

42056-21

PM-03

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**TCI**  
**Kernel Guard® SuPreme**  
**VITAVAX® - PERMETHRIN**  
**Seed Treatment Insecticide-Fungicide**

For the Protection of Seeds and Seedlings of Field Corn, Sweet Corn, Popcorn and Soybeans against Damping-Off, Seed Decay, Seedling Blight, also against Seed Corn Beetle, Seed Corn Maggots and Wireworms.

Active Ingredients:	By Wt.
*Permethrin**	10.42%
Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathin-3-carboxamide)	14.00%
Inert Ingredients:	75.58%
Total	100.00%

\* (3-Phenoxyphenyl)methyl(±)cis-trans 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate  
 cis/trans ratio: Max. 55% (±)cis and Min. 45% (±) trans

Vitavax is a Reg. TM of Uniroyal Chemical Company, Inc.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling.

**Personal Protective Equipment**

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and a dust mist filtering respirator(MSHA/NIOSH) approval number prefix TC-21C. Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**STATEMENT OF PRACTICAL TREATMENT**

**On skin:** Wash with plenty of soap and water. Get medical attention. **If in eyes:** Flush with plenty of water. Call a physician if irritation persists. **If swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

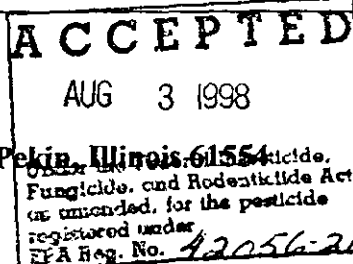
**USER SAFETY RECOMMENDATIONS**

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic invertebrates. 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 by cleaning of equipment or disposal of equipment washwaters. Run-off may be hazardous to aquatic organisms in neighboring areas. Exposed treated seed may be hazardous to birds and other wildlife. Collect or incorporate seed that are spilled during loading or are visible on soil surface in turn areas. Dispose of all treated seed by burial away from bodies of water.

EPA Reg. No. 42056-21  
 EPA Est. No. 42056-IL-1



Net Wt. 1.502

Manufactured by: Trace Chemicals, Inc. Pekin, Illinois 61554

### PRODUCT INFORMATION

**Kernel Guard SuPreme** may be used on seed previously treated with a full dosage of protective fungicide, to give added protection against seedling blight, damp-off or seed decay. This product exhibits only protectant activity and offers no systemic control of insects. Activity is by the contact and ingestions routes generally associated with pyrethroids. **NOTE** - Adjust the seed drill or planter to give the required rate of seed delivery with treated seed. Regularly inspect planter plates and clean as required. At the end of each day, clean out the electric eye monitors as directed by the manufacturer.

### 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.

**RATES:** Field Corn, Sweet Corn, Popcorn: Use one container (1.5 ounces) per 42 pounds of seed. Soybeans: Use one container (1.5 ounces) per 50 pounds of seed. Use as a dry mixture in the planter box as a seed treatment prior to planting. **MIXING INSTRUCTIONS:** For best results, fill planter box only half full of seed, add half the required amount of **Kernel Guard SuPreme** and mix thoroughly with a stick or paddle. Add the remainder of the seed and **Kernel Guard SuPreme** and mix again so that all seeds are covered. **DO NOT MIX WITH BARE HANDS.** Use only at the recommended rate. Lower amounts may not give desired control. Excessive amounts may cause seed injury.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and 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 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 areas 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, waterproof gloves and shoes plus socks.

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container. **STORAGE:** Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Protect from excessive heat. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### USE RESTRICTIONS

Treated seed must not be used for or mixed with food or animal feed or processed for oil. Treat only those seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seed beyond planting time. **ROTATIONAL CROPS:** Treated areas may be replanted with any crop specified on the Kernel Guard SuPreme label. For crops not listed on the label or for crops for which no tolerance for the active ingredients have been established, a 60 day plant-back interval should be observed. Do not graze or feed livestock on treated areas for six weeks after planting.

**NOTICE-READ CAREFULLY**  
**CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT**

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Trace Chemicals, Inc. no claims are made to guarantee germination of carry-over seed. As its sole express warranty, Trace Chemicals, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, TRACE CHEMICALS, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, TRACE CHEMICALS, INC. NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label. Buyer/User purchases the product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by written agreement signed by a duly authorized representative of Trace Chemicals, Inc. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.