

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (WH-567)  
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

SEP 1 1987

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

161 / 201697  
18 / 1  
161 / 185609  
38 / 1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

1. Submit and/or file all data required for the registration of your product under FIFRA sec. 3(c)(5) and file all registrants of similar products to similar products.
2. Make the labeling changes listed below before you release the product for shipment:
  - (a) Add the phrase "EPA Reg. No. 7501-1."
3. In regards to product chemistry, within 28 days of the date of this Notice of Registration you must submit the results of a 12 month storage stability study in which the formulated product must be analyzed for its active ingredients at time zero and during the term of storage at ambient temperatures.
4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling and type size requirements for various label elements.

BEST AVAILABLE COPY

ATTACHMENT IF APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Sec. 6( ). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

This also serves to accept the additional brand name "Germate Plus, VITAVAX Diazinon Lindane Seed Treatment".

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division

(Front Panel)

VITAVAX®-Diazinon-Lindane  
Seed Treatment  
Insecticide-Fungicide

Active Ingredients:

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

\* U.S. Patent No. 3,454,391

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KEEP OUT OF REACH OF CHILDREN  
CAUTION  
SEE REAR PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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EPA Reg. No. 7501-  
EPA Est. 42056-IL-1

Net Contents: 1.8 ounces

Gustafson, Inc.  
1400 Preston Road, Suite 400  
Plano, Texas 75075

ACCEPTED  
with COMMENTS  
to EPA Letter Dated:

SEP 4 1987

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

7501-112

(Rear Panel)

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

#### WARNING

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes, or on clothing. Applicators must wear long-sleeved shirt; long pants; gloves; and a disposable, paper dust mask which covers at least one-third of the face. Wash hands thoroughly after using and before eating or smoking. This product should be applied in a well-ventilated area. 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 product is toxic to fish, birds, and other wildlife. Do not apply directly to lakes, streams or ponds. Do not contaminate water by cleaning or equipment or disposal of wastes. Apply this product only as specified on this label. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water.

#### ENDANGERED SPECIES RESTRICTIONS

The following restrictions apply to use of this product after February 1, 1988.

Before using this pesticide on corn or soybeans, in the counties listed below, you must obtain the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agency, State Fish and Game Office, or your pesticide dealer. Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.

ALABAMA

Colbert, Greene, Jackson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgan, Pickens and Sumter

ARIZONA

Graham, Maricopa, Mohave, Pima, Pinal and Santa Cruz

ARKANSAS

Benton, Clay, Clark, Cross, Lawrence, Lee, Poinsette, Polk, Randolph, Sharp and St. Francis

CALIFORNIA

Butte, Colusa, Glenn, Imperial, Kern, Merced, Modoc, Inyo, Los Angeles, Orange, Riverside, Sacramento, San Bernardino, San Diego, Santa Barbara, Solano, Stanislaus, Sutter, Tehema, Yolo and Ventura

FLORIDA

Alachua, Baker, Bradford, Brevard, Broward, Charlotte, Citrus, Clay, Collier, Columbia, Dade, DeSoto, Dixie, Duval, Flagler, Gadsden, Gilchrest, Glades, Hardee, Hendry, Hernando, Highlands, Hillsborough, Indian River, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Madison, Manatee, Marion, Martin, Monroe, Nassau, Orange, Okeechobee, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, St. Johns, St. Lucie, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia and Wakulla

GEORGIA

Brantley, Bryan, Bulloch, Burke, Camden, Candler, Charlton, Chatham, Effingham, Emanuel, Evans, Glascock, Glynn, Jefferson, Jenkins, Johnson, Liberty, Long, McIntosh, Pierce, Richmond, Screven, Ware, Washington and Wayne

KANSAS

Clark, Comanche, Meade and Stafford

KENTUCKY

Ballard, Butler, Edmundson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McCreary, Pulaski, Rockcastle, Taylor, Warren and Wayne

MISSISSIPPI

Claiborne, Copiah, Hinds, Itawamba, Lowndes, Monroe and Noxubee

MISSOURI

Barry, Benton, Camden, Christian, Dallas, Greene, Hickory, Jasper, Lawrence, Miller, Newton, Osage, Polk, St. Clair, Stone and Webster

MONTANA

Garfield, McCone, Sheridan and Valley

NEBRASKA

Boyd, Brown, Buffalo, Butler, Cass, Cedar, Colfax, Dawson, Dodge, Douglas, Hall, Hamilton, Holt, Howard, Kearney, Keya Paha, Knox, Merrick, Nance, Phelps, Platte, Polk, Rock, Sarpy and Saunders

NEVADA

Clark

NEW MEXICO

Chaves, Debaca and Eddy

NORTH CAROLINA

Edgecombe, Nash and Pitt

NORTH DAKOTA

Banson, Bottineau, Burke, Burleigh, Divide, Dunn, Eddy, Emmons, Foster, Kidder, Logan, McHenry, McIntosh, McKenzie, McClean, Mercer, Morton, Mountrail, Nelson, Oliver, Pierce, Ramsey, Ranville, Rolette, Sheridan, Sioux, Stutsman, Towner, Ward, Wells and Williams

OHIO

Pickaway

OKLAHOMA

Deleware, McCurtain and Pushmataha

OREGAN

Lake

SOUTH CAROLINA

Aiken, Barnwell, Beaufort, Berkely, Charleston, Colleton, Dorchester, Georgetown, Hampton, Horry, Jasper and Marion

SOUTH DAKOTA

Clay, Haakon, Hughs, Potter, Stanley, Sully, Union, Walworth, Yankton and Ziebach

TENNESSEE

Bedford, Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Hawkins, Hickman, Knox, Lawrence, Lincoln, Loudon, Marshall, Maury, Meigs, Monroe, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan, Trousdale and Wayne

TEXAS

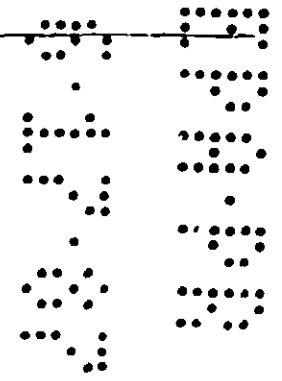
Aransas, Austin, Bastrop, Burleson, Cameron, Colorado, Comal, Fort Bend, Goliad, Harris, Hays, Jeff Davis, Pecos, Reeves, Refugio and Victoria

UTAH

Utah and Washington

VIRGINIA

Lee, Russell, Scott, Smyth, Tazewell, Washington and Wise



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

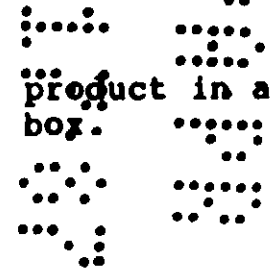
1. STORAGE. Store in a cool dry place. Do not allow to freeze or become overheated.
2. PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal.
3. PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal 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.
4. 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.

Gustafson 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. Gustafson 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 Malathion or Methoxychlor. Do not use on foundation seed stock.

CORN, SOYBEANS, BEANS

Planter Box Application: Use Gustafson VITAVAX-Diazinon-Lindane Seed Treatment at the rate of 1.8 ounces (one pouch) per 50 pounds of seed (2oz/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 Malathion or Methoxychlor (for control of stored grain insects). 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.

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 LIMITED WARRANTY STATEMENT

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.

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