

# GERMATE® Plus

## VITAVAX®-Diazinon-Lindane

### SEED TREATMENT

### INSECTICIDE - FUNGICIDE

ACCEPTED

SEP 21 1990

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

**Active Ingredients:**

Carboxin (5,6-dihydro-2-methyl-1,4-oxathiin-3-carboxanilide) .....	14%
Diazinon (0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate) .....	15%
Lindane (gamma isomer of benzene hexachloride) .....	25%
<b>Inert Ingredients:</b> .....	<b>46%</b>
Contains Graphite .....	<b>100%</b>

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

See additional precautionary statements

EPA Reg. No. 7501-112

EPA Est 42056-IL-1

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

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes, or on clothing. May cause contact sensitization following repeated contact with skin in susceptible individuals. Avoid repeated contact with skin. 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.

**STATEMENT OF PRACTICAL TREATMENT**

**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 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 pesticide is highly toxic to fish and wildlife. Birds feeding in treated areas may be killed. Do not apply directly to water or wetlands (swamps, bogs, marshes and pot-holes). Runoff maybe 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.

**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.

**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.

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 1.8 ounces (one pouch) per 50 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, and 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.

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.

**WORK SAFETY RULES**

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

*If handled indoors provide mechanical exhaust ventilation.*

Keep all unprotected persons, children, livestock, and pets away from treated areas or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way STOP work and get help right away. See Practical Treatment Section.

**PERSONAL PROTECTIVE EQUIPMENT**

WEAR THE FOLLOWING PROTECTIVE CLOTHING WHEN TREATING SEED WITH THE CONCENTRATE. Long-sleeved shirt and long-legged pants, gloves, shoes and socks, and a disposable paper dust mask which covers at least one-third of the face.

WEAR THE FOLLOWING PROTECTIVE CLOTHING DURING APPLICATION, EQUIPMENT REPAIR AND CLEANING, DISPOSAL OF EXCESS TREATED SEEDS: Long-sleeved shirt and long-legged pants, shoes and socks.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating, drinking, or using the toilet.

AFTER USING THIS PRODUCT: Wash hands, face, and arms with soap and water. Remove clothing that has become damp, wet or dusty while using this product and wash them separately from household clothing. Clothing or gloves that have been heavily contaminated or drenched with diazinon must be destroyed according to state and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

**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**

**LIMITED WARRANTY STATEMENT**

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, except for the purposes of curative control of existing disease or insect pests, may result in reduced germination and/or reduction of seed and seedling vigor.

Treat and germination test a sample of the seed lot before treating with a selected chemical treatment. Excess seed should not be carried over from one season to the next without re-testing germination. Due to seed quality conditions beyond the control of Gustafson, no claims are made to guarantee germination of carry-over seed.

Gustafson 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. Gustafson neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or MERCHANTABILITY, guarantee or representation, express or implied, concerning this material. In the event of any breach of this limited warranty, Gustafson shall not be liable for consequential damages.

Net Contents: 1.8 Ounces

A Quality Product Manufactured By:  
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