



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 9, 2019

Ricky Kyaw
Regulatory Product Manager
Syngenta Crop Protection, LLC
PO Box 18300
Greensboro, NC 27419

Subject: Registration Review Label Mitigation for Fludioxonil, Mefenoxam
Product Name: Vibrance Maxx
EPA Registration Number: 100-1561
Application Dates: 2/1/2019; 11/4/2019
Decision Numbers: 557160; 557161

Dear Ricky Kyaw:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Fludioxonil and Mefenoxam Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Darius Stanton by phone at 703-347-0433, or via email at Stanton.Darius@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

ACCEPTED

Dec 09, 2019

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 100-1561

(Master label)

MEFENOXAM	GROUP	4	FUNGICIDE
SEDAXANE	GROUP	7	FUNGICIDE
FLUDIOXONIL	GROUP	12	FUNGICIDE

Vibrance® Maxx

Fungicide

A seed treatment product for protection against damage from listed soil-borne, seed-borne and seedling diseases on soybean, dried shelled peas, chickpea, lentil, all *Lupinus* species, and select *Phaseolus* and *Vigna* species.

Active Ingredients:

Sedaxane ¹	4.69%
Mefenoxam ²	3.52%
Fludioxonil ³	2.35%
<hr/>	
Other Ingredients:	89.44%
Total:	100.00%

¹CAS No. 874967-67-6

²CAS No. 70630-17-0 and CAS No. 69516-34-3

³CAS No. 131341-86-1

Vibrance Maxx is a flowable concentrate containing 0.42 lb sedaxane, 0.31 lb mefenoxam, and 0.21 lb fludioxonil per gallon.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet [on label].

EPA Reg. No. 100-1561

EPA Est. XXXXX

SCP

Net Contents

FIRST AID	
If swallowed	<ul style="list-style-type: none">• 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 by a poison control center or doctor.• Do not give anything to an unconscious person.
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

Harmful if swallowed. 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: 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 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 pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. Do not contaminate water when disposing of equipment washwater or rinsate.

Groundwater Advisory

Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. Fludioxonil 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.

Physical and Chemical Hazards

Do not mix or allow coming in contact with oxidizing agent. Hazardous chemical reaction may occur.

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 this 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.

Use is permitted on-farm and in commercial seed treatment facilities. Use is also permitted as an end-use seed treatment on agricultural establishments at planting, or immediately before planting, as specified in the **Crop Use Directions**. This product is to be used in liquid or slurry treaters only.

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 Vibrance Maxx.

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 yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.

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.

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) 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:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves: 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

PRODUCT INFORMATION

Vibrance Maxx is a seed treatment product containing the active ingredients sedaxane, mefenoxam, and fludioxonil. Vibrance Maxx protects against damage from listed soil-borne, seed-borne, and seedling diseases of soybean, dried shelled peas, chickpeas, lentils, all *Lupinus* species, and select *Phaseolus* and *Vigna* species.

Sedaxane fungicide is active against seed decay, seedling blight, and damping-off caused by *Rhizoctonia* species.

Mefenoxam fungicide is active against *Pythium* species, *Phytophthora* species, and systemic downy mildew.

Fludioxonil fungicide is active against *Fusarium* and *Rhizoctonia* species, and suppresses seed-borne *Sclerotinia* and *Phomopsis* species.

RESISTANCE MANAGEMENT

MEFENOXAM	GROUP	4	FUNGICIDE
SEDAXANE	GROUP	7	FUNGICIDE
FLUDIOXONIL	GROUP	12	FUNGICIDE

For resistance management, please note that Vibrance Maxx contains Group 4/ mefenoxam, Group 7/sedaxane and Group 12/fludioxonil fungicides. Any fungal population may contain individuals naturally resistant to Vibrance Maxx and other Group 4, Group 7 or Group 12 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

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. Fludioxonil belongs to the phenylpyrrole class of chemistry which interferes with osmotic signal transduction.

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

- Rotate the use of Vibrance Maxx or other 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:

- Contact Syngenta representatives at 1-800-334-9481
- Contact your local extension specialist or certified crop advisor
- Visit the Fungicide Resistance Action Committee (FRAC) on the web at: <http://www.frac.info>

MIXING PROCEDURES

Important: Always re-circulate Vibrance Maxx thoroughly before using.

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

Apply Vibrance Maxx as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the specified amount of Vibrance Maxx 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. Vibrance Maxx is compatible with several liquid inoculant products. Consult the maker

of the inoculant product and a Syngenta representative for directions before applying Vibrance Maxx with inoculants.

The total application volume must be sufficient to provide desired level of coverage. Dilution is typically done with water or liquid inoculants. The minimum slurry volume to achieve adequate coverage is 4.0 fluid ounces per 100 pounds of seed. More diluent may be required to obtain complete coverage. For chickpea, a total slurry volume of 10 fluid ounces per 100 pounds of seed is recommended for optimal coverage.

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 left over slurry will be maintained overnight.

Vibrance Maxx contains an EPA-approved colorant that imparts an unnatural color to the seed as required by the Federal Seed Act. 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.

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 fludioxonil, mefenoxam, and sedaxane fungicides.
- Do not use for feed, food, or oil purposes.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with Vibrance Maxx:

- **Ground Water Advisory:**
Mefenoxam is known to leach through soil into ground water under certain conditions as a result of agricultural use. This chemical may leach into the ground water if used in areas where soils are permeable, particularly where the water table is shallow.
- 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.
- Do not allow children, pets, or livestock to have access to treated seed.
- 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.
- Treated seed must be planted into the soil at a depth greater than 1 inch.

- Dispose of all excess treated seed. Leftover treated seed may be double-sown 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.
- In the event of crop failure or harvest of a crop grown from this treated seed, the field may be replanted immediately to:
 - Canola, Cereal Grains (Barley, Corn, Oat, Rye, Sorghum, Triticale, and Wheat), Cotton, Dried Shelled Pea and Bean Crop Subgroup 6C, Potato, Soybean, and Sugarbeet.
 - All other crops may be replanted a minimum of 30 days after planting seed treated with Vibrance Maxx.
 - Forage may not be grazed until 30 days after planting.

CROP USE DIRECTIONS

When applied according to the **Rate Table**, Vibrance Maxx provides early-season protection against the diseases listed in the tables below.

Rate Table

Crop	Diseases	Use Rate (fl oz per 100 lb seed)	Active Ingredient (grams per 100 kg seed)
DRIED SHELLLED PEAS Select <i>Pisum</i> species including: field pea Pigeon Pea (<i>Cajanus cajan</i>)	Seed-borne <i>Ascochyta</i> blight and foot rot caused by <i>Ascochyta</i> spp.	1.54	Mefenoxam: 3.75 Fludioxonil: 2.5 Sedaxane: 5.0
	Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp.		
Chickpea (garbanzo bean) (<i>Cicer arietinum</i>)	Seed-borne <i>Ascochyta</i> blight and foot rot caused by <i>Ascochyta</i> spp. Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp., <i>Rhizoctonia</i> spp. and <i>Botrytis</i> spp.		
Lentil (<i>Lens esculenta</i>)	Seed-borne <i>Ascochyta</i> blight and foot rot caused by <i>Ascochyta</i> spp. Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp., <i>Rhizoctonia</i> spp., and <i>Botrytis</i> spp.		

Crop	Diseases	Use Rate (fl oz per 100 lb seed)	Active Ingredient (grams per 100 kg seed)
<p>All <i>Lupinus</i> species including: grain lupin sweet lupin white lupin white sweet lupin</p> <p>Broad bean (fava bean, dry) (<i>Vicia faba</i>)</p>	<p>Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp., and <i>Rhizoctonia</i> spp.</p>		
<p>Guar</p> <p>Lablab bean (hyacinth bean) (<i>Lablab purpureus</i>)</p>	<p>Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp., and <i>Rhizoctonia</i> spp.</p> <p>Seedling blight caused by <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp.</p> <p>Anthraco-nose caused by seed-borne <i>Colletotrichum</i> spp.</p>		
<p>DRIED SHELLLED BEANS</p> <p>Select <i>Phaseolus</i> species including: field bean kidney bean Lima bean (dry) navy bean pinto bean tepariy bean</p> <p>Select <i>Vigna</i> species including: adzuki bean blackeyed pea catjang cowpea Crowder pea moth bean mung bean rice bean southern pea urd bean</p>	<p>Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp., and <i>Rhizoctonia</i> spp.</p> <p>Seedling blight caused by <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp.</p> <p>Anthraco-nose caused by seed-borne <i>Colletotrichum</i> spp.</p>	<p>1.54</p>	<p>Mefenoxam: 3.75 Fludioxonil: 2.5 Sedaxane: 5.0</p>

Crop	Diseases	Use Rate (fl oz per 100 lb seed)	Active Ingredient (grams per 100 kg seed)	Active Ingredient (mg ai per seed)*
Soybean	Seed rot/pre-emergence damping-off, post-emergence damping-off, and seedling blight caused by <i>Fusarium</i> spp., <i>Pythium</i> spp., and <i>Rhizoctonia</i> spp.	1.54	Mefenoxam: 3.75	Total: 0.017
	Seedling root rot caused by <i>Fusarium</i> spp.		Fludioxonil: 2.5	
	Seed rot and seedling blight caused by seed-borne <i>Phomopsis</i> spp.		Sedaxane: 5.0	
	Early-season root rot caused by <i>Phytophthora megasperma</i> var. <i>sojae</i>			

*Based on 3,000 soybean seeds per pound.

When to add Apron XL®:

If target fields have a history of high *Phytophthora* pressure, add 0.16 - 0.48 fl oz of Apron XL/100 lb of seed, as directed on the Apron XL label. The additional Apron XL may reduce compatibility with some rhizobia inoculants. Consult with the maker of rhizobia inoculants before adding the additional Apron XL. Vibrance Maxx provides the equivalent of 0.16 fl oz of Apron XL when applied at 1.54 fl oz/100 lb of seed.

Vibrance Maxx provides early-season protection against *Phytophthora* root rot for tolerant varieties of soybean. If target fields have a history of high *Phytophthora* pressure or more susceptible varieties are to be treated, then tank-mix Vibrance Maxx with 0.16 - 0.48 fl oz of Apron XL per 100 lb of seed. See **Soybean Tank Mix Rate Table** for clarification on tank-mixing Apron XL with Vibrance Maxx for treatment of soybean.

For systemic downy mildew protection in field pea, add 0.64 fl oz of Apron XL/100 lb of seed in addition to the amount listed for *Phytophthora* protection, for a total maximum rate of 1.12 fl oz of Apron XL/100 lb of seed. For clarification on tank-mixing Apron XL with Vibrance Maxx, see **Tank Mix Rate Table**.

When to add Mertect® 340-F:

For heavy Ascochyta infections in field pea and pigeon pea, 1.02 fl oz of Mertect 340-F/100 lb of seed may be added for best protection. For heavy Ascochyta infections of lentil, add 1.05 fl oz of Mertect 340-F, and for chickpea, add 2.04 fl oz of Mertect 340 F as directed on the Mertect 340-F label. See **Tank Mix Rate Table** for clarification on tank-mixing Mertect 340-F with Vibrance Maxx.

Tank Mix Rate Table

Crop	Disease Pressure	Tank-mix Partner	Tank-mix Partner Use Rate (fl oz per 100 lb seed)
All Listed Crops, Except Soybean (See Soybean Tank Mix Rate Table)	History of high Phytophthora pressure	Apron XL	0.16 - 0.48
Field Pea	Systemic downy mildew	Apron XL	1.12
Field Pea and Pigeon Pea	Heavy infections of <i>Ascochyta</i> spp.	Mertect 340-F	1.02
Lentil	Heavy infections of <i>Ascochyta</i> spp.	Mertect 340-F	1.05
Chickpea	Heavy infections of <i>Ascochyta</i> spp.	Mertect 340-F	2.04

For best results against Ascochyta blight, plant field pea, pigeon pea, lentil or chickpea seed treated with Vibrance Maxx or Vibrance Maxx plus Mertect 340-F fungicide as late in the spring as possible.

Soybean Tank Mix Rate Table

Crop	Disease Pressure	Tank-mix Partner	Tank-mix Partner		
			Use Rate (fl oz per 100 lb seed)	Active Ingredient (grams per 100 kg seed)	Active Ingredient (mg ai per seed)*
Soybean	History of high Phytophthora pressure -or- Phytophthora-susceptible varieties	Apron XL	0.16 – 0.48	Mefenoxam: 3.75 – 11.25	0.006 – 0.017

*Based on 3,000 soybean seeds per pound.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in the original container and only in a cool, dry, secure place.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used 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 in proper disposal methods.

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 $\frac{1}{4}$ 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 $\frac{1}{4}$ 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 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!

Vibrance®, Apron XL®, Mertect®, the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
are Trademarks of a Syngenta Group Company

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481

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

SCP

Vibrance Maxx 1561 MAS 0815 AMEND JUN2018 – mar – 6/11/18
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