THIABENDAZOLE	GROUP 1	FUNGICIDE
MEFENOXAM	GROUP 4	FUNGICIDE

SEDAXANE	GROUP 7	FUNGICIDE
FLUDIOXONIL	GROUP 12	FUNGICIDE

PULL HERE TO OPEN ►

Vibrance® Maxx Pulses RTA

syngenta®

Fungicide

A seed treatment product for protection against damage from listed soil- and seed-borne diseases of peas and beans.

Active Ingredients:	
Thiabendazole[1]	4.30%
Sedaxane[2]	1.43%
Mefenoxam[3]	1.07%
Fludioxonil[4]	0.71%
Other Ingredients:	92.49%
Total:	100.00%

[1]CAS No. 148-79-8
[2]CAS No. 874967-67-6
[3]CAS No. 70630-17-0 and CAS No. 69516-34-3
[4]CAS No. 131341-86-1

Vibrance Maxx Pulses RTA is a flowable concentrate for seed treatment containing 0.385 lb thiabendazole, 0.128 lb sedaxane, 0.096 lb mefenoxam, and 0.064 lb fludioxonil per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1657
EPA Est. 100-NE-001

SCP 1657A-L1A 0125
4227599

2.5 gallons

Net Contents

®

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1.0 FIRST AID

FIRST AID
Have the product container or label with you when calling a poison control center or doctor, or going for treatment
HOTLINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call **1-800-888-8372**

2.0 PRECAUTIONARY STATEMENTS

2.1 Hazards to Humans and Domestic Animals

CAUTION

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 made of barrier laminate, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, nitrile rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton™ ≥14 mils
- Shoes and 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 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 pesticide is toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.

2.3.1 NON-TARGET ORGANISM ADVISORY STATEMENT

This product may adversely impact non-target organisms feeding on treated seeds. Protect the non-target organisms by following label directions intended to minimize availability of treated seed to non-target organisms.

- Cover or collect treated seeds spilled during loading and planting in areas (such as in row ends).
- Dispose of all excess treated seed by burying seed away from bodies of water.

2.3.2 GROUNDWATER ADVISORY

This product 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.

This product 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.

2.3.3 SURFACE WATER ADVISORY

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having high potential for reaching surface water via runoff for several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of this product from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

DIRECTIONS FOR USE

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

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

Use is permitted on-farm and in commercial seed treatment facilities. Do not use for at-plant applications (e.g. hopper box, planter box, etc.). This product is to be applied as a water-based slurry through standard liquid-type seed treatment equipment. Seed treaters with atomizers or spinning discs are highly recommended for better product coverage on the seed.

Do not store at temperatures above 100°F.

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.

Maximum usage when applying multiple fludioxonil-, sedaxane-, and thiabendazole-containing products to the same crop within the same year: Do not apply more than the maximum yearly total application rate for each active ingredient as stated on the label of the product containing the lowest yearly total on that crop.

FAILURE TO FOLLOW DIRECTIONS 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), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

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

- Coveralls
- Chemical-resistant gloves made of 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

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 all crop seed when treated with Vibrance Maxx Pulses RTA.

3.0 PRODUCT INFORMATION

Vibrance Maxx Pulses RTA is a seed treatment product containing the active ingredients thiabendazole, sedaxane, mefenoxam and fludioxonil (fungicides). Vibrance Maxx Pulses RTA protects against damage from listed soil- and seed-borne diseases of peas and beans (except soybeans).

Refer to the Directions for Use section for approved crops and diseases controlled by Vibrance Maxx Pulses RTA.

3.1 Resistance Management

THIABENDAZOLE	**GROUP**	**1**	**FUNGICIDE**
MEFENOXAM	**GROUP**	**4**	**FUNGICIDE**
SEDAXANE	**GROUP**	**7**	**FUNGICIDE**
FLUDIOXONIL	**GROUP**	**12**	**FUNGICIDE**

For resistance management, please note that Vibrance Maxx Pulses RTA contains Group 1/thiabendazole, Group 4/mefenoxam, Group 7/sedaxane and Group 12/fludioxonil fungicides. Any fungal population may contain individuals naturally resistant to Vibrance Maxx Pulses RTA and other Group 1, 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.

Thiabendazole belongs to the methyl-benzimidazole carbamate class of chemistry which disrupts ß-tubulin assembly in mitosis. 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 Pulses RTA or other Group 1, 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 fungicides 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: Re-circulate Vibrance Maxx Pulses RTA thoroughly before using.

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

Apply Vibrance Maxx Pulses RTA as a water-based slurry through standard liquid-type seed treatment equipment that provides uniform seed coverage. Seed treaters with atomizers or spinning discs are highly recommended for better product coverage on the seed. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the specified amount of Vibrance Maxx Pulses RTA 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 Pulses RTA is compatible with several liquid inoculant products. Consult the maker of the inoculant product and a Syngenta representative for directions before applying Vibrance Maxx Pulses RTA 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 5.0 fl oz/100 lb of seed for all crops except chickpea. For chickpea, a total slurry volume of 8 fl oz/100 lb of seed is recommended. More diluent may be required to obtain 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 leftover slurry will be maintained overnight.

Vibrance Maxx Pulses RTA 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's specifications for use of talc or other hopper box additives at planting. Seed must be completely dry before adding to planter.

4.1 Tank Mixtures

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

Mixing Vibrance Maxx Pulses RTA with tank-mix partners: Add 1/2 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 Maxx Pulses RTA 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 USE RESTRICTIONS

- **Do not** allow children, pets, or livestock to have access to treated seed.
- Store treated seed away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves (made of barrier laminate, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, nitrile rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton ≥14 mils) when handling treated seed.
- Cover or collect treated seeds spilled during loading and planting in areas such as in row ends.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Dispose of all excess treated seed by burying seed away from bodies of water.

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- **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.
- Do not apply more than 0.041 lb ai/Acre (19 g ai/Acre) per calendar year of sedaxane-containing products as a seed treatment on Legume Vegetables (Succulent or Dried) Crop Group 6 (except soybeans).
- Do not apply more than 0.25 lb ai/A (115 g/A) per calendar year of mefenoxam- or metalaxyl-containing products as a seed treatment on Legume Vegetables (Succulent or Dried) Crop Group 6 (except soybeans).
- Do not apply more than 0.15 lb ai/Acre (68 g ai/A) per calendar year of thiabendazole-containing products regardless of the type of application.
- This seed has been treated with 2.5 g fludioxonil/100 kg seed, 3.75 g mefenoxam/100 kg seed, 5.0 g sedaxane/100 kg seed, and 15 g thiabendazole/100 kg seed.
- Make no more than 2 plantings of seed treated with Vibrance Maxx Pulses RTA per year.

6.0 ROTATIONAL CROP RESTRICTIONS

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

Plantback Interval Table

Immediate Plantback	Minimum 30-Day Plantback Interval
Cereals, Small Grain: Barley, Oat, Rye, Triticale, and Wheat Corn (Field, Pop, Seed, Sweet) Legume Vegetables (Succulent or Dried) Crop Group 6 Soybean	All Other Crops

Untreated foliage of legume vegetables from seeds treated with Vibrance Maxx Pulses RTA are covered by an EPA tolerance.

7.0 SEED CONTAINER 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 thiabendazole, sedaxane, mefenoxam and fludioxonil 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 Pulses RTA:

- Non-Target Organism Advisory Statement: This product may adversely impact non-target organisms feeding on treated seeds. Protect the non-target organisms by following label directions intended to minimize availability of treated seed to non-target organisms.
  - o Cover or collect treated seeds spilled during loading and planting in areas (such as in row ends).
  - o Dispose of all excess treated seed by burying seed away from bodies of water.
- 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.

- Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of mefenoxam from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.
- **Do not** allow children, pets, or livestock to have access to treated seed.
- Store treated seed away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves (made of barrier laminate, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, nitrile rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton ≥14 mils) when handling treated seed.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- **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.
- Do not apply more than 0.041 lb ai/Acre (19 g ai/Acre) per calendar year of sedaxane-containing products as a seed treatment on Legume Vegetables (Succulent or Dried) Crop Group 6 (except soybeans).
- Do not apply more than 0.25 lb ai/A (115 g/A) per calendar year of mefenoxam- or metalaxyl-containing products as a seed treatment on Legume Vegetables (Succulent or Dried) Crop Group 6 (except soybeans).
- Do not apply more than 0.15 lb ai/Acre (68 g ai/A) per calendar year of thiabendazole-containing products regardless of the type of application.
- This seed has been treated with 2.5 g fludioxonil/100 kg seed, 3.75 g mefenoxam/100 kg seed, 5.0 g sedaxane/100 kg seed, and 15 g thiabendazole/100 kg seed.
- Make no more than 2 plantings of seed treated with Vibrance Maxx Pulses RTA per year.
- In the event of crop failure or after harvest of a crop grown from seed treated with Vibrance Maxx Pulses RTA, the field may be replanted according to the following schedule:

Plantback Interval Table

Immediate Plantback	Minimum 30-Day Plantback Interval
Cereals, Small Grain: Barley, Oat, Rye, Triticale, and Wheat Corn (Field, Pop, Seed, Sweet) Legume Vegetables (Succulent or Dried) Crop Group 6 Soybean	All Other Crops

Untreated foliage of legume vegetables from seeds treated with Vibrance Maxx Pulses RTA are covered by an EPA tolerance.

8.0 SEED TREATMENT DIRECTIONS

8.1 Legume Vegetables (Succulent or Dried) Crop Group 6, Except Soybean

Bean (*Lupinus* spp.)
(grain lupin, sweet lupin, white lupin, white sweet lupin)
Bean (*Phaseolus* spp.)
(field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)
Bean (*Vigna* spp.)
(adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)
Broad bean (fava bean)
Chickpea (garbanzo bean)
Guar
Jackbean
Lablab bean (hyacinth bean)
Lentil
Pea (*Pisum* spp.)
(dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea)
Pigeon pea
Soybean (immature seed)
Sword bean

Target Diseases	Use Rate (fl oz/100 lb seed)	Use Rate (grams ai/100 kg seed)
Seed and soil-borne diseases caused by *Botrytis, Fusarium, Phomopsis, Pythium* and *Rhizoctonia* spp. Seed-borne Ascochyta blight and foot root caused by *Ascochyta* and *Phoma* spp. Seed-borne *Sclerotinia sclerotiorum* Anthracnose caused by seed-borne *Colletotrichum* spp.	**5.0**	Mefenoxam: 3.75 Fludioxonil: 2.5 Sedaxane: 5.0 Thiabendazole: 15

When to add Cruiser® 5FS, EPA Reg. No. 100-941 (thiamethoxam):

Vibrance Maxx Pulses RTA does not contain an insecticide. For protection from insect pests, Vibrance Maxx Pulses RTA may be mixed with Cruiser 5FS. Consult the product label for registered use rates and follow all label use instructions.

When to add additional Apron XL®, EPA Reg. No. 100-799 (mefenoxam):

If target fields have a history of high Phytophthora pressure, add the labeled rate of Apron XL as directed on the Apron XL label minus the equivalent amount in Vibrance Maxx Pulses RTA. The additional Apron XL may reduce compatibility with some rhizobia inoculants. Consult with the maker of rhizobia inoculants before adding the additional Apron XL.

For systemic downy mildew protection in all Peas (*Pisum* spp.), add the labeled rate of Apron XL minus the equivalent amount in Vibrance Maxx Pulses RTA.

When applied at 5.0 fl oz/100 lb of seed, Vibrance Maxx Pulses RTA provides the equivalent of 0.16 fl oz/100 lb of seed of Apron XL.

When to add additional Mertect® 340-F, EPA Reg. No. 100-889 (thiabendazole):

For heavy Ascochyta infections in field pea, pigeon pea and lentil add the labeled rate of Mertect 340-F minus the equivalent amount in Vibrance Maxx Pulses RTA for best protection. For heavy Ascochyta infections of chickpeas, add the labeled rate of Mertect 340-F as directed on the Mertect 340-F label minus the equivalent amount in Vibrance Maxx Pulses RTA. For best results against Ascochyta blight, plant chickpeas, peas or lentil seed treated with Mertect 340-F fungicide as late in the spring as possible.

When applied at 5.0 fl oz/100 lb of seed, Vibrance Maxx Pulses RTA provides the equivalent of 0.5 fl oz/100 lb of seed of Mertect 340-F.

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.

9.0 STORAGE AND DISPOSAL

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry, secure place. Do not store at temperatures above 100°F.

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

Pesticide Disposal

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

Container Handling (less than or equal to 5 gallons)

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

Container Handling (greater than 5 gallons)

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

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STORAGE AND DISPOSAL *(continued)*

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.

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 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.

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the SYNGENTA Logo and the PURPOSE ICON
are Trademarks of a Syngenta Group Company

Viton™ is a trademark of The Chemours Company FC, LLC

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For non-emergency (e.g., current product information),
Call Syngenta Crop Protection at
1-866-796-4368

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

SCP 1657A-L1A 0125
4227599

THIABENDAZOLE	GROUP	1	FUNGICIDE
MEFENOXAM	GROUP	4	FUNGICIDE
SEDAXANE	GROUP	7	FUNGICIDE
FLUDIOXONIL	GROUP	12	FUNGICIDE

Vibrance® Maxx Pulses RTA

Fungicide

A seed treatment product for protection against damage from listed soil- and seed-borne diseases of peas and beans.

Active Ingredients:

Thiabendazole[1]	4.30%
Sedaxane[2]	1.43%
Mefenoxam[3]	1.07%
Fludioxonil[4]	0.71%
Other Ingredients:	92.49%
Total:	100.00%

[1]CAS No. 148-79-8
[2]CAS No. 874967-67-6
[3]CAS No. 70630-17-0 and CAS No. 69516-34-3
[4]CAS No. 131341-86-1

Vibrance Maxx Pulses RTA is a flowable concentrate for seed treatment containing 0.385 lb thiabendazole, 0.128 lb sedaxane, 0.096 lb mefenoxam, and 0.064 lb fludioxonil per gallon.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-1657
EPA Est. 100-NE-001

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Manufactured for:
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P. O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1657A-L1A 0125
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(01) 0 07 02941 66447 0

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements and directions for use in booklet.

FIRST AID

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

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

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.

Environmental Hazards: This pesticide is toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.

Non-Target Organism Advisory Statement: This product may adversely impact non-target organisms feeding on treated seeds. Protect the non-target organisms by following label directions intended to minimize availability of treated seed to non-target organisms.

- Cover or collect treated seeds spilled during loading and planting in areas (such as in row ends).
- Dispose of all excess treated seed by burying seed away from bodies of water.

Groundwater Advisory: This product 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.

This product 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.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having high potential for reaching surface water via runoff for several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of this product from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry, secure place. Do not store at temperatures above 100°F. Store in original container only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

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

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

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

2.5 gallons

Net Contents

syngenta®