



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

October 8<sup>th</sup> 2025

Cathy Mazo  
Regulatory Manager  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, NC 27419

Subject: Label Amendment - Registration Review Mitigation for Abamectin  
Product Name: AVICTA 500 FS  
EPA Registration Number: 100-1204  
Case Number: 476196  
Application Dates: October 3, 2019

Dear Cathy Mazo:

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 Abamectin Interim Decision, 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 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 Caleb Carr by phone at 202-566-0636, or via email at [carr.caleb@epa.gov](mailto:carr.caleb@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'M. K. Muhammad-Perch', with a long, sweeping horizontal line extending to the right.

Maryam K. Muhammad-Perch, Team Lead  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

# RESTRICTED USE PESTICIDE

DUE TO ACUTE INHALATION TOXICITY.

FOR SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

ABAMECTIN GROUP 6 INSECTICIDE

## Avicta® 500 FS

Nematicide

A Seed Treatment Product to Protect Cotton, Corn Grown for Seed, Field Corn, Popcorn, Soybean, and Sweet Corn Seedlings from Early Season Nematode Damage

For use only in Syngenta-certified seed treatment facilities and only in seed treatment equipment with closed transfer and application systems. Not for use in hopper box, planter box, slurry box, or other farmer-applied applications.

Active Ingredient:

Abamectin (CAS No. 71751-41-2).....46.3%\*

Other Ingredients: 53.7%

Total: 100.0%

\* Avicta 500 FS is a flowable concentrate containing 4.17 lb abamectin per gal.

KEEP OUT OF REACH OF CHILDREN.



**DANGER / POISON**  
**PELIGRO / TOXICO**  
**POISON**

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 in booklet.

EPA Reg. No. 100-1204  
EPA Est. XXXX

Net Contents

**ACCEPTED**

10/08/2025

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 100-1204

<b>FIRST AID</b>	
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<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>
<p style="text-align: center;"><b>NOTE TO PHYSICIAN</b></p> <p>Early signs of intoxication include dilation of pupils, muscular incoordination, and muscular tremors. Toxicity following accidental ingestion of this product can be minimized by early administration of chemical adsorbents (e.g., activated charcoal).</p> <p>If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms, and measurements.</p> <p>In severe cases, observations should continue for at least several days until clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p style="text-align: center;"><b>SYNGENTA HOTLINE NUMBER</b></p> <p style="text-align: center;">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></p>	

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## PRECAUTIONARY STATEMENTS

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### Hazards to Humans and Domestic Animals



**DANGER / POISON**  
**PELIGRO / TOXICO**  
**POISON**

Fatal if inhaled. Do not breathe vapors. May be fatal if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. 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.

This product must be used only in seed treatment equipment with closed transfer application systems.

The following personal protective equipment and clothing are required when using this product:

### Personal Protective Equipment (PPE)

#### Seed Treatment Workers

**Workers involved with treating the seed (e.g. connecting and disconnecting hoses and transfer pumps, mixing, equipment calibration, etc.) must wear:**

- Chemical-resistant gloves made of: 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
- Protective eyewear
- Coveralls worn over long-sleeved shirt and long pants
- Chemical-resistant apron
- Shoes and socks
- A minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

**Workers involved in packaging - baggers, bag sewers, bag stackers or workers involved in filling, closing, and handling seed containers must wear:**

- Chemical-resistant gloves made of: 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
- Protective eyewear
- Coveralls worn over long-sleeved shirt and long pants
- Shoes and socks
- A minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

**Workers involved with the clean-up and maintenance of seed treatment equipment must wear:**

- Chemical-resistant gloves (minimum length 12 inches) made of: 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. Important: Tape gloves down to the sleeves of the coveralls.
- Protective eyewear
- Chemical-resistant, hooded coveralls worn over long-sleeved shirt and long pants
- Shoes and socks
- A minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and combination N, R or P filters; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air purifying respirator with OV cartridges and combination HE filters.

**Multiple Task Workers must wear:**

(Multiple task workers perform multiple tasks in one day such as mixing, product application, bagging, bag sewing, and clean-up.)

- Chemical-resistant gloves made of: 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. Important: When performing seed treatment equipment clean-up procedures, gloves must be at least 12 inches long and taped down to the sleeves of the coveralls.
- Protective eyewear
- Long-sleeved shirt and long pants
- When performing seed treatment equipment clean-up procedures, chemical-resistant, hooded coveralls over long-sleeved shirt and long pants are required.
- Shoes and socks

- A minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

## **Environmental Hazards**

This pesticide is toxic to fish and wildlife. Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect seeds spilled during loading. Do not contaminate water when disposing of equipment washwater or rinsate.

Abamectin is highly toxic to bees exposed to direct treatment or residues in blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.



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## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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**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.

## DIRECTIONS FOR USE

### RESTRICTED USE PESTICIDE

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

#### RESTRICTIONS:

Avicta 500 FS is for use only in Syngenta-certified seed treatment facilities using closed transfer and application equipment. Use in hopper box, planter box, slurry box, or other farmer-applied applications is not permitted.

- 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. Conduct germination tests with a representative sample of the seed lot before committing the total seed lot to a selected seed treatment. Because seed quality and seed storage conditions are beyond the control of Syngenta, no claims are made to guarantee the germination of seed or propagating material for all crops.
- 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 man 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 180.920. Refer to the section on this label **REQUIRED SEED CONTAINER STATEMENTS** for language that must appear on the label that is attached to the bag of treated seed.

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#### PRODUCT INFORMATION

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To provide cotton, corn grown for seed, field corn, popcorn, sweet corn, and soybean seedlings early-season protection from nematode damage, apply Avicta 500 FS to the seed of these crops. To add early-season insect and disease protection, the seed treatment fungicides and insecticides specified in the Crop Use Directions can be mixed with Avicta 500 FS and applied to these seed.

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## RESISTANCE MANAGEMENT

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For resistance management, Avicta 500 FS contains abamectin, a Group 6 insecticide. Any insect population may contain individuals naturally resistant to Avicta 500 FS and other Group 6 insecticides. The resistant individuals may dominate the insect population if these insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

Abamectin belongs to the avermectin class of chemistry which affects nerves and muscles.

To delay insecticide resistance, take the following steps:

- Rotate the use of Avicta 500 FS or other Group 6 insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers 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 the specific site and pest problems in your area.

Syngenta encourages responsible product stewardship to ensure effective long term control of the insect pests on this label.

**For additional information on Insect Resistance Management:**


- Contact Syngenta representatives at 1-866-796-4368.
- Contact your local Cooperative Extension Service specialist, pest control advisor, or certified crop advisor.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at:  
<http://www.irac-online.org>

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## REQUIRED SEED CONTAINER STATEMENTS

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The Federal Seed Act requires that bags containing Avicta 500 FS-treated seeds must be labeled with the following statements:

- “**Danger -- Poison** 

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing Avicta 500 FS-treated seed.

- Store treated seed away from feed and foodstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Wear long-sleeved shirt, long pants, and chemical-resistant gloves made of: 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 when handling treated seed.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Do not use at a rate that will result in more than 0.033 lb of abamectin (15.0 g ai) as a corn seed treatment application, 0.03 lb abamectin (13.6 g ai) as a cotton seed treatment application, or 0.082 lb abamectin (37.4 g ai) as a soybean seed treatment application per acre per calendar year.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds that are spilled during loading and in areas such as row ends.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Do not contaminate bodies of water when disposing of planting equipment washwater.
- Dispose of seed packaging in accordance with local requirements.
- After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. **Exception:** Once the seeds are planted into soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.
- This seed has been treated with xx mg ai/seed of abamectin.
- Excess treated seed may be used for ethanol production only if, 1) by-products are not used for livestock feed, and 2) no measurable pesticides remain in ethanol by products that are used for agronomic practice.
- Do not re-use bags from treated seed to handle food or feed products.
- **Pollinator Precautions:** Abamectin is highly toxic to bees exposed to direct treatment or residues in blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.
- Do not contaminate water when disposing of equipment wash water.
- Plant Avicta 500 FS-treated seed based upon the local planting dates and soil temperatures that are recommended by your state agricultural extension service.

In areas with a history of high nematode populations, a soil fumigant is recommended.

- In limited areas birds, such as Sand Hill Cranes, have been known to damage early, developing corn seedlings. Some seed-applied or hopper box-applied bird repellents have been shown to be effective in reducing this damage. In fields where seedling damage is expected, use of an approved bird repellent should be considered.

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## MIXING AND APPLICATION INSTRUCTIONS

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- Consult the Syngenta Seed Treatment representative or the manufacturer of the application equipment you plan to use regarding the suitability of this application, equipment calibration, and operating instructions.
- Always treat seed in a well-ventilated area. Refer to the **Precautionary Statements** section of this label for personal protective equipment requirements and other safety precautions.
- Prepare no more mixture than is needed for the immediate operation.
- Apply Avicta 500 FS and its tank mix products as a water-based slurry utilizing standard slurry seed treatment equipment that will provide uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of nematode, insect, or disease control.
- Thoroughly mix the Avicta 500 FS and any other recommended seed treatment products with the amount of water required for the slurry treater and the dilution rate. (See **Avicta 500 FS in Tank Mixtures.**)
- Allow seed to dry before bagging/filling containers and store treated seed away from feed and foodstuffs.

### Avicta 500 FS Alone:

1. To dispense Avicta 500 FS into a mix tank, first attach a pump with fittings (example: Micro Matic) that match the fittings on the Avicta 500 FS container.
2. Recirculate product. Recirculation time should be calculated based upon the ability of the pump to completely recirculate the volume of the tank 5-10 times within a 30-minute time period.
3. After the initial recirculation, a short recirculation period of 5 minutes per day is recommended.
4. Attach the dispensing hose to a dry-lock type of fitting that is permanently attached to the mix tank lid.
5. Add  $\frac{1}{4}$ - $\frac{1}{2}$  of the required amount of water to the mix tank.
6. With the agitator running, add the Avicta 500 FS to the tank.
7. Continue agitation while adding the remainder of the water.
8. Begin application of the solution after the Avicta 500 FS has completely dispersed into the mix water.
9. Maintain agitation until all of the mixture has been applied.

### **Avicta 500 FS in Tank Mixtures:**

It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture (for example, first aid from one product, spray drift management from another).

If using Avicta 500 FS in a tank mixture with other seed treatment products,

- Confirm that the tank mix product is approved for the uses that are on the Avicta 500 FS label.
- Do not mix this product with any product that prohibits such mixing.
- Compare all of the product labels and follow the most restrictive directions for use, dilution ratios, label precautions, limitations, and all applicable laws that appear on the tank mix partner's label.
- Do not exceed the maximum application rate on any of these labels.

### **Tank Mixing Instructions**

- 1) Add 1/2 of the required water to the mix tank and turn on the agitation.  
Mechanical agitation is preferred.
- 2) If using wettable powders and/or products in water-soluble packaging, add water-soluble packages first to clean water and allow them to completely disperse before adding Avicta 500 FS or other products.
- 3) Allow each tank mix partner to completely disperse before adding the next product.
- 4) Add the remaining amount of water and agitate.
- 5) Maintain agitation until the entire slurry mixture has been used.



## SEED APPLICATION DIRECTIONS

### Avicta 500 FS on Corn Seed

To provide the seedlings of corn grown for seed, field corn, popcorn, and sweet corn early-season protection against nematode damage, Avicta 500 FS may be applied to the seed as specified in the following table. To add early-season insect and disease protection Avicta 500 FS may be mixed with the products specified in the following table.

**Important:** In order to minimize dust off and loss of active ingredient from treated seed, all corn seed treated with Avicta 500 FS must receive an application of a dust reducing agent. Contact Syngenta for specific recommendations to ensure acceptability of the dust-reducing agent with respect to retention of the active ingredient, seed germination and viability, and compatibility with other treatments that might be applied to the seed.

Pest/Disease	Amount of Product to Apply	Instructions
<b>Nematodes</b>	Apply Avicta 500 FS at the rate needed to achieve:  0.20 – 0.25 mg abamectin per seed	<ul style="list-style-type: none"> <li>To control early-season nematodes, apply the amount of Avicta 500 FS specified in the center column.</li> <li>Use the higher rates if seed will be planted in areas where heavy nematode pressure is known to occur.</li> </ul> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>1 fl oz of Avicta 500 FS contains 14.79 grams of abamectin</li> <li>The typical density of Avicta 500 FS is 9.01 lb/gal</li> </ul>
<b>Disease &amp; Insect Protection – Early-Season</b>	To add early-season disease and insect protection, treat corn seed with a mixture of Avicta 500 FS plus Apron XL <sup>®</sup> , Cruiser <sup>®</sup> 5FS, Dynasty <sup>®</sup> , and/or Maxim <sup>®</sup> XL. Follow complete label directions on all products used to treat seeds.	

## Avicta 500 FS on Cottonseed

To provide cotton seedlings early-season protection against nematode damage, Avicta 500 FS may be applied to the seed as specified in the following table. To add early-season insect and disease protection Avicta 500 FS may be mixed with the products specified in the following table.

**Important:** In order to minimize dust off and loss of active ingredient from treated seed, all cottonseed treated with Avicta 500 FS must receive an application of a dust reducing agent. Contact Syngenta for specific recommendations to ensure acceptability of the dust-reducing agent with respect to retention of the active ingredient, seed germination and viability, and compatibility with other treatments that might be applied to the seed.

Pest/Disease	Amount of Product to Apply	Instructions
<b>Nematodes</b>	<p>Apply Avicta 500 FS at the rate needed to achieve:</p> <p>0.10– 0.15 mg abamectin per seed</p>	<ul style="list-style-type: none"> <li>To control early-season nematodes, apply the amount of Avicta 500 FS specified in the center column.</li> <li>Use the higher rates if seed will be planted in areas where heavy nematode pressure is known to occur.</li> </ul> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>1 fl oz of Avicta 500 FS contains 14.79 grams of abamectin</li> <li>The typical density of Avicta 500 FS is 9.01 lb/gal</li> </ul>
<b>Disease &amp; Insect Protection – Early-Season</b>	<p>To add early-season disease and insect protection, treat cottonseed with a mixture of Avicta 500 FS plus Cruiser 5FS* and Dynasty CST. Follow complete label directions on all products used to treat seeds.</p>	

\*For use only on seed of delinted cotton

## Avicta 500 FS on Soybean Seed

To provide soybean seedlings early-season protection against damage from nematodes, including Soybean Cyst nematode, apply Avicta 500 FS to soybean seed as specified in the following table.

### Use Restrictions

- Do not apply more than 177 gallons of this product per 8-hour day.
- In order to minimize dust off and loss of active ingredient from treated seed, all soybean seed treated with Avicta 500 FS must receive an application of a dust reducing agent. Contact Syngenta for specific recommendations to insure acceptability of the dust-reducing agent with respect to retention of the active ingredient, seed germination and viability, and compatibility with other treatments that might be applied to the seed.

To add early-season insect and disease protection mix Avicta 500 FS with the specified insecticide and fungicide products that are also listed in this table.

Pest/Disease	Amount of Product to Apply	Instructions
<b>Nematodes including Soybean Cyst nematode</b>	Apply Avicta 500 FS at the rate needed to achieve:  0.10 – 0.15 mg abamectin per seed	<ul style="list-style-type: none"> <li>• To control early-season nematodes, apply the amount of Avicta 500 FS specified in the center column.</li> <li>• Use the higher rates if seed will be planted in areas where heavy nematode pressure is known to occur.</li> </ul> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• 1 fl oz of Avicta 500 FS contains 14.79 grams of abamectin</li> <li>• The typical density of Avicta 500 FS is 9.01 lb/gal</li> </ul>
<b>Disease &amp; Insect Protection – Early-Season</b>	To add early-season disease and insect protection, treat soybean seed with a mixture of Avicta 500 FS plus ApronMaxx® brands, Apron XL, Cruiser 5FS, CruiserMaxx® and/or Maxim 4 FS. Follow complete label directions on all products used to treat seeds.	

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## CLEANING SEED TREATMENT EQUIPMENT

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Do not use compressed air hoses to remove the dust from the seed treating equipment or the area around the equipment; use a central vacuum system or a HEPA filter portable vacuum cleaner.

### STORAGE AND DISPOSAL

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

#### **Pesticide Storage**

Store in a cool, dry place.

#### **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**

**Nonrefillable Container. Do not reuse or refill this container.**

Syngenta's authorized agent will pick up the empty container and handle its disposal. Contact Syngenta or its authorized agent to make arrangements for this service and store empty container in a secure area until pick up.

Triple rinse the container as follows: Empty the remaining contents into application equipment or mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other side and tip it back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later disposal. Repeat this procedure two more times. Then contact Syngenta or its authorized agent for disposal.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean-up immediately. Take special care to avoid contamination of equipment and facilities during clean-up procedures and disposal of wastes.

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

Apron XL<sup>®</sup>, ApronMaxx<sup>®</sup>, Avicta<sup>®</sup>, Cruiser<sup>®</sup>, CruiserMaxx<sup>®</sup>, Dynasty<sup>®</sup>, Maxim<sup>®</sup> the ALLIANCE FRAME, the SYNGENTA Logo, and the PURPOSE ICON are Trademarks of a Syngenta Group Company

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

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