socks and shoes or boots when planting (including loading, sowing, maintenance and clean-up). Chemical-resistant gloves are not required inside the closed-cab planting equipment.
- Store treated seed away from food and feed, and do not allow access by children, pets, or livestock. Do not reuse empty seed bags.
- Surplus treated seed or empty seed containers should be stored or disposed according to local requirements.
- Do not contaminate bodies of water when disposing of excess treated seed or wash waters of planting equipment.
- Exposed treated seeds may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Treated seeds must be planted at a minimum depth of 2.54cm
- Planting density of each crop (seeds/ha): Soybeans – 500 000 seeds/ha/year (maximum); Field Corn – 89 000 seeds/ha/year (maximum)

CROP ROTATION

Crops listed on this label may be replanted at any time. For all other crops, a 30 day plant-back interval must be observed.

SECTION 9: MIXING INSTRUCTIONS

Add approximately 1/2 to 2/3 of the required water to the treatment slurry tank followed by the accompanying seed treatment products and Acceleron® NemaStrike™ ST. The order of product addition is dependent on the accompanying seed treatment products and application equipment used. Allow each slurry component to disperse completely prior to the next addition until a uniform suspension is obtained. After all slurry components have been added and dispersed completely add the remaining 1/2 to 1/3 of required water for proper slurry volume and mix until uniform. Maintain adequate agitation until treatment slurry is applied.

Acceleron® and NemaStrike™ are registered trademarks of Bayer
©2020 Bayer Group. All rights reserved.