THIAMETHOXAM	GROUP	4A	INSECTICIDE
DIFENOCONAZOLE	GROUP	3	FUNGICIDE
MEFENOXAM	GROUP	4	FUNGICIDE
SEDAXANE	GROUP	7	FUNGICIDE

PULL HERE TO OPEN

Escanee QR
para Español

CruiserMaxx® Vibrance®
Cereals

syngenta®

Insecticide with Fungicides

A seed treatment product for protection against damage from certain insects and diseases of cereals.

Active Ingredient:

Sedaxane (CAS No. 874967-67-6)	0.72%
Difenoconazole (CAS No. 119446-68-3)	3.34%
Mefenoxam (CAS Nos. 70630-17-0 and 69516-34-3)	0.86%
Thiamethoxam (CAS No. 153719-23-4)	2.78%
Other Ingredients:	92.30%
Total:	100.00%

CruiserMaxx Vibrance Cereals is a flowable concentrate for seed treatment containing 0.067 pounds of sedaxane, 0.31 pounds of difenoconazole, 0.079 pounds of mefenoxam, and 0.26 pounds of thiamethoxam per gallon

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1383
EPA Est. 100-NE-001

SCP 13833A-L1D 0726
4258570

2.5 gallons
Net Contents

®

NOTES

FIRST AID	
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 five minutes, then continuing rinsing. • Call a poison control center or doctor for treatment advice.
If swallowed	• Call a poison control center 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 center or doctor. • Do not give anything 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 center 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 mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOTLINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call **1-800-888-8372**	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, Viton™ ≥14 mils
- Protective eyewear: faceshield, goggles, or safety glasses
- Shoes plus socks

User Safety Requirements

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

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.607 (d) and (e)), the handler PPE requirements may be reduced or modified as specified in the WPS.

continued…

PRECAUTIONARY STATEMENTS *(continued)*

User Safety Recommendations

Users should:

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

Environmental Hazards

This product is toxic to fish, shrimp and wildlife and highly toxic to aquatic invertebrates. If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion. Do not contaminate water when disposing of equipment wash water or rinsate.

Pollinator Precautions

Thiamethoxam is highly toxic to bees, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory

Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. Thiamethoxam has properties and characteristics associated with chemicals detected in groundwater. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Use is permitted on-farm and in commercial seed treatment facilities. Do not use for at-plant applications (e.g. hopper box, planter box, etc.). This product is to be applied as a water-based slurry through standard slurry- or mist-type commercial seed treatment equipment.

Treatment of highly mechanically scarred or damaged seed or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and seedling vigor. Treat a quantity of seed using equipment similar to that planned for treating the total seed lot. Prior to treatment, conduct germination tests on a portion of seed before committing the total seed lot to a selected seed treatment.

Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of seed or propagating material for all crop seed when treated with CruiserMaxx Vibrance Cereals.

Maximum usage when applying both metalaxyl- and mefenoxam-containing products to the same crop within the same season: Do not apply more than the maximum seasonal total for metalaxyl or mefenoxam as stated on the product label which allows for the lowest total amount of metalaxyl and mefenoxam on that crop per season.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT AND/OR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

PRODUCT INFORMATION

CruiserMaxx Vibrance Cereals is a seed treatment product containing the active ingredients: thiamethoxam (insecticide) and sedaxane, difenoconazole and mefenoxam (fungicides). CruiserMaxx Vibrance Cereals seed treatment protects against damage from wireworm and European chafer early season insects and also protects against certain seed-borne, soil-borne, and early season foliar diseases of cereal crops.

Thiamethoxam protects against certain chewing and sucking insects through contact and ingestion.

Sedaxane enhances the protections against *Ustilago* spp. and *Rhizoctonia* spp. Difenoconazole provides protection against several seed and seedling diseases of cereals. Mefenoxam provides protection against damping-off caused by *Pythium* spp.

RESISTANCE MANAGEMENT

THIAMETHOXAM	GROUP	4A	INSECTICIDE

Insecticide Resistance Management

For resistance management, note that CruiserMaxx Vibrance Cereals contains a Group 4A/thiamethoxam insecticide. Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by CruiserMaxx Vibrance Cereals or other Group 4A insecticides.

Thiamethoxam is a systemic insecticide belonging to the neonicotinoid class of chemistry which includes nicotinic acetylcholine receptor (nAChR) agonists.

To delay insecticide resistance, take the following steps:

- Rotate the use of CruiserMaxx Vibrance Cereals or other Group 4A insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - o Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - o When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - o The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- 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 at 1-866-796-4368.

Syngenta encourages responsible product stewardship to ensure effective long term control of the insect pests on this label.

For additional information on Insect Resistance Management:

- Visit the Insecticide Resistance Action Committee (IRAC) on the web at: http://www.irac-online.org

DIFENOCONAZOLE	GROUP	3	FUNGICIDE
MEFENOXAM	GROUP	4	FUNGICIDE
SEDAXANE	GROUP	7	FUNGICIDE

Fungicide Resistance Management

For resistance management, please note that CruiserMaxx Vibrance Cereals contains Group 3/difenoconazole, Group 4/mefenoxam and Group 7/sedaxane fungicides. Any fungal population may contain individuals naturally resistant to CruiserMaxx Vibrance Cereals and other Group 3, Group 4 and Group 7 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

Difenoconazole belongs to the triazole class of chemistry and is a demethylation inhibitor of sterol biosynthesis (DMI) which disrupts membrane synthesis of the fungal cell. Mefenoxam belongs to the phenylamide class of chemistry which interferes with fungal RNA synthesis. Sedaxane is a succinate dehydrogenase inhibitor (SDHI) and belongs to the carboxamide class of chemistry which disrupts cellular respiration and energy generation.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of Vibrance Quattro or other Group 3, Group 4, Group 7 or Group 12 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crop and pathogens.
- For further information or to report suspected resistance contact Syngenta at 1-866-Syngent(a) (866-796-4368). You can also contact your pesticide distributor or university extension specialist to report resistance.

Syngenta encourages responsible product stewardship to ensure effective long term control of the fungal diseases on this label.

For additional information on Fungicide Resistance Management:

- Visit the Fungicide Resistance Action Committee (FRAC) on the web at: http://www.frac.info

MIXING INSTRUCTIONS

Important: Always re-circulate CruiserMaxx Vibrance Cereals thoroughly before using.

Follow the manufacturer application instructions for the seed treatment equipment being used.

Apply CruiserMaxx Vibrance Cereals 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 insect or disease control. Thoroughly mix the specified amount of CruiserMaxx Vibrance Cereals into the required amount of water or liquid inoculant for the slurry treater and dilution rate to be used.

Certain crops require addition of inoculants when the seed is treated or planted. CruiserMaxx Vibrance Cereals is compatible with several liquid inoculant products. Consult the manufacturer of the inoculant product and a Syngenta representative for directions before applying CruiserMaxx Vibrance Cereals with inoculants.

The total application volume must be sufficient to provide desired level of coverage. Dilution is typically done with water or liquid inoculants.

Continuous agitation or mixing of the slurry mixture is necessary to prevent settling out of the solution. Clean out any unused product from the treater after treating or maintain constant agitation if the leftover slurry will be maintained overnight.

Required Dye Statement: Seed treated with this product must be visually identifiable from untreated seed by the use of an approved colorant or dye to prevent accidental use of treated seed as food for humans or feed for animals. Refer to 21 CFR, Part 2.25. Any colorant or dye added to treated seed must be cleared for use in accordance with 40 CFR, Part 153.155(c).

Allow seed to dry before bagging.

SEED BAG LABEL REQUIREMENTS

Use of On-Farm Treated Seed (when treated seed are not for sale or distribution)

Treated seed sold or distributed for a use not permitted by the following labeling does not qualify as an exempted treated article under 40 CFR 152.25(a) and is therefore sale or distribution of an unregistered pesticide, pursuant to FIFRA section 12.

- Store treated seed away from food and feedstuffs.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- Treated seed are for planting purposes only. **DO NOT** use for food, feed, or oil purposes. **DO NOT** use treated seed for fuel or ethanol production purposes.
- Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed.
- **DO NOT** plant treated seed by broadcasting to the soil surface. Ensure that all planted seeds are thoroughly incorporated by the planter during planting. Additional incorporation may be required to thoroughly cover exposed seeds.
- Treated seed exposed on the soil surface may be hazardous to wildlife. Cover or collect treated seed spilled during loading and planting (such as in row ends).
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Manage excess treated seed (e.g., spilled, unused, or expired treated seed) by one or more of the following methods:
  - o Collect excess treated seed for reuse for planting.
  - o Bury excess treated seed (only allowed if totaling 1 pound or less) at least 30 feet away from bodies of water at a depth of 6 inches or double the planting depth, whichever is greater.
  - o Dispose of excess treated seed by placing them in a landfill in accordance with applicable laws in your state.
  - o Return excess treated seed to the supplier if permitted by the state.

- **DO NOT** contaminate bodies of water when disposing of equipment wash water.
- **Advisory Dust-Reducing Technique:** The use of seed flow lubricants or polymer coatings may help decrease the amount of dust released during planting. Follow the recommendations of the planter manufacturer regarding the use of seed flow lubricants.

Seed Treatment in Commercial Facilities or Seed Treatment on Farm (when treated seed are to be sold or distributed) – Seed Bag Labeling Requirements

The Federal Seed Act requires that bags containing treated seed shall be labeled with the following statements:

- This seed has been treated with sedaxane, difenoconazole, and mefenoxam fungicides and thiamethoxam insecticide.
- Do not use for food, feed, or oil purposes.

The U.S. Environmental Protection Agency requires that bags containing treated seed shall be labeled with the following statements. Any seed treated with CruiserMaxx Vibrance Cereals that is sold or distributed without these statements or that is sold or distributed for a use not permitted by the following labeling does not qualify as an exempted treated article under 40 CFR 152.25(a) and is therefore sale or distribution of an unregistered pesticide, pursuant to FIFRA section 12(a)(1)(A).

This seed has been treated with CruiserMaxx Vibrance Cereals (EPA Reg No. 100-1726) containing difenoconazole, mefenoxam, sedaxane, and thiamethoxam. Any seed treated with CruiserMaxx Vibrance Cereals that is sold or distributed for a use not permitted by the following labeling does not qualify as an exempted treated article under 40 CFR 152.25(a) and is therefore sale or distribution of an unregistered pesticide, pursuant to FIFRA section 12(a)(1)(A).

- The contents of this bag are for planting purposes only. **DO NOT** use for food, feed, or oil purposes. **DO NOT** use for fuel or ethanol production purposes.
- Pollinator Precaution: Thiamethoxam is highly toxic to bees, and effects are possible as a result of exposure to translocated residues in blooming crops.
- Groundwater Advisory: Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. Thiamethoxam has properties and characteristics associated with chemicals detected in groundwater. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.
- Store treated seed away from food and feedstuffs.
- Wear long-sleeved shirt, long pants and chemical resistant gloves when handling treated seed.
- **DO NOT** plant treated seed by broadcasting to the soil surface. Ensure that all planted seeds are thoroughly incorporated by the planter during planting. Additional incorporation may be required to thoroughly cover exposed seeds.
- Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect treated seed spilled during loading and planting (such as in row ends).
- Do not allow children, pets, or livestock to have access to treated seed.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Manage excess treated seed (e.g., spilled, unused, or expired treated seed) by one or more of the following methods:
  - o Collect excess treated seed for reuse for planting.
  - o Bury excess treated seed (only allowed if totaling 1 pound or less) at least 30 feet away from bodies of water at a depth of 6 inches or double the planting depth, whichever is greater.
  - o Dispose of excess treated seed by placing them in a landfill in accordance with applicable laws in your state.
  - o Return excess treated seed to the supplier if permitted by the state.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging in accordance with local requirements.
- **Advisory Dust-Reducing Technique:** The use of seed flow lubricants or polymer coatings may help decrease the amount of dust released during planting. Follow the recommendations of the planter manufacturer regarding the use of seed flow lubricants.

- In the event of crop failure or harvest of a crop grown from seed treated with CruiserMaxx Vibrance Cereals, crops may be replanted according to the following schedule:

Plantback Interval Table

Immediate Plantback	Minimum 30-Day Plantback Interval
Canola Cereal Grains: Barley, Oat, Rye, Sweet Corn, Triticale, and Wheat Chickpea Cotton Potato Soybean Sugarbeet	Alfalfa *Brassica* (Cole) Leafy Vegetables Crop Group 5 Cereal Grains: Buckwheat, Field Corn, Pearl Millet, Popcorn, Proso Millet, Rice, Sorghum, Teosinte, and Wild Rice Cucurbit Vegetables Crop Group 9 Fruiting Vegetables Crop Group 8 Leafy Vegetables Crop Group 4 Legume Vegetables (Succulent or Dried) Crop Group 6 Mint: Peppermint and Spearmint Oilseeds: Borage, Crambe, Flax Seed, Mustard Seed, and Safflower Onion, Bulb Peanut Root and Tuber Vegetables Crop Group 1 Strawberry Sunflower Tobacco

- For any other crops the minimum plantback interval is 120 days from the date the seeds treated with CruiserMaxx Vibrance Cereals were planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120 day interval; however, the crop may not be grazed or harvested for food or feed.
- Do not make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with CruiserMaxx Vibrance Cereals.
- **For barley:** Do not apply more than 0.052 lb (23.6 g) thiamethoxam per acre per season. **For oats, rye, and triticale:** Do not apply more than 0.04 lb (18.4 g) thiamethoxam per acre per season. **For wheat:** Do not apply more than 0.08 lb (36.3 g) thiamethoxam per acre per season.
- **Maximum usage when applying metalaxyl- and mefenoxam-containing products to the same crop within the same season: DO NOT** apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.
- [All seed bag tags must be legible and set in at least 8-point font size.]

CROP USE DIRECTIONS

Restrictions:

The maximum number of applications per season is 2.

Crop	Insects Protection Against	Use Rate fl oz/ 100 lb
Barley	Wireworms[1] European Chafer[2]	5 -10

Crop	Disease	Use Rate fl oz/ 100 lb
Barley	General Seed Rots[3] Seedling Blight, Root Rot, and Damping-Off caused by seed- and soil-borne *Fusarium* spp. or *Rhizoctonia* spp. Seedling Blight, Root Rot, and Damping-Off caused by soil-borne *Pythium* spp.[8] Seed-borne *Septoria*[4] Covered Smut False Loose Smut True Loose Smut	5 -10

Crop	Diseases Suppressed[5]	Use Rate fl oz/ 100 lb
Barley	Common Root Rot (*Cochliobolus* spp.) *Fusarium* Crown and Foot Rot Take-All	5 -10

Crop	Insects Protection Against	Use Rate fl oz/ 100 lb
Oats	Wireworms[1] European Chafer[2]	5 -10

Crop	Diseases Controlled	Use Rate fl oz/ 100 lb
Oats	General Seed Rots[3] Seedling Blight, Root Rot, and Damping-Off caused by seed- and soil-borne *Fusarium* spp. or *Rhizoctonia* spp. Seedling Blight, Root Rot, and Damping-Off caused by soil-borne *Pythium* spp.[8] Seed-borne *Septoria*[4] Covered Smut Loose Smut	5 -10

Crop	Diseases Suppressed[5]	Use Rate fl oz/ 100 lb
Oats	Common Root Rot (*Cochliobolus* spp.)	5 -10

Crop	Insects Protection Against	Use Rate fl oz/ 100 lb
Rye	Wireworms[1] European Chafer[2]	5 -10

Crop	Diseases Protection Against the Following	Use Rate fl oz/ 100 lb
Rye	General Seed Rots[3] Seedling Blight, Root Rot, and Damping-Off caused by seed- and soil-borne *Fusarium* spp. or *Rhizoctonia* spp. Seedling Blight, Root Rot, and Damping-Off caused by soil-borne *Pythium* spp.[8] Seed-borne *Septoria*[4] Common Bunt[6] Dwarf Bunt[6]	5 -10

Crop	Diseases Suppressed[5]	Use Rate fl oz/ 100 lb
Rye	Common Root Rot (*Cochliobolus* spp.) *Fusarium* Crown and Foot Rot Take-All	5 -10

Crop	Insect Protections Against	Use Rate fl oz/ 100 lb
Winter Wheat	Wireworms[1] European Chafer[2]	5 -10

Crop	Diseases Protection Against the Following	Use Rate fl oz/ 100 lb
Winter Wheat and Triticale	General Seed Rots[3] Seedling Blight, Root Rot, and Damping-Off caused by seed- and soil-borne *Fusarium* spp. or *Rhizoctonia* spp. Seedling Blight, Root Rot, and Damping-Off caused by soil-borne *Pythium* spp.[8] Seed-borne *Septoria*[4] *Septoria* Leaf Blotch[4,7] Common Bunt[6] Flag Smut Fusarium Seed Scab Dwarf Bunt[6] Karnal Bunt Loose Smut Pythium Damping Off[8]	5 -10

Crop	Diseases Supressed[5]	Use Rate fl oz/ 100 lb
Winter Wheat and Triticale	Common Root Rot (*Cochliobolus* spp.) *Fusarium* Crown and Foot and Root Rot Take-All	5 -10

Crop	Insect Protection Against	Use Rate fl oz/ 100 lb
Spring Wheat	Wireworms[1] European Chafer[2]	5 -10

Crop	Diseases Protection Against the Following	Use Rate fl oz/ 100 lb
Spring Wheat	General Seed Rots[3] Seedling Blight, Root Rot, and Damping-Off caused by seed- and soil-borne *Fusarium* spp. or *Rhizoctonia* spp. Seedling Blight, Root Rot, and Damping-Off caused by soil-borne *Pythium* spp.[8] Seed-borne *Septoria*[2] Fusarium Seed Scab Common Bunt[6] Karnal Bunt Loose Smut Pythium Damping Off[8]	5 -10

Crop	Diseases Supressed[5]	Use Rate fl oz/ 100 lb
Spring Wheat	Common Root Rot (*Cochliobolus* spp.) *Fusarium* Crown and Foot and Root Rot Take-All	5 -10

[1]The 5 fluid oz/100 lb rate of CruiserMaxx Vibrance Cereals provides suppression of wireworm activity. If pressure is moderate or high or control is required, use the higher rate of CruiserMaxx Vibrance Cereals.

[2]For control of European chafer activity, use the higher rate of CruiserMaxx Vibrance Cereals.

[3]Protection against general seed rots. This includes rots caused by saprophytic organisms such as *Fusarium, Pythium, Rhizoctonia, Penicillium* and *Aspergillus*.

[4]Use the 5 fluid oz/100 lb rate for protection against this disease.

[5]Suppression means consistent protection at a level which is not optimal but is still of commercial benefit.

[6]Protects against both seed- and soil-borne bunts (common, dwarf).

[7]Early season foliar disease protection for first 4 weeks after planting. For full season protection, apply a foliar fungicide according to label directions.

[8]For additional *Pythium* protection, add 0.0425 fl oz Apron XL®/100 lb seed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage

Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Handling (less than or equal to 5 gallons)

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling (greater than 5 gallons)

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling (greater than 5 gallons)

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

Apron XL®, CruiserMaxx® Vibrance® Cereals, The ALLIANCE FRAME
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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-866-796-4368.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 13833A-L1D 0726
4258570

THIAMETHOXAM	GROUP	4A	INSECTICIDE
DIFENOCONAZOLE	GROUP	3	FUNGICIDE
MEFENOXAM	GROUP	4	FUNGICIDE
SEDAXANE	GROUP	7	FUNGICIDE

CruiserMaxx® Vibrance®
Cereals

Insecticide with Fungicides

A seed treatment product for protection against damage from certain insects and diseases of cereals.

Active Ingredient:
Sedaxane (CAS No. 874967-67-6) 0.72%
Difenoconazole (CAS No. 119446-68-3) 3.34%
Mefenoxam (CAS Nos. 70630-17-0 and 69516-34-3) 0.86%
Thiamethoxam (CAS No. 153719-23-4) 2.78%

Other Ingredients:	92.30%
Total:	100.00%

CruiserMaxx Vibrance Cereals is a flowable concentrate for seed treatment containing 0.067 pounds of sedaxane, 0.31 pounds of difenoconazole, 0.079 pounds of mefenoxam, and 0.26 pounds of thiamethoxam per gallon

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1383
EPA Est. 100-NE-001

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KEEP OUT OF REACH OF CHILDREN.

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

First Aid

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 five minutes, then continuing rinsing. Call a poison control center or doctor for treatment advice. **If swallowed:** Call a poison control center 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 center or doctor. Do not give anything 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 center 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 mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOTLINE NUMBER: For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call **1-800-888-8372**.

Environmental Hazards: This product is toxic to fish, shrimp and wildlife and highly toxic to aquatic invertebrates. If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion. Do not contaminate water when disposing of equipment wash water or rinsate.

Pollinator Precautions: Thiamethoxam is highly toxic to bees, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory: Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. Thiamethoxam has properties and characteristics associated with chemicals detected in groundwater. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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2.5 gallons

Net Contents

syngenta®