

# NET CONTENTS: 25 FLUID OUNCE

**AVEO® EZ NEMATICIDE IS A BIOLOGICAL SEED TREATMENT THAT PROVIDES PROTECTION AGAINST LISTED PLANT PARASITIC NEMATODES.**



Active Ingredient	By Wt
<i>Bacillus amyloliquifaciens</i> strain PTA-4838* .....	16.5%
Other Ingredients .....	83.5%
Total	100.0%

\*Contains a minimum of  $5.1 \times 10^{10}$  CFU/gram of active ingredient.

EPA Reg. No. 59639-220 EPA Est. 33762-IA-1

**KEEP OUT OF REACH OF CHILDREN**



## FIRST AID

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Valent at 1-800-892-0099 for 24 hour emergency medical treatment information.

## PRECAUTIONARY STATEMENTS

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Socks and shoes

**Mixers/loaders and applicators must wear:** a NIOSH-approved particulate respirator with any N, P or R filter with NIOSH approval number prefix TC-84A or a NIOSH-approved powered air purifying respirator with a HE filter with NIOSH approval number prefix TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

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

**Engineering 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 170.607(d), (e), and (f)], 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.

## **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 clothing/PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

## **ENVIRONMENTAL HAZARDS**

For terrestrial uses: Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

## **DIRECTIONS FOR USE**

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

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

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 State or Tribal agency responsible for pesticide regulation.

## **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

**Exception:** If the product (treated seeds) is soil-incorporated (planted), 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.

For early entry into 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, wear: coveralls and shoes plus socks.

## **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treatment area until seeds have dried or been packaged.

## APPLICATION INSTRUCTIONS

### RESTRICTIONS

Aveo® EZ Nematicide must be used only in accordance with use instructions on this label utilizing commercial liquid, slurry or mist-type seed treating equipment, provided that the equipment can be calibrated to accurately and uniformly apply the product to the seed. This product is for both commercial and on-farm application. Do not apply this product in a hopper box or planter box at planting time. Always mix product thoroughly before use.

As stated by regulations specified in 40 CFR 153.155, all seed treated with Aveo EZ Nematicide must be colored with an EPA-approved dye or colorant to visually distinguish seed is treated with a pesticide. It is mandatory that such dye or colorant be added into the slurry mixture containing Aveo EZ Nematicide, prior to application. This regulation is necessary to prevent treated seed from accidental use as a food for man or feed for animals.

### SEED QUALITY AND STORAGE OF TREATED SEED

Seed treatments applied to low vigor or poor-quality seed or to mechanically damaged seed may result in loss of seed germination or reduced seedling vigor. To verify seed safety, treat a small portion of seed with the desired slurry mixture (Aveo EZ Nematicide alone or in combination with other commercial seed treatment products) prior to treatment of an entire seed lot. Utilize standard seed germination methodologies to determine and verify seed safety. Use proper storage conditions for treated seed. Due to seed quality and seed storage conditions beyond the control of Valent U.S.A. LLC, no claims are made to guarantee the germination of carry-over treated seed.

### SEED BAG TAG

The Federal Seed Act requires that the containers of seed treated with Aveo EZ Nematicide must be labeled with the following statements:

- This seed has been treated with Aveo EZ Nematicide that contains *Bacillus amyloliquefaciens* Strain PTA-4838.
- Do not use for food, feed or oil purposes.

- Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting.

In addition, the U.S. Environmental Protection Agency requires the following statements on the containers of seed treated with *Aveo* EZ Nematicide:

- Store treated seed away from foods and feedstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Wear long-sleeved shirt, long pants and protective gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting (such as in row ends).
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Dispose of seed packaging or containers in accordance with local requirements.

### **APPLICATION DIRECTIONS**

Accurate application of *Aveo* EZ Nematicide to seed is required for best performance. Apply as a water-based suspension of adequate volume to distribute product uniformly over seed surface area. The volume of suspension will vary according to seed type and whether companion seed treatments are used.

Thoroughly pre-mix *Aveo* EZ Nematicide with 1/2 to 2/3 of the desired final volume of water to assure a uniform suspension, then add the remaining required water for proper slurry volume and mix until uniform.

To verify compatibility with other seed treatment products, pre-test tank mixtures to evaluate formulation and proper physical compatibility of products. When tank mixing this product, observe the most restrictive limitations and precautions listed on the tank mix partner labels.

## SEED TREATMENT APPLICATION RATES

### Soybean Not for Use in California

<b>Pests</b>	<b><i>Aveo</i> EZ Nematicide Application Rate</b>
Reniform Nematode Root Knot Nematode Soybean Cyst Nematode	0.1 fl oz per 140,000 seeds

# STORAGE AND DISPOSAL

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

## **PESTICIDE STORAGE**

Store in a cool, dry place away from excessive heat.

Store in original container away from feed and food.

Do not store in direct sunlight and keep away from heat sources.

Not for use or storage around the home.

To close package, replace and tighten cap to form an airtight seal.

## **PESTICIDE DISPOSAL**

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

## **CONTAINER HANDLING**

Nonrefillable container. Do not reuse or refill this container. Clean container 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.



**DISCLAIMER, RISKS OF USING THIS PRODUCT,  
LIMITED WARRANTY  
AND LIMITATION OF LIABILITY**

**IMPORTANT:** Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable **THEN DO NOT USE THE PRODUCT**; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

**RISKS OF USING THIS PRODUCT**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests, and resistance of the target pest to this product. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, **THEN THIS PRODUCT SHOULD NOT BE APPLIED.** By applying this product, Buyer acknowledges and accepts these inherent unintended risks **AND AGREES THAT, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.**

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To the extent consistent with applicable law, Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. To the extent consistent with applicable law, Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

### **LIMITED WARRANTY**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used in accordance with the label **and subject to the Risks of Using This Product as described above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

### **LIMITATION OF LIABILITY**

**To the extent consistent with applicable law, Valent or Seller shall not be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING**

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**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 THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

**PROMPT NOTICE OF CLAIM**

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made. To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability**, which may not be modified by any oral or written agreement.

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Manufactured for:

**Valent U.S.A. LLC**

P.O. Box 5075

San Ramon CA 94583

Made in U.S.A.

Form 2345-A

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Information contained in this booklet is accurate at the time of printing. Since product testing is a continuous process, please read and follow the directions on the product label for the most current directions and precautionary statements.

Always check with your state to verify state registration status or call 800-6-VALENT (682-5368).



For state registration and/or supplemental labels, please call or visit us online.

*Products That Work, From People Who Care*<sup>®</sup>  
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***Always read and follow label instructions.***

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