

7501-112

7/6/2000

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**ACCEPTED**

JUL - 6 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7501-112

## VITAVAX®- DIAZINON - LINDANE

### Seed Treatment Insecticide-Fungicide

**Active Ingredients:**

Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide) .....	14%
Diazinon (O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate) .....	15%
Lindane (gamma isomer of benzene hexachloride) .....	25%
Inert Ingredients: .....	46%
<b>Total</b>	<b>100%</b>

Contains graphite

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
 See additional precautionary statements.

EPA Reg. No. 7501-112

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapors. May cause contact sensitization following repeated contact with skin in susceptible individuals. If sensitization reactions result, contact a physician. Avoid contamination of feed and foodstuffs. Do not store with food. Do not store with feed or forage to be fed to dairy animals or to animals being finished for slaughter.

**PERSONAL PROTECTIVE EQUIPMENT:**  
 Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N,R,P or HE prefilter. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse. 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.

**USER SAFETY RECOMMENDATIONS:**  
 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.

**STATEMENT OF PRACTICAL TREATMENT**

**Organophosphate**

**If swallowed:** Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.  
**If inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated. **If on skin:** Remove contaminated clothing and wash affected areas with soap and water. **If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to birds, fish and other wildlife. Birds feeding in treated areas may be killed. 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. Runoff may be hazardous to aquatic organisms in neighboring areas. Exposed treated seeds may be hazardous to birds and other wildlife. Collect or incorporate treated seeds that are spilled during loading or are visible on soil surface in turn areas. Dispose of all excess treated seeds by burial away from bodies of water. Do not contaminate water when disposing of equipment washwaters.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool, dry place. Do not allow to freeze or become overheated.

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

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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 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.



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**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all directions before using and use only as specified on this label.

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.

**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 12 hours. Exception: if the product 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, waterproof gloves, and shoes plus socks.

Germate Plus VITAVAX-Diazinon-Lindane Seed Treatment is a ready to use dust base product especially formulated for seed treatment at planting time. This product is formulated to help lubricate the planter box and assure a smooth, even flow to the furrow. It contains a systemic fungicide, VITAVAX, for protection of seeds from seed and seedling diseases; Diazinon for protection against seed corn beetles and seed corn maggots; and Lindane for protection against wireworms. Germate Plus VITAVAX-Diazinon-Lindane Seed Treatment may be used on seed previously treated with Captan or Thiram. Do not use on seed previously treated with any insecticide other than stored grain protectant. Do not use on foundation seed stock.

**CORN (Field and Sweet), BEANS**

Planter Box Application: Use Germate Plus VITAVAX-Diazinon-Lindane Seed Treatment at the rate of 1.5 ounces (one pouch) per 42 pounds of seed (2 oz/bu). Apply as a drill box treatment mixing thoroughly with the seed before planting. For best results, the following procedure is suggested. Fill the drill box only half full of seed; add half the required amount of product and mix thoroughly with a stick. Then add the remainder of seed to the drill box and add the rest of the required amount of product to the seed, again mixing thoroughly. 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.

Good results are also obtained by premixing seed with the product in a suitable container, then pouring treated seed into the planter box.

Note: Do not use on foundation seed stock. Do not use on seed already treated with an insecticide other than stored grain protectant. Regularly inspect planter plates and clean as required. If the seed treatment increases the friction between seeds sufficient to reduce the rate of delivery through a grain drill, 1 ounce of graphite per bushel of seed should be added as a drill lubricant. Adjust the seed drill to give the required rate of seed delivery with

the treated seed. Check planter periodically to verify the proper planting rate is being delivered.

Clean-up for Electric Eye Population Monitors: At the end of each day of use, clean out the electric-eye monitors with brushes provided by the planter manufacturers, according to their directions.

**USE RESTRICTIONS**

Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Care must be exercised in the handling of treated seed. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess seeds beyond planting time.

Read entire label. Use strictly in accordance with precautionary statements and directions, and with applicable state and federal regulations.

**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 Gustafson LLC no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson LLC 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, GUSTAFSON LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON LLC 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 this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson LLC if these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

Net Contents:

EPA Est. \_\_\_\_\_

A quality product manufactured by:

**Gustafson LLC**  
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Questions? (972) 985-8877

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