

GROUP	4	INSECTICIDE
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CRUISER® 350FS Seed Treatment

SUSPENSION

INSECTICIDE

AGRICULTURAL

A seed treatment insecticide for control of certain insect pests in wheat, barley, corn, rye, triticale, buckwheat, millet, sorghum, soybeans and dry edible beans

GUARANTEE:

Thiamethoxam 29.9%

Contains 1,2-benzisothiazolin-3-one at 0.05% as a preservative.

**READ THE LABEL BEFORE USING
KEEP OUT OF THE REACH OF CHILDREN AND PREVENT ACCESS BY UNAUTHORIZED
PERSONNEL**

CAUTION



POISON

**CAUTION SKIN IRRITANT
POTENTIAL SKIN SENSITIZER**

REGISTRATION NUMBER: **27986**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **20 L to Bulk**

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

For use in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only. No open transfer of CRUISER® 350FS Seed Treatment Insecticide. All seed treated with this product must be conspicuously coloured at the time of treatment.

Label

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, holding eyelids apart in order to rinse the entire surface of the eye and lids. 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. 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 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

Safety Precautions:

1. KEEP OUT OF THE REACH OF CHILDREN and DOMESTIC ANIMALS. PREVENT ACCESS BY UNAUTHORIZED PERSONNEL and DOMESTIC ANIMALS.
2. Harmful if swallowed, inhaled or absorbed through skin. DO NOT get in eyes. Avoid prolonged contact with skin. Avoid inhalation of vapours, spray mist or treated seed dust. Wash hands and face after handling and before eating, drinking, smoking or using the toilet. Wash protective clothing prior to reuse.
3. Avoid contamination of feed and foodstuffs.
4. Recommended Personal Protective Equipment for Commercial Seed Treatment Settings:
Treat seed in a well-ventilated area. All workers (treater, cleaner, repair, maintenance,

bagger, sewer, stacker, forklift operator and others) must wear: coveralls over long sleeve shirt, long pants and chemical-resistant gloves. For good hygiene practice, it is also recommended to wear a NIOSH/MSHA approved dust mask during all job activities.

Environmental Hazards:

1. Thiamethoxam is toxic to bees. Bees can be exposed to product residues in flowers, leaves, pollen and/or nectar resulting from seed treatment applications. Dust generated during planting of treated seed may be harmful to bees and other pollinators.
2. To help minimize the dust generated during planting, refer to the “Pollinator Protection and Responsible Use of Treated Seed - Best Management Practices” on the Health Canada webpage on pollinator protection at www.healthcanada.gc.ca/pollinators.
3. When using a seed flow lubricant with this treated seed, only a dust reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn or soybean seed treated with this insecticide. Carefully follow use directions for the seed flow lubricant.
4. Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.
5. When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.
6. This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present.
7. Treated seed is TOXIC to birds and small wild mammals.
8. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil or other surfaces.

NOTE: In case of accident, take the product label to the emergency facility or physician.

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.

USE RESTRICTIONS

1. Treated seed must not be used for food, feed or oil processing.
2. Store away from food and feed.
3. For seed treated with CRUISER 350FS Seed Treatment Insecticide, do not graze or feed livestock on treated areas for 45 days after planting.
4. All bags containing treated seed for sale or use in Canada must be labeled or tagged as follows: **“These seeds have been treated with a Thiamethoxam insecticide. Wear long-sleeved shirt, long pants, and chemical-resistant gloves when handling treated seeds. Do not graze or feed livestock on seeded area for 45 days after planting. Do not use for food, feed or oil processing. Store away from food and feed.”**
5. Additionally, all treated corn and soybean seed for sale or use in Canada must be labeled with the following information: **Thiamethoxam is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators. To help minimize the dust generated during planting, refer to the “Pollinator Protection and Responsible Use of Treated Seed - Best Management Practices” on the Health Canada webpage on pollinator protection at**

www.healthcanada.gc.ca/pollinators. When using a seed flow lubricant with this treated seed, only a dust reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn or soybean seed treated with this insecticide.

Carefully follow use directions for the seed flow lubricant. Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds. When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

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 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 reuse this container for any other purpose.

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

CRUISER® is a trademark of a Syngenta Group Company.

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Pamphlet

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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 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.

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PRECAUTIONS

Safety Precautions:

1. KEEP OUT OF THE REACH OF CHILDREN and DOMESTIC ANIMALS. PREVENT ACCESS BY UNAUTHORIZED PERSONNEL and DOMESTIC ANIMALS.
2. Harmful if swallowed, inhaled or absorbed through skin. DO NOT get in eyes. Avoid prolonged contact with skin. Avoid inhalation of vapours, spray mist or treated seed dust. Wash hands and face after handling and before eating, drinking, smoking or using the toilet. Wash protective clothing prior to reuse.
3. Avoid contamination of feed and foodstuffs.
4. Recommended Personal Protective Equipment for Commercial Seed Treatment Settings:
Treat seed in a well-ventilated area. All workers (treater, cleaner, repair, maintenance,

bagger, sewer, stacker, forklift operator and others) must wear: coveralls over long sleeve shirt, long pants and chemical-resistant gloves. For good hygiene practice, it is also recommended to wear a NIOSH/MSHA approved dust mask during all job activities.

Environmental Hazards:

1. Thiamethoxam is toxic to bees. Bees can be exposed to product residues in flowers, leaves, pollen and/or nectar resulting from seed treatment applications. Dust generated during planting of treated seed may be harmful to bees and other pollinators.
2. To help minimize the dust generated during planting, refer to the “Pollinator Protection and Responsible Use of Treated Seed - Best Management Practices” on the Health Canada webpage on pollinator protection at www.healthcanada.gc.ca/pollinators.
3. When using a seed flow lubricant with this treated seed, only a dust reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn or soybean seed treated with this insecticide. Only the Fluency Agent by Bayer CropScience is permitted. Carefully follow use directions for the seed flow lubricant.
4. Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.
5. When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.
6. This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present.
7. Treated seed is TOXIC to birds and small wild mammals.
8. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil or other surfaces.

NOTE: In case of accident, take the product label to the emergency facility or physician.

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.

USE RESTRICTIONS

1. Treated seed must not be used for food, feed or oil processing.
2. Store away from food and feed.
3. For seed treated with CRUISER 350FS Seed Treatment Insecticide, do not graze or feed livestock on treated areas for 45 days after planting.
4. All bags containing treated seed for sale or use in Canada must be labeled or tagged as follows: **“These seeds have been treated with a Thiamethoxam insecticide. Wear long-sleeved shirt, long pants, and chemical-resistant gloves when handling treated seeds. Do not graze or feed livestock on seeded area for 45 days after planting. Do not use for food, feed or oil processing. Store away from food and feed.”**
5. Additionally, all treated corn and soybean seed for sale or use in Canada must be labeled with the following information: **Thiamethoxam is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators. To help minimize the dust generated during planting, refer to the “Pollinator Protection and Responsible Use of Treated Seed - Best Management Practices” on the Health Canada webpage on pollinator protection at**

www.healthcanada.gc.ca/pollinators. When using a seed flow lubricant with this treated seed, only a dust reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn or soybean seed treated with this insecticide.

Carefully follow use directions for the seed flow lubricant. Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds. When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

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 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 reuse this container for any other purpose.

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

GENERAL INFORMATION

CRUISER 350FS Seed Treatment Insecticide belongs to the neonicotinoid class of chemistry that controls listed chewing and sucking insects through contact and systemic activity. Thorough seed coverage will offer the best protection of the seed from insect damage. When rate ranges are given, use the higher rate when insect pressure is expected to be high.

When seed is treated for post-planting protection against registered pests, CRUISER 350FS Seed Treatment Insecticide will also provide protection during post-treatment storage of the seed against damage from many storage insect pests. Seed treated with CRUISER 350FS Seed Treatment Insecticide has been tested and found to be effective against rusty grain beetle, saw-toothed grain beetle, red flour beetle, rice weevil, lesser grain borer, European corn borer and Indian meal moth.

For additional control of certain seed and soil borne pathogens, CRUISER 350FS Seed Treatment Insecticide may be combined with the following seed treatment fungicides:

- Wheat & Barley: CRUISER 350FS Seed Treatment Insecticide may be mixed with DIVIDEND[®] XL[®] (or DIVIDEND XL RTA[®]) in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only.
- Corn: CRUISER 350FS Seed Treatment Insecticide may be mixed with MAXIM[®] XL (or MAXIM 480FS + APRON XL[®] LS) in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only.
- Dry Edible beans: CRUISER 350FS Seed Treatment Insecticide may be mixed with APRON MAXX[®] RTA or APRON MAXX RFC (or MAXIM 480FS + APRON XL LS) in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only.
- Soybeans: CRUISER 350FS Seed Treatment Insecticide may be mixed with APRON MAXX RTA or APRON MAXX RFC (or MAXIM 480FS + APRON XL LS) in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only.

When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions, and grazing limitations for each product used in the tank-mix. Follow the more stringent precautionary measures for mixing, loading and applying stated on both product labels.

Note: 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 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 seed or propagating material for all crop seed.

DIRECTIONS FOR USE

As this product 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 wates.

MIXING INSTRUCTIONS (SLURRY APPLICATION):

Ensure product is thoroughly mixed prior to application.

Apply CRUISER 350FS Seed Treatment Insecticide utilizing closed system seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of insect control. Thoroughly mix the recommended amount of CRUISER 350FS Seed Treatment Insecticide into the required amount of seed treatment fungicide carrier 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 seed treatment process. Allow the seed to dry before bagging or storing into bulk containers. Depending on planting equipment, seed treated with CRUISER 350FS Seed Treatment Insecticide may not flow through planting equipment at the same rate as untreated seed. Recalibrate this equipment before planting treated seed.

Ideal storage temperature is above freezing and below 30 °C. Repeated freeze-thawing of CRUISER 350FS Seed Treatment Insecticide will not affect the physical integrity of the product. If the product should freeze, bring the product back to room temperature, then ensure the contents are mixed well prior to application.

This product contains a pigment, which will adequately colour the treated seed. However, users are responsible for ensuring that the treated seed, when dried and ready for bagging, has an unnatural colour. If the pigment contained in the formulation does not colour the seed adequately, additional colourant must be added to the mixture while treating the seed. Follow instructions on the colourant package for mixing. Regulations pertaining to colouration of treated seed enforced under the “Seed Act” must be strictly adhered to when using this product.

USE RATES:

Wheat & Barley:

To provide protection against crop injury caused by Wireworms, apply CRUISER 350FS Seed Treatment Insecticide at 29 - 86 mL / 100 kg of seed. For early season suppression only, treat at 29 mL / 100 kg of seed. For fields with a history of moderate to high wireworm pressure or if control is required, then treat crops at 57 – 86 mL / 100 kg of seed, using the higher rate when infestation pressure is considered to be heavy.

It is recommended that seed with existing populations of storage pests be fumigated prior to treating and storage of that seed.

For added control of certain seed and soil-borne pathogens, CRUISER 350FS Seed Treatment Insecticide may be mixed with DIVIDEND XL RTA in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only. Follow all appropriate directions, precautions, etc. as specified on the fungicide labels.

Corn: (Field Corn, Seed Corn, Popcorn, Sweet Corn)

To provide protection against crop injury caused by Wireworms and European Chafer, apply CRUISER 350FS Seed Treatment Insecticide at 143 mL/100 kg of seed. Do not apply less than 0.125 mg of thiamethoxam per kernel.

To provide protection against crop injury caused by Seed Corn Maggot, apply CRUISER 350FS Seed Treatment Insecticide at 143 – 286 mL / 100 kg seed (or 0.125 – 0.250 mg of thiamethoxam per kernel). Use the higher rate of CRUISER 350FS Seed Treatment Insecticide for fields that have a history of moderate to severe pest pressure. To provide protection against Corn Flea Beetles which vectors Stewart's Wilt disease, apply CRUISER 350FS Seed Treatment Insecticide at 143 – 286 mL / 100 kg seed. Do not apply less than 0.125 mg of thiamethoxam per kernel and do not exceed 0.250 mg of thiamethoxam per kernel.

It is recommended that seed with existing populations of storage pests be fumigated prior to treating and storage of that seed.

For additional control of seed and soil-borne pathogens, apply CRUISER 350FS Seed Treatment Insecticide as a slurry seed treatment with MAXIM XL (or MAXIM 480FS + APRON XL LS) in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only. Follow all appropriate directions, precautions, etc. as specified on fungicide labels.

Soybeans:

To provide protection against crop injury caused by Seed Corn Maggot, apply CRUISER 350FS Seed Treatment Insecticide at 86 – 143 mL / 100 kg of seed. Use the higher rate when insect populations are expected to be high. Apply 143 mL of CRUISER 350FS Seed Treatment Insecticide per 100 kg of soybean seed for early season protection against soybean aphid. To provide protection against crop injury caused by Bean Leaf Beetles, European Chafer and Wireworms, apply CRUISER 350FS Seed Treatment Insecticide at 143 mL / 100 kg of seed.

For additional control of certain seed and soil borne pathogens, CRUISER 350FS Seed Treatment Insecticide may be mixed with APRON MAXX RTA or APRON MAXX RFC (or MAXIM 480FS + APRON XL LS) in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only. Follow all appropriate directions, precautions, etc. as specified on product labels.

Dry Edible Beans:

To provide protection against crop injury caused by Potato Leafhopper and Seed Corn Maggot, apply CRUISER 350FS Seed Treatment Insecticide at 86 – 143 mL / 100 kg of seed. Use the higher rate when insect populations are expected to be high. To provide protection against crop injury caused by Wireworms, apply CRUISER 350FS Seed Treatment Insecticide at 143 mL / 100 kg of seed.

For additional control of certain seed and soil borne pathogens, CRUISER 350FS Seed Treatment Insecticide may be mixed with APRON MAXX RTA or APRON MAXX RFC (or MAXIM 480FS + APRON XL LS) in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipments only. Follow all appropriate directions, precautions, etc. as specified on product labels.

Crop	Insects Controlled ¹	Use Rate / 100 kg seed*		Notes
		mL product	grams a.i.	
Wheat	Wireworms	29**	10**	Do not graze or feed livestock on treated areas for 45 days after planting.
		57 – 86	20 – 30	
Barley	Wireworms	29**	10**	
		57 – 86	20 – 30	
Corn	Wireworms	143	50 or 0.125 mg per kernel	
	European Chafer	143		
	Seed Corn Maggot	143 – 286	50 – 100 or 0.125 –	

Crop	Insects Controlled ¹	Use Rate / 100 kg seed*		Notes
	Flea Beetles which vectors Stewart's Wilt	143 – 286	0.25 mg per kernel	
Soybeans ²	Seed Corn Maggot	86 – 143	30 – 50	
	Bean Leaf Beetles Wireworms European Chafer Soybean Aphid	143	50	
Dry Edible Beans	Potato Leafhopper*** Seed Corn Maggot	86 - 143	30 – 50	
	Wireworms	143	50	

* Use the higher rate when insect populations are expected to be high.

** Use 29 mL / 100 kg of seed for suppression of wireworms; however, if pressure is moderate to high or control is required, then treat crops at 57 – 86 mL / 100 kg of seed.

*** Use the higher rate to replace one (1) application of a foliar insecticide spray.

¹ When seed is treated for post- planting protection against registered pests, CRUISER 350FS Seed Treatment Insecticide will also provide protection during post- treatment storage of the seed against damage from many storage insect pests. Seed treated with CRUISER 350FS Seed Treatment Insecticide has been tested and found to be effective against rusty grain beetle, saw-toothed grain beetle, red flour beetle, rice weevil, lesser grain borer, European corn borer and Indian meal moth.

² Based on 6,660 soybean seeds per kg, 86 – 143 mL of CRUISER 350FS Seed Treatment Insecticide delivers 45 – 75 µg of the active ingredient, thiamethoxam, per soybean seed.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Syngenta Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Syngenta Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Syngenta Canada Inc. harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

Crops	Insects Controlled	Use Rate / 100 kg seed		Notes
		mL product	grams a.i.	
Wheat and	European	86	30	For control of various diseases of cereal

Barley	Chafer			<p>grains. CRUISER 350FS Seed Treatment Insecticide may be tank-mixed with DIVIDEND XL RTA Fungicide as part of a closed system application. Follow all appropriate directions, precautions, etc. as specified on product labels.</p> <p>Do not graze or feed livestock on treated areas for 45 days after planting.</p>
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Crops	Insects Controlled	Use Rate / 100 kg seed		Notes
		mL product	grams a.i.	
Rye, Triticale, Buckwheat, Millet (pearl and proso) and Sorghum	Wireworm (suppression) Wireworm (control)	29* 57-86*	10 20-30	Use the higher control rate when wireworm populations are expected to be high. For control of various diseases in cereal grains, CRUISER 350FS Seed Treatment Insecticide can be tank mixed with DIVIDEND XL RTA Fungicide as part of a closed system application. Follow all appropriate directions, precautions, etc. as specified on product labels Do not graze or feed livestock on seeded area for 45 days after planting. A suitable colourant must be added to the slurry prior to application to the seed. * Use 29 mL CRUISER 350FS Seed Treatment Insecticide + 325-360 mL DIVIDEND XL RTA/100 kg of seed for suppression of wireworms; however, if pressure is moderate to high or control is required, then treat crops at 57-86 mL CRUISER 350FS Seed Treatment Insecticide + 325-360 mL DIVIDEND XL RTA/100 kg of seed.

Resistance Management Recommendations

For resistance management, please note that CRUISER 350FS Seed Treatment Insecticide contains a Group 4 insecticide. Any insect population may contain individuals naturally resistant to CRUISER 350FS Seed Treatment Insecticide and other Group 4 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

Where possible, rotate the use of CRUISER 350FS Seed Treatment Insecticide or other Group 4 insecticides with different groups that control the same pests in a field.

Use tank mixtures with insecticides from a different group when such use is permitted.

Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.

Monitor treated pest populations for resistance development.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

For further information or to report suspected resistance contact Syngenta Canada Inc. at 1-877-SYNGENTA (1-877-964-3682) or www.syngenta.ca.

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