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GAMMASAN®

INSECTICIDE-FUNGICIDE HOPPER BOX SEED TREATMENT

Recommended for Agricultural Use Only

ACCEPTED

JUL - 5 2000

Under the Federal Insecticide, Pungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 68119-14

For the protection of germinating seeds and seedlings of corn and sorghum against wireworms and damping off, seed decay and seedling blights.

ACTIVE INGREDIENTS:

Captan (N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide)	32.76%
Related derivatives	0.74%
Lindane (gamma isomer of benzene hexachloride)	16.60%
INERT INGREDIENTS (contains graphite):	
, <u> </u>	100.00%

EPA Reg. No. 68119-14

EPA Est. No.

NEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID

If swallowed

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If inhaled

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably to mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

If on skin or

Take off contaminated clothing.

clothing

- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If in eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **NOTE TO PHYSICIAN:** Do not administer milk or fatty substances which enhance the absorption of chlorinated hydrocarbons. Probable mucosal damage may contraindicate the use of gastric lavage.

See additional precautionary statements and directions for use below.

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. May cause allergic skin reactions. Do not get in eyes. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Treat outdoors or in a well ventilated place. Avoid contamination of feed and food stuffs. Do not use treated seeds for food, feed, or oil purposes.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: coveralls over a long-sleeved shirt and long pants, waterproof gloves, chemical resistant footwear plus socks, protective eyewear; E) Chemical resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing or loading, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with an 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 them. 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 STATEMENTS: 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 Part 170.240(d)(4-6), the handler PPE requirements maybe reduced or modified as specified in the WPS.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Exposed treated seeds may be hazardous to birds and other wildlife. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil. Dispose of all excess treated seeds by burial away from bodies of water. Birds feeding on treated areas may be killed. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.

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. 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Always read the entire label. Use strictly in accordance with precautionary statements and directions and with all applicable state and federal regulations.

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), notification to workers and restricted entry intervals. 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 days.

EXCEPTION: For the last 48 hours of the REI, workers may enter the treated area to perform hand labor or other tasks involving anything that has been treated, such as plants, soil or water, without time limit, if they wear the early-entry personal protective equipment listed below. If the product is used for seed treatment, 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 over long-sleeved shirt and long pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

PRODUCT INFORMATION

Gammasan Seed Treatment is a specially formulated combination of lindane for protection against wireworms and captan for protection against fungus diseases of corn and sorghum seeds and seedlings.

Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Use only at recommended rates. Lower amounts may not give desired control. Excessive amounts may cause seed injury.

APPLICATION INSTRUCTIONS

Planter Box Application Rate — Use Gammasan at a rate of 2.7 oz. (1 packet) for 50 pounds of seed. Mix thoroughly with seed in planter box as follows:

- 1. Fill the planter box one-half full of seed.
- 2. Then add one-half the required amount of Gammasan and mix thoroughly with an axe handle or paddle (an axe handle or paddle used for seed treatment purposes only).
- 3. Then add the remaining one-half of the seed and then the remainder of the Gammasan and mix again until all seed is uniformly covered.
- 4. Never use bare hands to mix and treat seed.

Vacuum Planters — Pour 50 pounds of seed into the planter box. Pour enough Gammasan on top of the seed to treat 50 pounds of seed. Mix thoroughly with an axe handle or paddle until seed is uniformly covered. Then add any plantability additive at the recommended rate to improve seed flowability (talc, etc.). Mix thoroughly once more with an axe handle or paddle to get uniform coverage. This process will provide the best seed flow through the planter while providing all the benefits of a seed treatment product.

Regularly inspect planter plates and clean as required. If the seed treatment increases the friction between seed 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.

Use seed within one month of treatment.

Electric Eye Population Monitors: At the end of each day of use, or as often as required depending on field conditions, clean the electric-eye monitors with brushes provided by the planter manufacturer, according to their directions. Under extremely humid weather conditions, this cleanup process may need to be done more often.

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

STORAGE AND DISPOSAL

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

STORAGE: Protect from excessive heat. Store in a cool, dry place away from water, food and feed. Do not store with food for human consumption, feed or forage to be fed to any or all livestock animals. Do not transport or store near feed or feed.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 each packet into application equipment. Then dispose of the packet in a sanitary landfill or by incineration if allowed by state and local authorities. If incinerated, stay out of smoke.

NOTICE – READ CAREFULLY CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILFARM L.L.C. does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILFARM L.L.C. nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

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

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and/or reduced 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 WILFARM L.L.C., no claims are made to guarantee germination of carry-over seed.

Gammasan is a trademark of Zeneca Group Company.

In case of emergency, call Chemtrec: 1-800-424-9300.

Manufactured for: WILFARM L.L.C. 5401 North Oak Trafficway Gladstone, MO 64118-4627 In case of emergency call Chemtrec (800)424-9300 Net Contents
____Lbs.
(____Kgs.)