

**ACCEPTED**

MAR 20 2006

Under the Federal Insecticide, Fungicide, and Rodenticide Act, or amended, for the pesticide registered under EPA Reg. No. 57538-19

**VIGOR S**  
For Seed and Seedling Application

**ACTIVE INGREDIENTS:**

- Cytokinin (as kinetin) ..... 0.0009%
- Gibberellic acid ..... 0.0005%
- Indole-3-butyric acid ..... 0.0005%

**INERT INGREDIENTS:**

- ..... 99.9981%
- Total 100.0000%

**GUARANTEED ANALYSIS**

Sulfur (S) .....4.0%

Zinc (Zn) .....9.0%

Derived from zinc sulfate.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>.

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

<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 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>
<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.</li> <li>• 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>

**HOTLINE 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 1-800-539-5283 for emergency medical treatment information.

See side panel for additional precautionary statements.

EPA Reg. No. 57538-19

EPA Est. Nos. 57538-FL-1,  
57538-TX-1, 57538-TX-2

Read attached label before using.

Manufactured By  
**STOLLER ENTERPRISES, INC.**  
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**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if inhaled or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

**Personal Protective Equipment**

Some materials that are chemical-resistant to this product are any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks, and
- protective eyewear.

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

**Engineering Controls Statement**

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.

**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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.

**Environmental Hazards**

For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

Exposed treated seed may be hazardous to birds and other wildlife. Treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of all excess treated seed and seed packaging by burial away from streams and bodies of water.

**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 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 unless wearing appropriate PPE. Exception: If the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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

- coveralls,
- chemical-resistant gloves made of any waterproof material, and
- shoes plus socks.

### **SEED TREATMENT**

VIGOR S is a ready-to-use seed treatment that is applied as a slurry treatment by machine. VIGOR S is used in combination with most other seed treatment products such as insecticides and fungicides. Do not mix with other fertilizers/chemicals without a compatibility test. An adequate test for compatibility involves mixing in a small container the proper proportions of the product with water and the other ingredients. Agitate and let stand for one hour. If a precipitate forms, apply the products separately.

Use only on seeds for crops listed on the label. Do not use treated seed for food, feed or oil purposes. If this product is intended for commercial seed treatment, label the treated seed in accordance with the requirements of the Federal Seed Act and applicable State seed laws. Add an approved dye to distinguish treated seed and to prevent inadvertent use for food, feed, or oil purposes. If this product is for "at planting" use, treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of excess treated seed by burial away from streams and bodies of water. A dye is not required.

For beans, corn, cotton, peanuts, peas, rice, sorghum, soybeans, sugar beets, and wheat: Apply 8 to 16 fluid ounces per 100 lbs. of seed (.5 to 10 ml per kg).

### **FOR SEEDLING USE**

For early season use on beans, corn, cotton, peanuts, peas, rice, sorghum, soybeans, sugar beets, and wheat to correct poor seedling vigor: Apply VIGOR S at a rate of 2 to 3 quarts per acre (4.7 to 7.0 l/ha) in a row-directed spray.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Do not store in direct sunlight. Avoid freezing temperatures.

**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:** Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by the state authorities, by burning. If burned, stay out of smoke.

**WARRANTY STATEMENT:** To the fullest extent permitted by law, neither the manufacturers nor the seller make any warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use of this material when such use is contrary to label instructions. Read and follow the label directions carefully.