

100-1383

06/20/2012

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U S ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave N W
Washington D C 20460

EPA Reg Number

100- 1383

Date of Issuance

JUN 2 0 2012

NOTICE OF PESTICIDE

Registration
 Reregistration
(under FIFRA as amended)

Term of Issuance

Conditional

Name of Pesticide Product

CruiserMaxx® Vibrance™
Cereals

Name and Address of Registrant (include ZIP Code)

Syngenta Crop Protection, Inc
P O Box 18300
Greensboro, NC 27419

Note Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce In any correspondence on this product always refer to the above EPA registration number

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you

- 1 Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data
- 2 Revise the EPA Registration Number to read, "EPA Reg No 100- 1383 "

Signature of Approving Official

Marcel Howard, Acting Product Manager (20)
Fungicide Branch, Registration Division (7505P)

Date

JUN 2 0 2012

- 3 Submit or cite the following data which has previously been required for mefenoxam
 - a Acute and Subchronic Neurotoxicity Battery studies (test guidelines 870 6200a and 870 6200b) were required by the Agency on February 24, 2011 Acceptable studies or a citation to acceptable studies must be received by the Agency by June 17, 2013
 - b An Immunotoxicity Study (test guideline 870 7800) was required by the Agency on February 24, 2011 An acceptable study or a citation to an acceptable study must be received by the Agency by June 17, 2012
- 4 Submit or cite the following data which has previously been required for difenoconazole
 - a An estuarine/marine invertebrate life cycle study (test guideline 850 1350) was required by the Agency on June 22, 2011 An acceptable study or a citation to an acceptable study must be submitted to the Agency by June 15, 2013
- 5 Submit or cite the following data which has previously been required for thiamethoxam
 - a A Terrestrial Plant Toxicity, Tier I (seedling emergence) (test guideline 850 4100) was required by the Agency on July 1, 2010 An acceptable study or citation to an acceptable study must be received by the Agency by December 31, 2012
 - b A Terrestrial Plant Toxicity, Tier I (vegetative vigor) (test guideline 850 4150) was required by the Agency on July 1, 2010 An acceptable study or citation to an acceptable study must be received by the Agency by December 31, 2012
 - c Avian Acute Oral Toxicity Test (test guideline 850 2100) On July 1, 2010, the Agency required this study from the thiamethoxam registrant that holds the technical registration A protocol was submitted to the Agency on June 1, 2012 by the technical registrant Once the protocol is reviewed and approved, an acceptable study must be submitted or cited no later than the time this study is required to be submitted or cited for current thiamethoxam registrations
 - d Field Test for Pollinators (test guideline 850 3040) An acceptable study must be submitted or cited no later than the time this study is required to be submitted or cited for current thiamethoxam registrations

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e) Your release for shipment of the product constitutes acceptance of these conditions

A stamped copy of the label is enclosed for your records

Sincerely,

A handwritten signature in black ink that reads "Marcel Howard". The signature is written in a cursive style with a large, stylized 'M' and 'H'.

Marcel Howard
Acting Product Manager (20)
Fungicide Branch
Registration Division (7505P)

Enclosure Label stamped "Accepted"

4/18

[Booklet]

CruiserMaxx® Vibrance™ Cereals

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 68516-34-3)	0.86%
Thiamethoxam (CAS No 153719-23-4)	2.78%
<u>Other Ingredients</u>	<u>92.30%</u>
Total	100.00%

CruiserMaxx Vibrance Cereals contains 0.0667 pounds of sedaxane, 0.308 pounds of difenoconazole, 0.079 pounds of mefenoxam, and 0.256 pounds of thiamethoxam per gallon

KEEP OUT OF REACH OF CHILDREN

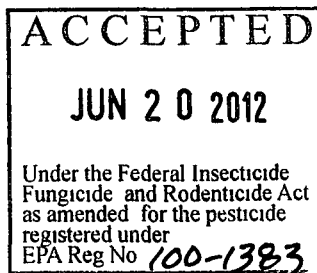
CAUTION

See additional precautionary statements and directions for use inside booklet

EPA Reg No 100-

EPA Est

- 2.5 gallons
- 15 gallons
- 30 gallons
- 110 gallons



FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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 eye • Call a poison control center or doctor for treatment advice
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have the 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 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	
HOT LINE 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 Wear protective eyewear Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below If you want more options follow the instructions for Category A on an EPA chemical resistance category selection chart

Applicators and other handlers must wear

- Long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, Viton® ≥14 mils
- Shoes plus socks

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 Control Statements

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 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

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 and other aquatic invertebrates. For terrestrial uses, Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion.

Ground Water Advisory

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination. Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops. Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into the ground water 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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170 This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides It contains requirements for training, decontamination notification and emergency assistance It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notifications to workers, and restricted-entry interval The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours Exception If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is

- Coveralls
- Chemical resistant gloves such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils Viton® ≥14 mils
- Shoes plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, 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 certain early season insects and also protects against certain seed- and soil-borne diseases of cereal crops

Thiamethoxam is a systemic seed treatment insecticide belonging to the neoticotinoid class of chemistry Thiamethoxam protects against certain chewing and sucking insects through contact and ingestion

CruiserMaxx Vibrance Cereals is a systemic seed dressing that provides protection against certain seed-borne soil-borne and early season foliar diseases of wheat barley and triticale Sedaxane enhances the protections against *Ustilago* sp and *Rhizoctonia* sp Difenoconazole provides protection against several seed and seedling diseases of cereals and mefenoxam provides protections against damping-off caused by *Pythium* sp

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 the active ingredient as stated on the label of the product containing the lowest seasonal total on that crop

MIXING INSTRUCTIONS

Important Always re-circulate CruiserMaxx Vibrance Cereals thoroughly before using

In addition, CruiserMaxx Vibrance Cereals may be applied by professionals at commercial seed treatment facilities according to label instructions 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 and disease control

Consult the manufacturer of the application equipment you plan to employ for suitability for this application and for instructions on operation and calibration of the equipment Follow the manufacturer application instructions for the seed treatment equipment being used

Under certain disease conditions, additional amounts of fungicides or insecticides may be required Tank mix when a problem is expected with the insects or diseases that are not controlled by CruiserMaxx Vibrance Cereals When needed apply additional Apron XL® according to the **CROP USE DIRECTIONS** Other tank mix partners may be used

with CruiserMaxx Vibrance Cereals, however the user must consider the use rate formulation seed and crop safety factors and compatibility of each product to be mixed when determining the total application volume

Continuous agitation or mixing of the slurry mixture is necessary to prevent settling out of the solution

Allow seed to dry before bagging

Follow planter manufacturer specifications for use of talc or other hopper box additives at planting Seed must be completely dry before adding to planter

CruiserMaxx Vibrance Cereals contains an EPA approved dye/colorant that imparts an unnatural color to the seed as required by the Federal Seed Act

SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds 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 feed food, or oil purposes
- User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act

In addition the U S Environmental Protection Agency requires the following statements on bags containing seeds treated with CruiserMaxx Vibrance Cereals

- Pollinator Precaution Thiamethoxam is highly toxic to bees and effects are possible as a result of exposure to translocated residues in blooming crops
- Store away from feeds and foodstuffs
- Wear long-sleeved shirt long pants and chemical resistant gloves when handling treated seed
- Treated seeds exposed on soil surface may be hazardous to wildlife Cover or collect treated seeds spilled during loading
- Do not allow children, pets, or livestock to have access to treated seed
- Dispose of all excess treated seed Leftover treated seed may be doublesown around the headland or buried away from water sources in accordance with local requirements
- Do not contaminate water bodies when disposing of planting equipment wash waters
- Dispose of seed packaging in accordance with local requirements
- For seed treated with CruiserMaxx Vibrance Cereals, do not graze or feed livestock on treated areas for 45 days after planting

- In the event of a crop failure or harvest of a crop grown from CruiserMaxx Vibrance Cereals treated seed, the field may be replanted immediately to canola soybean, barley oat, rye triticale and wheat
- Alfalfa *Brassica* (cole) leafy vegetables buckwheat, corn, pearl millet, proso millet popcorn rice (dry-seeded) sorghum teosinte wild rice, cotton, cucurbit vegetables dry bulb onions, fruiting vegetables leafy vegetables legume vegetables, mint (peppermint and spearmint) oil seed crops (black mustard seed, borage seed crambe seed field mustard seed flax seed, Indian mustard seed, Indian rapeseed seed, peanuts rapeseed seed and safflower seed), root vegetables strawberry sunflowers, tobacco, and tuberous and corm vegetables may be planted 30 days from the date the CruiserMaxx Vibrance Cereals treated seed was planted
- For any other crop, the minimum plant back interval is 120 days from the date the CruiserMaxx Vibrance Cereals treated seed was 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
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in the ethanol by- products that are used in agronomic practice
- The maximum number of applications per season is 2

CROP USE PRECAUTIONS

Resistance Management

CruiserMaxx Vibrance Cereals contains sedaxane, a Group 7 fungicide, thiamethoxam, a Group 4A insecticide, mefenoxam, a Group 4 fungicide, and difenoconazole, a Group 3 fungicide

Some insect pests are known to develop resistance to products after repeated use. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

If resistance to this product develops in your area, this product, or other products with a similar mode of action may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

CruiserMaxx Vibrance Cereals contains a Group 4A insecticide (thiamethoxam, belonging to the neonicotinoid class of chemistry). 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.

In order to maintain susceptibility to this class of chemistry

- Avoid using Group 4A insecticides exclusively for season long control of insect species with more than one generation per crop season.
- For insect species with successive or overlapping generations, apply CruiserMaxx Vibrance Cereals or other Group 4A insecticides using a treatment window approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated in the Directions for Use) of the Group 4A insecticides. Do not exceed the maximum CruiserMaxx Vibrance Cereals allowed per growing season.
- Following a treatment window of Group 4A insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 4A insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest's ability to develop resistance to this class of chemistry.

- If resistance is suspected do not reapply CruiserMaxx Vibrance Cereals or any other Group 4A insecticides

Other Insect Resistance Management (IRM) practices include

- Incorporating IPM techniques into your insect control program
- Monitoring treated insect populations for loss of field efficacy
- Using tank-mixtures or premixes with insecticides from a different target site of action group as long as the involved products are all registered for the same crop outlet and effective rates are applied

For additional information on Insect Resistance Management

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at [http //www irac-online org/](http://www.irac-online.org/)

CruiserMaxx Vibrance Cereals contains the fungicide mefenoxam a systemic fungicide having a specific mode of action against fungal pathogens

Note The fungicide mefenoxam contained in this product could be subject to development of insensitive strains of fungi or may be ineffective against naturally occurring strains of fungi. Development of insensitivity or natural tolerance cannot be predicted. Therefore Syngenta cannot assume liability for crop damage resulting from insensitive or tolerant strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible insensitive or tolerant strains of fungi which may occur

Consult your local pest control advisor or extension office for additional methods for preventing resistance development. Syngenta encourages responsible product stewardship to ensure effective long term control of the fungal and insect pests on this label

CROP USE DIRECTIONS

Restrictions

The maximum number of applications per season is 2

Crop	Insects Protection Against	Use Rate Fluid Ounces per 100 lb
Barley	Wireworms ¹ European Chafer ²	5 -10 fluid oz

Crop	Disease	Use Rate Fluid Ounces per 100 lb
Barley	General Seed Rots ³ Seedling Blight Root Rot and Damping-Off caused by seed- and soil-borne <i>Fusarium</i> spp or <i>Rhizoctonia</i> spp Seedling Blight Root Rot and Damping-Off caused by soil-borne <i>Pythium</i> spp Seed-borne <i>Septoria</i> ⁴ Covered Smut False Loose Smut True Loose Smut	5 -10 fluid oz

Crop	Diseases Suppressed ⁵	Use Rate Fluid Ounces per 100 lb
Barley	Common Root Rot (<i>Cochliobolus</i> spp) <i>Fusarium</i> Crown and Foot Rot Take-All	5 -10 fluid oz

Crop	Insects Protection Against	Use Rate Fluid Ounces per 100 lb
Oats	Wireworms ¹ European Chafer ²	5 -10 fluid oz

Crop	Diseases Controlled	Use Rate Fluid Ounces per 100 lb
Oats	General Seed Rots ³ Seedling Blight Root Rot and Damping-Off caused by seed- and soil-borne <i>Fusarium</i> spp or <i>Rhizoctonia</i> spp Seedling Blight Root Rot and Damping-Off caused by soil-borne <i>Pythium</i> spp Seed-borne <i>Septoria</i> ⁴ Covered Smut Loose Smut	5 -10 fluid oz

Crop	Diseases Suppressed ⁵	Use Rate Fluid Ounces per 100 lb
Oats	Common Root Rot (<i>Cochliobolus</i> spp)	5 -10 fluid oz

Crop	Insects Protection Against	Use Rate Fluid Ounces per 100 lb
Rye	Wireworms ¹ European Chafer ²	5 -10 fluid oz

Crop	Diseases Protection Against the Following	Use Rate Fluid Ounces per 100 lb
Rye	General Seed Rots ³ Seedling Blight Root Rot and Damping-Off caused by seed- and soil-borne <i>Fusarium</i> spp or <i>Rhizoctonia</i> spp Seedling Blight Root Rot and Damping-Off caused by soil-borne <i>Pythium</i> spp Seed-borne <i>Septoria</i> ⁴ Common Bunt ⁶ Dwarf Bunt ⁶	5 -10 fluid oz

Crop	Diseases Suppressed ⁵	Use Rate Fluid Ounces per 100 lb
Rye	Common Root Rot (<i>Cochliobolus</i> spp) <i>Fusarium</i> Crown and Foot Rot Take-All	5 -10 fluid oz

Crop	Insect Protections Against	Use Rate Fluid Ounces per 100 lb
Winter Wheat	Wireworms ¹ European Chafer ²	5 -10 fluid oz

Crop	Diseases Protection Against the Following	Use Rate Fluid Ounces per 100 lb
Winter Wheat and Triticale	General Seed Rots ³ Seedling Blight Root Rot and Damping-Off caused by seed- and soil-borne <i>Fusarium</i> spp or <i>Rhizoctonia</i> spp Seedling Blight Root Rot and Damping-Off caused by soil-borne <i>Pythium</i> spp Seed-borne <i>Septoria</i> ⁴ <i>Septoria</i> Leaf Blotch ^{4,7} Common Bunt ⁶ Flag Smut Fusarium Seed Scab Dwarf Bunt ⁶ Karnal Bunt Loose Smut Pythium Damping Off	5 -10 fluid oz

Crop	Diseases Supressed ⁵	Use Rate Fluid Ounces per 100 lb
Winter Wheat and Triticale	Common Root Rot (<i>Cochliobolus</i> spp) <i>Fusarium</i> Crown and Foot and Root Rot Take-All	5 -10 fluid oz

Crop	Insect Protection Against	Use Rate Fluid Ounces per 100 lb
Spring Wheat	Wireworms ¹ European Chafer ²	5 -10 fluid oz

Crop	Diseases Protection Against the Following	Use Rate Fluid Ounces per 100 lb
Spring Wheat	General Seed Rots ³ Seedling Blight Root Rot and Damping-Off caused by seed- and soil-borne <i>Fusarium</i> spp or <i>Rhizoctonia</i> spp Seedling Blight Root Rot and Damping-Off caused by soil-borne <i>Pythium</i> spp Seed-borne <i>Septoria</i> ² Fusarium Seed Scab Common Bunt ⁶ Karnal Bunt Loose Smut Pythium Damping Off	5 -10 fluid oz

Crop	Diseases Suppressed ⁵	Use Rate Fluid Ounces per 100 lb
Spring Wheat	Common Root Rot (<i>Cochliobolus</i> spp) <i>Fusarium</i> Crown and Foot and Root Rot Take-All	5 -10 fluid oz

¹The 5 fluid oz/100 lbs rate of A-17511B provides suppression of wireworm activity. If pressure is moderate or high or control is required, use the higher rate of A-17511B.

²For control of European chafer activity, use the higher rate of A-17511B.

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

⁴Use the 5 fluid oz/100 lbs rate for protection against this disease.

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

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

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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 of the nearest EPA Regional Office for guidance.

Container Handling [less than 5 gallons]

Non-refillable container Do not reuse or refill this container. Offer for recycling if available. 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and 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 allowed by state and local authorities.

Container Handling [greater than 5 gallons]


Non-refillable container Do not reuse or refill this container. Offer for recycling if available. 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 ¼ 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 allowed by state and local authorities.

Container Handling [Bulk/Mini-bulk]

Refillable container Refill this container with pesticide only. Do not use 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 refiller. 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 allowed 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®, the Syngenta Logo and the CP FRAME  are Trademarks of a Syngenta Group Company

Viton® trademark of E I duPont de Nemours & Co Inc

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Manufactured for
Syngenta Crop Protection Inc
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