



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

100-1561

Date of Issuance:

8/5/15

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Vibrance® Maxx

Name and Address of Registrant (include ZIP Code):

Patrick McCain  
Regulatory Affairs – Seed Care  
Syngenta Crop Protection, LLC  
PO Box 18300  
Greensboro, NC 27419-8300

**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). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Rachel C. Holloman, Chief  
Fungicide and Herbicide Branch  
Registration Division (7505P)

Date:

8/5/15

2. You are required to comply with the data requirements described in the DCI Order identified below:

a. Fludioxonil GDCI-081901-1301

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: [http://www.epa.gov/oppsrrd1/contacts\\_prd.htm](http://www.epa.gov/oppsrrd1/contacts_prd.htm)

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 100-1561.”

4. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/07/2014
- Alternate CSF 1 dated 10/07/2014

If you have any questions contact Driss Benmhend at 703-308-9525 or by e-mail at: [Benmhend.driss@epa.gov](mailto:Benmhend.driss@epa.gov).

Enclosure

(Master label)

**GROUP 4 7 12 FUNGICIDES**

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

<sup>1</sup>CAS No. 874967-67-6

<sup>2</sup>CAS No. 70630-17-0 and CAS No. 69516-34-3

<sup>3</sup>CAS 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**

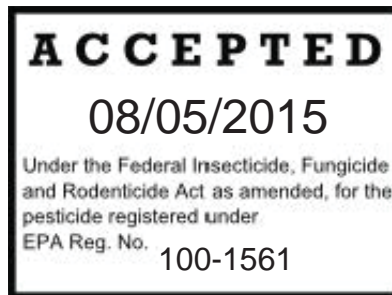
See additional precautionary statements and directions for use in booklet [on label].

EPA Reg. No. 100-XXXX

EPA Est. XXXXX

SCP

Net Contents



<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li><li>• Do not give anything to an unconscious person.</li></ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call <b>1-800-888-8372</b>	

---

## **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
- Waterproof gloves
- 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.

**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
- Waterproof gloves
- Shoes plus socks

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.

---

## 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

---

<b>GROUP</b>	<b>4</b>	<b>7</b>	<b>12</b>	<b>FUNGICIDES</b>
--------------	----------	----------	-----------	-------------------

Vibrance Maxx contains mefenoxam, a Group 4 fungicide; sedaxane, a Group 7 fungicide; and fludioxonil, a Group 12 fungicide. 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.

Fungal populations may contain individuals naturally resistant to Group 4, 7 or 12 fungicides and if used repeatedly in the same fields, then resistant members may eventually dominate the population. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies such as alternation with fungicides with a different mode of action and/or tank mixes established for the crop and use area.

Use should be based on an IPM program that includes field sanitation, scouting, historical information related to pesticide use, and crop rotation. The IPM program should also consider cultural, biological, and other chemical control practices.

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)
<p><b>DRIED SHELLLED PEAS</b></p> <p>Select <i>Pisum</i> species including: field pea</p> <p><b>Pigeon Pea</b> (<i>Cajanus cajan</i>)</p>	<p>Seed-borne <i>Ascochyta</i> blight and foot rot caused by <i>Ascochyta</i> spp.</p> <p>Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp.</p>	1.54	<p>Mefenoxam: 3.75</p> <p>Fludioxonil: 2.5</p> <p>Sedaxane: 5.0</p>
<p><b>Chickpea (garbanzo bean)</b> (<i>Cicer arietinum</i>)</p>	<p>Seed-borne <i>Ascochyta</i> blight and foot rot caused by <i>Ascochyta</i> spp.</p> <p>Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp., <i>Rhizoctonia</i> spp. and <i>Botrytis</i> spp.</p>		
<p><b>Lentil</b> (<i>Lens esculenta</i>)</p>	<p>Seed-borne <i>Ascochyta</i> blight and foot rot caused by <i>Ascochyta</i> spp.</p> <p>Seed and soil-borne diseases caused by <i>Fusarium</i> spp., <i>Pythium</i> spp., <i>Rhizoctonia</i> spp., and <i>Botrytis</i> spp.</p>		
<p><b>All <i>Lupinus</i> species including:</b> grain lupin sweet lupin white lupin white sweet lupin</p> <p><b>Broad bean (fava bean, dry)</b> (<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>		

Crop	Diseases	Use Rate (fl oz per 100 lb seed)	Active Ingredient (grams per 100 kg seed)
<p><b>Guar</b></p> <p><b>Lablab bean (hyacinth bean)</b> (<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>Anthracnose caused by seed-borne <i>Colletotrichum</i> spp.</p>		
<p><b>DRIED SHELLLED BEANS</b></p> <p><b>Select <i>Phaseolus</i> species including:</b> field bean kidney bean Lima bean (dry) navy bean pinto bean teparty bean</p> <p><b>Select <i>Vigna</i> species including:</b> 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>Anthracnose caused by seed-borne <i>Colletotrichum</i> spp.</p>	<p>1.54</p>	<p>Mefenoxam: 3.75</p> <p>Fludioxonil: 2.5</p> <p>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)
<b>All Listed Crops, Except Soybean</b> (See <b>Soybean Tank Mix Rate Table</b> )	History of high Phytophthora pressure	Apron XL	0.16 - 0.48
<b>Field Pea</b>	Systemic downy mildew	Apron XL	1.12
<b>Field Pea and Pigeon Pea</b>	Heavy infections of <i>Ascochyta</i> spp.	Mertect 340-F	1.02
<b>Lentil</b>	Heavy infections of <i>Ascochyta</i> spp.	Mertect 340-F	1.05
<b>Chickpea</b>	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)*
<b>Soybean</b>	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 – mini-bulk]**

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 - bulk]**

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

©20XX Syngenta

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 NEW-B DEC2014 – rk – 7/30/15  
000100-0XXXX.20141219B.VIBRANCE-MAXX\_NEW\_DEC2014.pdf