

#### OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

November 14, 2025

Nestor Algarin Regulatory Product Manager Syngenta Crop Protection, LLC P.O. Box 18300 Greensboro, NC 27419

Subject: Label Amendment - Registration Review Mitigation for Mefenoxam and

Fludioxonil

Product Name: Vibrance Trio

EPA Registration Number: 100-1637

Case Number: 482815

Application Date: February 1, 2019 and November 21, 2022

#### Dear Nestor Algarin:

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 Mitigation for Mefenoxam and Fludioxonil 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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

Page 2 of 2 EPA Reg. No. 100-1637 Case No. 482815

submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

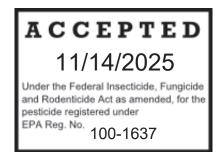
If you have any questions about this letter, please contact Concepción Rodríguez by phone at 202-566-0820, or via email at <a href="mailto:rodriguez.concepcion@epa.gov">rodriguez.concepcion@epa.gov</a>.

Sincerely,

Maryam K. Muhammad-Perch, Team Lead Risk Management and Implementation Branch 4

Pesticide Re-Evaluation Division Office of Pesticide Programs

**ENCLOSURE:** Stamped label



## [MASTER]

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

#### Vibrance® Trio

## **Fungicide**

A seed treatment product for protection against damage from listed diseases of soybean and dried shelled pea and bean.

Active Ingredient:	
Fludioxonil <sup>1</sup>	2.32%
Sedaxane <sup>2</sup>	
Mefenoxam <sup>3</sup>	13.95%
Other Ingredients:	81.41%
Total:	100.00%

Vibrance Trio is a flowable concentrate for seed treatment containing 0.21 lb fludioxonil, 0.21 lb sedaxane, and 1.24 lb mefenoxam per gallon.

#### KEEP OUT OF REACH OF CHILDREN.

## **CAUTION**

See	adc	liti	ional	precau	tionary	sta	temen	ts	and	d	irec	tions	tor	use	ın	boc	kl	et.
-----	-----	------	-------	--------	---------	-----	-------	----	-----	---	------	-------	-----	-----	----	-----	----	-----

EPA Reg. No. 10 EPA Est. No.	0-1637
Net Contents	
[Batch Code:	1 (For nonrefillables only

<sup>&</sup>lt;sup>1</sup>CAS No. 131341-86-1 <sup>2</sup>CAS No. 874967-67-6

<sup>&</sup>lt;sup>3</sup>CAS No. 70630-17-0 and 69516-34-3

#### **TABLE OF CONTENTS**

1	_(	0	FI	R	SI	Γ	ΔI	D

#### 2.0 PRECAUTIONARY STATEMENTS

- 2.1 Hazards to Humans and Domestic Animals
- 2.2 Personal Protective Equipment (PPE)
  - 2.2.1 User Safety Requirements
  - 2.2.2 Engineering Controls
  - 2.2.3 User Safety Recommendations
- 2.3 Environmental Hazards
  - 2.3.1 Groundwater Advisory
- 2.4 Physical or Chemical Hazards
- 3.0 PRODUCT INFORMATION
  - 3.1 Resistance Management
- **4.0 APPLICATION DIRECTIONS** 
  - 4.1 Tank Mixtures
- 5.0 ROTATIONAL CROP RESTRICTIONS
- **6.0 RESTRICTIONS**
- 7.0 SEED CONTAINER LABEL REQUIREMENTS
- **8.0 SEED TREATMENT DIRECTIONS** 
  - 8.1 Soybean
  - 8.2 Dried Shelled Pea and Bean, Crop Subgroup 6C
- 9.0 STORAGE AND DISPOSAL
- 10.0 CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

## 1.0 FIRST AID

FIRST AID							
• Call a poison control center or doctor immediately for treatment advice.							
	Have a 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 by mouth to an unconscious person.						
If on skin or	Take off contaminated clothing.						
clothing	<ul> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>						
Have the produc	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 Che	Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident)						
	Call						
	1-800-888-8372						

# 2.0 PRECAUTIONARY STATEMENTS

## 2.1 Hazards to Humans and Domestic Animals

## **CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

## 2.2 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, neoprene rubber ≥14 mils, nitrile rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton® ≥14 mils
- Shoes plus socks

## 2.2.1 User Safety Requirements

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

## 2.2.2 Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

## 2.2.3 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.

## 2.3 Environmental Hazards

This product is toxic to fish and 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 washwater or rinsate.

## 2.3.1 Groundwater Advisory

Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Fludioxonil has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

## 2.4 Physical or Chemical Hazards

Do not mix or allow to come in contact with oxidizing agents. Hazardous chemical reaction may occur.

## **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 only. Do not use for atplant applications (e.g. hopper box, planter box, etc.). This product is to be applied as a water-based slurry through standard slurry- or mist-type commercial seed treatment equipment.

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.

Maximum usage when applying metalaxyl- and mefenoxam- containing products to the same crop within the same season: Do not apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.

FAILURE TO FOLLOW DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY; POOR 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 (WPS).

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours. Exception: If the product is drenched, 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. No restricted-entry interval (REI) is required following soil injection, soil incorporated or a soil drench application.

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: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton ≥14 mils
- 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. Then conduct germination tests with a portion of this treated 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 any crop seed treated with Vibrance Trio.

## 3.0 PRODUCT INFORMATION

Vibrance Trio is a broad-spectrum seed treatment fungicide that consists of three fungicide active ingredients: fludioxonil, sedaxane, and mefenoxam. Each active ingredient has a different mode of action against fungal pathogens. This fungicide seed treatment is designed for control of many important fungal plant diseases. Vibrance Trio may be applied in tank mixes or sequentially with other registered seed treatment pesticide products such as Cruiser® 5FS insecticide.

Fludioxonil fungicide protects against damage from seed-borne and soil-borne Fusarium and Rhizoctonia species causing seed decay, damping-off, and seedling blight. This active ingredient also provides protection from seed-borne Diaporthe-Phomopsis disease complex sometimes referred to as pod and stem blight (Phomopsis species and Diaporthe species). Fludioxonil suppresses seed-borne Sclerotinia and Phomopsis species.

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

Mefenoxam fungicide is active against Pythium and Phytophthora species.

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

## 3.1 Resistance Management

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

For resistance management, please note that Vibrance Trio contains Group 4/mefenoxam, Group 7/sedaxane, and Group 12/fludioxonil fungicides. Any fungal population may contain individuals naturally resistant to Vibrance Trio 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 Trio 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.

## 4.0 APPLICATION DIRECTIONS

Important: Recirculate Vibrance Trio thoroughly before using.

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

Apply Vibrance Trio as a water-based slurry utilizing standard slurry seed treatment equipment that provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of insect or disease control. Thoroughly mix the specified amount of Vibrance Trio into the required amount of water or liquid inoculant for the slurry treater and dilution rate to be used.

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

Allow seed to dry before bagging.

## 4.1 Tank Mixtures

Vibrance Trio mixes easily with water and other water-based seed treatments manufactured by Syngenta. When mixing with products from other manufacturers, test the compatibility prior to use by conducting a jar test: mix all intended seed treatments with the appropriate amount of water in a clear glass container. Mix well and allow mixture to sit for one hour. Remix and observe for incompatibility.

Mixing Vibrance Trio with tank-mix partners: Add ½ of the required water to the mix tank and turn on the agitation. Mechanical agitation is preferred. If using wettable powders, add them first to clean water allowing them to completely disperse prior to adding Vibrance Trio or other products. Allow each tank-mix partner to completely disperse before adding the next product. Add the remaining amount of water and agitate. Maintain agitation until the entire slurry mixture has been used.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

# 5.0 ROTATIONAL CROP RESTRICTIONS

• In the event of a crop failure or harvest of a crop grown from seed treated with Vibrance Trio, the field may be replanted according to the following schedule:

#### **Plantback Interval Table**

Immediate Plantback Interval	30-Day Plantback Interval
Cereals: Barley, Corn (Field, Pop, Seed, Sweet), Oats, Rye, Sorghum, Triticale, and Wheat	
Cotton	
Dried Shelled Pea and Bean Crop Subgroup 6C	All Other Crops
Potato	
Rapeseed Crop Subgroup 20A	
Soybean	
Sugarbeet	

# 6.0 RESTRICTIONS

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

**DO NOT** apply more than 0.25 lb ai/Acre (115 g ai/Acre) per calendar year of mefenoxam- or metalaxyl-containing products as a seed treatment on Dried Shelled Pea and Bean (Except Soybean) Crop Subgroup 6C.

**DO NOT** apply more than 0.052 lb ai/Acre (23 g ai/Acre) per calendar year of mefenoxam- or metalaxyl-containing products as a seed treatment on Soybean.

# 7.0 SEED CONTAINER LABEL REQUIREMENTS

The Federal Seed Act requires that containers of treated seeds must be labeled with the following statements:

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

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with Vibrance Trio:

- Do not allow children, pets, or livestock to have access to treated seed.
- Store treated seed away from feed and foodstuffs.
- Wear long-sleeved shirt, long pants and chemical resistant gloves when handling treated seed.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- 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.
- 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.
- Groundwater Advisory: Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label 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.
- In the event of a crop failure or harvest of a crop grown from seed treated with Vibrance Trio, the field may be replanted according to the following schedule:

#### Plantback Interval Table

Immediate Plantback Interval	30-Day Plantback Interval
Cereals: Barley, Corn (Field, Pop, Seed, Sweet), Oats, Rye, Sorghum, Triticale, and Wheat	All Other Crops
Cotton	All Other Grops
Dried Shelled Pea and Bean Crop Subgroup 6C	

Potato	
Rapeseed Crop Subgroup 20A	
Soybean	
Sugarbeet	

- DO NOT apply more than 0.25 lb ai/Acre (115 g ai/Acre) per calendar year of mefenoxamor metalaxyl-containing products as a seed treatment on Dried Shelled Pea and Bean (Except Soybean) Crop Subgroup 6C.
- **DO NOT** apply more than 0.052 lb ai/Acre (23 g ai/Acre) per calendar year of mefenoxamor metalaxyl-containing products as a seed treatment on Soybean.

# 8.0 SEED TREATMENT DIRECTIONS

## 8.1 Soybean

Target Diseases	Use Rate (fl oz/100 lb seeds) (fl oz/140,000 seeds unit)	Use Rate (mg ai/seed)	Use Information
Seed rot/pre-emergence damping-off, post- emergence damping-off, and seedling blight caused by Fusarium, Pythium, and Rhizoctonia species  Seedling root rot caused by Fusarium species  Seed rot and seedling blight caused by seed- borne Phomopsis species  Early-season root rot caused by Phytophthora species	1.55 fl oz /100 lb seeds <sup>1</sup> 0.72 fl oz /140,000 seeds unit	TOTAL: 0.030 Fludioxonil: 0.0038 Sedaxane: 0.0038 Mefenoxam: 0.0227	<sup>1</sup> The fl oz rate provided is based on an average seed weight of 3,000 soybeans/lb. If treating seed with a different average seed weight, recalculate the appropriate fl oz/100 lb seed rate.

# $8.2\,$ Dried Shelled Pea and Bean, Crop Subgroup 6C

Crops	Target Diseases	Use Rate (fl oz/100 lb seed) (fl. oz/1000 seeds)	Use Rate (mg ai/seed)
DRIED SHELLED PEA  Select Pisum species field pea  Pigeon Pea (Cajanus cajan)	Seed-borne Ascochyta blight and foot rot caused by Ascochyta spp.  Seed rot/pre-emergence damping-off, post- emergence damping-off, and seedling blight caused by Fusarium, Pythium, and Rhizoctonia species  Seed rot and seedling blight caused by seed- borne Phomopsis species  Early-season root rot caused by Phytophthora species	1.55 fl oz /100 lb seeds 0.0080 fl oz/1000 seeds <sup>2</sup>	TOTAL: 0.047 <sup>2</sup> Fludioxonil: 0.0059 Sedaxane: 0.0059 Mefenoxam: 0.0353
Chickpea (garbanzo bean) (Cicer arietinum)	Seed-borne Ascochyta blight and foot rot caused by Ascochyta spp.  Seed rot/pre-emergence damping-off, post- emergence damping-off, and seedling blight caused by Botrytis, Fusarium, Pythium, and Rhizoctonia species  Seed rot and seedling blight caused by seed- borne Phomopsis species  Early-season root rot caused by Phytophthora species	1.55 fl oz /100 lb seed 0.0123 fl oz/1000 seeds <sup>2</sup>	TOTAL: 0.073 <sup>2</sup> Fludioxonil: 0.0091 Sedaxane: 0.0091 Mefenoxam: 0.0544

Crops	Target Diseases	Use Rate (fl oz/100 lb seed) (fl. oz/1000 seeds)	Use Rate (mg ai/seed)
<b>Lentil</b> (Lens esculenta)	Seed-borne Ascochyta blight and foot rot caused by Ascochyta spp.  Seed rot/pre-emergence damping-off, post- emergence damping-off, and seedling blight caused by Botrytis, Fusarium, Pythium, and Rhizoctonia species  Seed rot and seedling blight caused by seed- borne Phomopsis species  Early-season root rot caused by Phytophthora species	1.55 fl oz /100 lb seed 0.0015 fl oz /1000 seeds <sup>2</sup>	TOTAL: 0.009 <sup>2</sup> Fludioxonil: 0.0011 Sedaxane: 0.0011 Mefenoxam: 0.0064
All Lupinus species grain lupin sweet lupin white lupin white sweet lupin  Broad bean (fava bean, dry) (Vicia faba)  Guar  Lablab bean (hyacinth bean) (Lablab purpureus)	Seed rot/pre-emergence damping-off, post- emergence damping-off, and seedling blight caused by Fusarium, Pythium, and Rhizoctonia species  Seed rot and seedling blight caused by seed- borne Phomopsis species  Early-season root rot caused by Phytophthora species  Anthracnose caused by seed-borne Colletotrichum species	1.55 fl oz /100 lb seeds 0.0047 fl oz /1000 seeds <sup>2</sup>	TOTAL: 0.028 <sup>2</sup> Fludioxonil: 0.0035 Sedaxane: 0.0035 Mefenoxam: 0.0209

Crops	Target Diseases	Use Rate (fl oz/100 lb seed) (fl. oz/1000 seeds)	Use Rates (mg ai/seed)
Select Phaseolus species field bean kidney bean Lima bean (dry) navy bean pinto bean tepary bean Select Vigna species adzuki bean blackeyed pea catjang cowpea Crowder pea moth bean mung bean rice bean southern pea urd bean	Seed rot/pre-emergence damping-off, post- emergence damping-off, and seedling blight caused by Fusarium, Pythium, and Rhizoctonia species  Seed rot and seedling blight caused by seed- borne Phomopsis species  Early-season root rot caused by Phytophthora species  Anthracnose caused by seed-borne Colletotrichum species	1.55 fl oz /100 lb seeds 0.0123 fl oz /1000 seeds <sup>2</sup>	TOTAL: 0.073 <sup>2</sup> Fludioxonil: 0.0091 Sedaxane: 0.0091 Mefenoxam: 0.0544

<sup>&</sup>lt;sup>2</sup> Conversion to mg ai/seed and fl oz/1000 seeds are based on 1,930 pea seeds per pound, 1,250 chickpea seeds per pound, 10,600 lentil seeds per pound, 3,250 lupin seeds per pound and 1,250 bean seeds per pound. If the size of the seed to be treated differs greatly from these numbers, use the fl oz/100 lb of seed rate to calculate mg ai/seed and fl oz/1000 seeds to be applied.

## 9.0 STORAGE AND DISPOSAL

#### STORAGE AND DISPOSAL

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

#### **Pesticide Storage**

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

#### **Pesticide Disposal**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

#### **Container Handling (less than or equal to 5 gallons)**

**Non-refillable container.** Do not reuse or refill this container. Triple rinse or pressure 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 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 reconditioning, 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 or pressure 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 reconditioning, 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 reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

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

# 10.0 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.

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

Viton® is a registered trademark of E.I. DuPont de Nemours & Company, Inc.

©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

Vibrance Trio 1637 MAS 0919 AMEND 1120-CL – jeb – 11/18/2020 000100-1637.20201123.Vibrance.Trio.AMEND.NOV2020.CL.pdf

#### Chron:

Vibrance Trio XXXX MAS NEW – rk – 10-10-17.docx 000100-XXXXX.20171017.VIBRANCE.TRIO\_NEW\_1017.pdf

Vibrance Trio XXXX MAS NEW-B-HI – rk – 6-12-18.docx 000100-XXXXX.20171017B.VIBRANCE.TRIO\_NEW\_1017.HI.pdf

Vibrance Trio XXXX MAS NEW-C-HI – rk – 6-13-18.docx 000100-XXXXX.20171017C.VIBRANCE.TRIO NEW 1017.HI.pdf

Vibrance Trio XXXX MAS NEW-D-HI – rk – 6-13-18.docx 000100-XXXXX.20171017D.VIBRANCE.TRIO\_NEW\_1017.HI.pdf

Vibrance Trio XXXX MAS NEW-E-HI – rk – 6-18-18.docx 000100-XXXXX.20171017E.VIBRANCE.TRIO\_NEW\_1017.HI.pdf

Vibrance Trio XXXX MAS NEW-F-HI – rk – 6-20-18.docx 000100-XXXXX.20171017F.VIBRANCE.TRIO\_NEW\_1017.HI.pdf

Vibrance Trio XXXX MAS NEW-G-HI – rk – 6-21-18.docx 000100-XXXXX.20171017G.VIBRANCE.TRIO\_NEW\_1017.HI.pdf

Vibrance Trio XXXX MAS NEW-G-CL – rk – 6-21-18.docx 000100-XXXXX.20171017G.VIBRANCE.TRIO\_NEW\_1017.CL.pdf

Vibrance Trio 1637 MAS 0618 - mar - 4/4/19 docuproofed for accuracy.

Vibrance Trio 1637 MAS 0618 Amend 0918 Clean – rk – 9-19-18 000100-1637.20180905.Vibrance.Trio.AMEND.0918.CL.pdf

Vibrance Trio 1637 MAS 0919 - sb - 9/26/2019

Vibrance Trio 1637 MAS 0919 AMEND 1120-HI – jeb – 11/18/2020 000100-1637.20201123.Vibrance.Trio.AMEND.NOV2020.HI.pdf

Vibrance Trio 1637 MAS 0919 AMEND 1120-CL – jeb – 11/18/2020 000100-1637.20201123.Vibrance.Trio.AMEND.NOV2020.CL.pdf