



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

100-1724

Date of Issuance:

11/5/25

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

A22417 ST

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection, LLC  
P. O. Box 18300  
Greensboro, NC 27419

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

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Submit one copy of the final printed label for the record before you release the product for shipment.

*Continues page 2*

Signature of Approving Official:

Digitally signed by Ideliz  
Negrón-Encarnación  
Date: 2025.11.05 13:46:59 -05'00'

Date:

11/5/25

Ideliz Negrón-Encarnación, Chief  
Invertebrate-Vertebrate Branch 2, Registration Division (7505T)

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 FIFRA 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) lists 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 these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Please note that the alternate brand name, "**Victrato**" has been added to the product record.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 08/13/2021
- Alternate CSF 1 dated 08/13/2021
- Alternate CSF 2 dated 08/13/2021

If you have any questions, please contact David Gardner at (202) 566-2677 or at [gardner.david@epa.gov](mailto:gardner.david@epa.gov).

Enclosure

{Note to reviewer: Text appearing in braces { } will not appear on the final label. Text appearing in parentheses ( ) will appear on the final label in parentheses. Text appearing in brackets [ ] is optional and may or may not appear on the final label.}

{Master Label}

[This product is not registered for sale, use, or distribution in Nassau and Suffolk counties in the state of New York.]

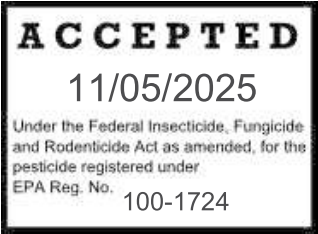
CYCLOBUTRIFLURAM	GROUP	N-3	NEMATICIDE
	GROUP	7	FUNGICIDE

**A22417 ST**

[Alternate Brand Name: Victrato®]

**Nematicide/Fungicide**

**TYMIRIUM® Technology\***



**Active Ingredient:**

Cyclobutrifluram** .....	41.7%
Other Ingredients:	58.3%
Total:	100.0%

*\*TYMIRIUM® technology denotes the Syngenta trademark for the active ingredient cyclobutrifluram*

*\*\*CAS No. 1460292-16-3*

A22417 ST is a flowable concentrate for seed treatment containing 4.17 lb cyclobutrifluram per gallon.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION/PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1724  
EPA Est.

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## 1.0 FIRST AID

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><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 product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>SYNGENTA HOTLINE 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>	

## 2.0 PRECAUTIONARY STATEMENTS

### 2.1 Hazards to Humans and Domestic Animals

#### CAUTION

Harmful if 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  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils, or Viton™  $\geq 14$  mils
- Shoes plus socks

### 2.3 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.

### 2.4 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. **IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other

handlers” and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown. Users must rinse extraction probes within the pesticide container prior to removal of the probes.

## 2.5 User Safety Recommendations

### Users should:

- 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.

## 2.6 Environmental Hazards

Cyclobutrifluram is toxic to oysters. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

### 2.6.1 Groundwater Advisory

This chemical 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.

### 2.6.2 Surface Water Advisory

This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having a high potential for reaching surface water via runoff 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 cyclobutrifluram 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.

## 2.7 Physical or Chemical Hazards

**DO NOT** mix or allow 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.

**This product must be used only by commercial seed-treatment facilities or with commercial seed-treatment equipment on farm. DO NOT use in hopper-box, planter-box, slurry-box, or other seed-treatment applications at or immediately before planting.**

**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. Notify state and/or federal authorities and Syngenta immediately if you observe any adverse environmental effects due to use of this product.

**FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY; POOR DISEASE AND/OR NEMATODE 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 12 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: barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils, or Viton  $\geq 14$  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 A22417 ST.

## 3.0 PRODUCT INFORMATION

A22417 ST is a seed treatment nematicide/fungicide which provides protection from listed seed- and soil-borne diseases of cotton and soybean. In soybean, A22417 ST is effective against listed plant parasitic nematodes as well as seed and seedling blight or damping-off caused by listed seed- and soil-borne *Fusarium* spp., including *Fusarium virguliforme*, the causal organism of Sudden Death Syndrome (SDS). A22417 ST also provides early-season suppression of Septoria Brown Spot (*Septoria glycines*), Frogeye Leaf Spot (*Cercospora sojina*) and Target Spot (*Corynespora cassicola*), and suppression of Red Crown Rot (*Calonectria iliciocola*). When used as part of an Integrated Pest Management system that includes tolerant cultivars and foliar fungicide application, A22417 ST suppresses White Mold (*Sclerotinia* stem rot) caused by *Sclerotinia sclerotiorum*.

In cotton, A22417 ST is effective against listed plant parasitic nematodes as well as cotton root rot (*Phymatotrichopsis omnivorum*) (suppression only). Where rate ranges are shown, use the higher listed rate when disease pressure is expected to be severe.

This product is to be applied as a water-based slurry through standard liquid-type seed-treatment equipment.

Read all label directions for use. All applications must be made according to the use directions that follow.

### 3.1 Resistance Management

For nematode resistance management, A22417 ST contains a Group N-3 nematicide. Any nematode population may contain individuals naturally resistant to A22417 ST and other Group N-3 nematicides. Resistant individuals may dominate the nematode population if this group of nematicides is used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay resistance:

- Rotate the use of A22417 ST or other Group N-3 nematicides within a growing season or the same field over several cycles with different groups that control the same pathogens.
- Use tank mixtures with nematicides from a different group that is effective on the target pathogen when such use is permitted.
- Nematicide use should be based on an integrated pest management (IPM) program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, nematode thresholds, as well as cultural, biological and other chemical control practices.



- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops 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.

For disease resistance management, A22417 ST contains a Group 7 fungicide. Any fungal population may contain individuals naturally resistant to A22417 ST and other Group 7 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.

When using TYMIRIUM technology as a seed treatment, apply a subsequent foliar application between R1 and R4 for full season disease control and resistance management. The subsequent foliar application should contain at least one fungicide mode of action from outside of group 7.

Cyclobutrifluram belongs to the carboxamide class of chemistry and is a succinate dehydrogenase inhibitor (SDHI) which disrupts cellular respiration and energy generation.

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

- Rotate the use of A22417 ST or other Group 7 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 crops and pathogens.
- For further information or to report suspected resistance contact Syngenta Crop Protection at 1-866-796-4368. You can also contact your university extension specialist to report resistance.

## 4.0 APPLICATION DIRECTIONS

**Important:** Re-circulate A22417 ST thoroughly before using.

The typical density of A22417 ST is 10.00 pounds per gallon. Consult the manufacturer of the application equipment you plan to use for suitability for this application and for instructions on operation and calibration of the equipment. Follow the manufacturer application instructions for the seed treatment equipment being used. Seed treaters with atomizers or spinning discs are highly recommended for better product coverage on the seed.

Certain crops require addition of inoculants when the seed is treated or planted. A22417 ST is compatible with several liquid inoculant products. Consult the manufacturer of the inoculant product and a Syngenta representative for directions before applying A22417 ST with inoculants.

Apply A22417 ST as a water-based slurry utilizing standard liquid-type commercial 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. A22417 ST does not control diseases caused by *Pythium* spp., *Phytophthora* spp. or *Rhizoctonia* spp. If these diseases are expected to be a problem, apply A22417 ST with other seed treatment products that contain picarbutrazox, sedaxane, mefenoxam and/or fludioxonil as active ingredients.

**This product must be used only by commercial seed treatment facilities or with commercial seed treatment equipment on farm. DO NOT use in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.**

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.

**Seed Treatment Dye Statement:** Seed treated with this product must be visually identifiable from untreated seed by the use of an approved colorant or dye to prevent accidental use of treated seed as food for humans or feed for animals. Refer to 21 CFR, Part 2.25. Any colorant or dye added to treated seed must be cleared for use in accordance with 40 CFR, Part 153.155(c).

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

When mixing A22417 ST with other seed treatment products, 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 A22417 ST with tank-mix partners: Add 1/2 of the required water to the mix tank and turn on the agitation.

Mechanical agitation is preferred. Follow WALES method for mixing order of seed treatment 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.

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.

**Cottonseed:** For additional control of certain seed- and soil-borne diseases, A22417 ST may be combined with a seed treatment product containing azoxystrobin, fludioxonil, mefenoxam, and sedaxane (e.g., Vibrance® CST). For additional Pythium protection, A22417 ST may be combined with picarbutrazox (Vayantis®).

**Soybean seed:** Additional protection from common seed-borne and soil-borne pathogens may be achieved by adding seed treatment products containing picarbutrazox, sedaxane, mefenoxam, azoxystrobin, fludioxonil and/or thiabendazole. A22417 ST may also be mixed with CruiserMaxx® APX (EPA Reg. No. 100-1690) fungicide/insecticide premix for protection from additional early-season diseases and insect pests.

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 RESTRICTIONS

- [Not registered for sale, use, and distribution by Nassau and Suffolk counties in the state of New York.]
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- Wear long-sleeved shirt, long pants, and chemical-resistant gloves when handling treated seed.
- **DO NOT** contaminate water bodies when disposing of planting equipment washwaters.
- **DO NOT** feed or harvest soybean hay, forage, and silage.
- For Cottonseed, **DO NOT** exceed 0.085 lb ai/A/year of cyclobutrifluram-containing products.
- For Soybean seed, **DO NOT** exceed 0.083 lb ai/A/year of cyclobutrifluram-containing products.
- Cyclobutrifluram treated seed may only be planted on the same acres once per year.
- **Groundwater Advisory:** Cyclobutrifluram 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 rainwater. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having a high potential for reaching surface water via runoff several months or more after application.
- In the event of crop failure or harvest of a crop grown from cyclobutrifluram treated seed, crops may be replanted according to the following schedule:

ROTATIONAL CROP PLANT BACK INTERVALS		
Immediate Plant Back	Minimum 120-Day Plant Back	Minimum 365-Day Plant Back
Cotton Romaine Lettuce Soybean	Cereal Grains (Crop Group 15-22)	All other crops

- This product must be used only by commercial seed treatment facilities or with commercial seed treatment equipment on farm. **DO NOT** use in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

## 6.0 USE OF TREATED SEED

### 6.1 Use of On-Farm Treated Seed (when treated seed are not for sale or distribution)

Treated seed sold or distributed for a use not permitted by the following labeling does not qualify as an exempted treated article under 40 CFR 152.25(a) and is therefore sale or distribution of an unregistered pesticide, pursuant to FIFRA section 12.

- Store treated seed away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seed.
- Treated seed are for planting purposes only. Do not use for food, feed, or oil purposes. Do not use for fuel or ethanol production purposes.
- Do not plant treated seed by broadcasting to the soil surface. Ensure that all planted seed are thoroughly incorporated by the planter during planting. Additional incorporation may be required to thoroughly cover exposed seed.
- Treated seed exposed on the soil surface may be hazardous to wildlife. Cover or collect treated seed spilled during loading and planting including in row ends.
- Manage excess treated seed (e.g., spilled, unused, or expired treated seed) by one or more of the following methods:
  - Collect excess treated seed for reuse for planting.
  - Bury excess treated seed (only allowed if totaling 1 pound or less) at least 30 feet away from bodies of water at a depth of 6 inches or double the planting depth, whichever is greater.
  - Dispose of excess treated seed by placing them in a landfill in accordance with applicable laws in your state.
  - Excess treated seed may be returned to the supplier if permitted by the state.
- Do not contaminate bodies of water when disposing of equipment wash water.
- **Advisory Dust-Reducing Technique:** The use of seed flow lubricants or polymer coatings may help decrease the amount of dust released during planting. Follow the recommendations of the planter manufacturer regarding the use of seed flow lubricants.

## 6.2 Use of Seeds Treated in Commercial Facilities Or On-Farm and Are Intended To Be Sold Or Distributed After Treatment - Seed Bag Labeling Requirements

Bags containing treated seed shall be labeled with the following statements listed in Section 6.3. Any seed treated with A22417 ST that is sold or distributed without the statements listed in Section 6.3 or that is sold or distributed for a use not permitted by the following labeling does not qualify as an exempted treated article under 40 CFR 152.25(a) and is therefore sale or distribution of such seed would be sale or distribution of an unregistered pesticide, pursuant to FIFRA section 12(a)(1)(A).

## 6.3 Treated Seed Product – Required Seed Bag Labeling Instructions that Go on the Seed Bag Tag

- This seed has been treated with cyclobutrifluram nematicide/fungicide.
- Do not use for food, feed, or oil purposes.

This seed has been treated with A22417 ST (100-1724) containing cyclobutrifluram. **Any seed treated with A22417 ST that is sold or distributed for a use not permitted by the following labeling does not qualify as an exempted treated article under 40 CFR 152.25(a) and is therefore sale or distribution of an unregistered pesticide, pursuant to FIFRA section 12(a)(1)(A).**

- The contents of this bag are for planting purposes only. Do not use for fuel or ethanol production purposes.
- Store treated seed away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seed.
- Do not plant treated seed by broadcasting to the soil surface. Ensure that all planted seed are thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seed.
- Treated seed exposed on the soil surface may be hazardous to wildlife. Cover or collect treated seed spilled during loading and planting (such as in row ends).
- Manage excess treated seed (e.g., spilled, unused, or expired treated seed) by one or more of the following methods:
  - Collect excess treated seed for reuse for planting.
  - Bury excess treated seed (only allowed if totaling 1 pound or less) at least 30 feet away from bodies of water at a depth of 6 inches or double the planting depth, whichever is greater.
  - Dispose of excess treated seed by placing them in a landfill in accordance with applicable laws in your state.
  - Excess treated seed may be returned to the supplier if permitted by the state.
- Do not contaminate bodies of water when disposing of equipment wash water.
- Dispose of seed packaging or containers in accordance with local requirements.

**Advisory Dust-Reducing Technique:** The use of seed flow lubricants or polymer coatings may help decrease the amount of dust released during planting. Follow the recommendations of the planter manufacturer regarding the use of seed flow lubricants.

## 7.0 Seed Treatment Directions

### 7.1 Cottonseed [Not Registered for Use by California] [Not Registered for Use by New York]

Crops			
Cottonseed			
Target Disease/Pest	Use Rate*		Notes
	fl oz product /100 lb seed	mg ai/seed	
<p><i>Suppression only:</i> Cotton Root Rot (<i>Phymatotrichopsis omnivorum</i>)</p> <p>Plant-parasitic Nematodes: Root Knot (<i>Meloidogyne incognita</i>) Reniform (<i>Rotylenchulus reniformis</i>) Lesion (<i>Pratylenchus</i> spp.) Lance (<i>Hoplolaimus</i> spp.) Sting (<i>Belonolaimus</i> spp.)</p>	7.67-13.80	0.25-0.45	For additional fungicidal control on Cottonseed, A22417 ST may be mixed with Vibrance CST
*Based on an average seed weight of 4,500 cotton seeds/lb			
<b>Resistance Management:</b> Refer to Section 3.1.			
USE RESTRICTIONS			
<ul style="list-style-type: none"> <li>• <b>Maximum Annual Plantings:</b> 1</li> <li>• <b>Maximum Annual Use Rate:</b> <b>DO NOT</b> exceed 2.62 fl oz of A22417 ST/A/year (0.085 lb ai/A/year) as a seed treatment.</li> <li>• <b>DO NOT</b> exceed 0.085 lb ai/A/year of cyclobutrifluram-containing products.</li> <li>• <b>Sections 4.0, 4.1, 5.0, and 6.0</b> contain additional product use restrictions.</li> </ul>			

## 7.2 Soybean Seed [Not Registered for Use by California]

Crops		
Soybean seed		
Target Disease/Pest	Use Rate*	
	fl oz product	mg ai/seed
Sudden Death Syndrome ( <i>Fusarium virguliforme</i> )  <i>Early Season Suppression only:</i> Septoria Brown Spot ( <i>Septoria glycines</i> ) Frogeye Leaf Spot ( <i>Cercospora sojina</i> ) Target Spot ( <i>Corynespora cassiicola</i> )  <i>Suppression only:</i> Red Crown Rot ( <i>Calonectria iliciocola</i> )  Plant-Parasitic Nematodes: Soybean Cyst ( <i>Heterodera glycines</i> ) Root Knot ( <i>Meloidogyne incognita</i> ) Reniform ( <i>Rotylenchulus reniformis</i> ) Lesion ( <i>Pratylenchus</i> spp.) Lance ( <i>Hoplolaimus</i> spp.)	1.52 fl oz/ 100 lbs soybean seed  0.714 fl oz/ 140,000 soybean seed	0.075
*Based on an average seed weight of 3,000 soybean seed/lb		
<b>Resistance Management:</b> <ul style="list-style-type: none"> <li>Refer to Section 3.1.</li> </ul>		
ADDITIONAL INFORMATION		
<ul style="list-style-type: none"> <li>When used as part of an Integrated Pest Management system that includes tolerant cultivars and foliar fungicide application, A22417 ST suppresses White Mold (<i>Sclerotinia stem rot</i>) caused by <i>Sclerotinia sclerotiorum</i>.</li> </ul>		
USE RESTRICTIONS		
<ul style="list-style-type: none"> <li><b>Maximum Annual Plantings: 1</b></li> <li><b>Maximum Annual Use Rate: DO NOT</b> exceed 2.54 fl oz of A22417 ST/A/year (0.083 lb ai/A/year).</li> <li><b>DO NOT</b> exceed 0.083 lb ai/A/year of cyclobutrifluram-containing products.</li> <li><b>DO NOT feed or harvest soybean hay, forage, and silage.</b></li> <li><b>Sections 4.0, 4.1, 5.0, and 6.0</b> contain additional product use restrictions.</li> </ul>		



## 8.0 STORAGE AND DISPOSAL

### STORAGE AND DISPOSAL

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

#### Pesticide Storage

Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

#### Pesticide Disposal

Pesticide wastes may be 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 of 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. Add water – at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume – and recap. Shake for 30 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. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water. Then offer for recycling if available or puncture and dispose of in a sanitary landfill 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. Add water – at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 60 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. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water. Then offer for recycling if available or puncture and dispose of in a sanitary landfill 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 the container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of

the refiller. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Add water – at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume. Replace and tighten closure. Agitate vigorously or recirculate the rinsate with a pump for at least 2 minutes, ensuring that the rinsate rinses the walls of the container. Empty the rinsate into application equipment or rinsate collection system, for later use or disposal. Repeat this procedure two more times. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

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

## 9.0 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.

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