

Trace Seed  
Protection Products

# Bean Guard<sup>®</sup> / Allegiance<sup>®</sup>

Captan-Vitavax<sup>®</sup>-Metalaxyl Seed Treatment for Soybeans

Active Ingredients:

Carboxin: 5,6-dihydro-2-methyl-N-phenyl-1,4 oxathiin-3-carboxamide .....	12.50%
Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester .....	3.75%
Captan: N-[(trichloromethyl)thio]-4-cyclohexene-1,2-dicarboximide .....	24.45%
Related Derivatives .....	0.55%
Other Ingredients: .....	58.75%
Total: .....	100.00%

This product contains 11.9% molybdenum derived from sodium molybdate

**KEEP 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 the label, find someone to explain it to you in detail.)

## FIRST AID

**IF IN EYES:**

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

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**EMERGENCY ASSISTANCE:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

<b>EMERGENCY PHONE</b>	<b>800-292-5898</b>
<b>SAFETY DATA AND INFORMATION</b>	<b>866-430-2775</b>
<b>TRANSPORTATION EMERGENCY (CHEMTREC)</b>	<b>800-424-9300</b>

### Net Contents:

EPA REG. NO. 400-561  
EPA EST. NO.  
003/010708

Manufactured for:  
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[www.tracechemicals.com](http://www.tracechemicals.com)  
[www.chemtura.com](http://www.chemtura.com)

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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

**All mixers, loaders, applicators and other handlers (including handlers participating in seeding) must wear:** Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves, protective eyewear and a NIOSH-approved respirator with any N, R, P or HE filter.

Persons handling un-bagged treated seed are handlers and must wear handler personal protective clothing.

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**

Users should:

- wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic organisms. Do not apply directly to water, or 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. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil. Do not contaminate water when disposing of equipment washwaters or rinsate.

Groundwater Advisory: This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**PRODUCT INFORMATION**

BEAN GUARD/ALLEGIANCE combines the systemic action of carboxin and metalaxyl with the contact action of captan to control certain seed and seedling diseases of soybeans. It is particularly effective against *Pythium* and *Rhizoctonia* and shows good activity against *Fusarium* and *Helminthosporium*. BEAN GUARD/ALLEGIANCE also provides 0.2 ounce of molybdenum per acre for plant nutrition and nitrogen fixation.

NOTE: Regularly inspect planter plates and clean as required. At the end of each day, clean out the electric-eye monitors as directed by the manufacturer.

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

**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. 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 24 hours.

Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with the soil/media subsurface. 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, shoes plus socks, protective eyewear.

## RATE

(2 oz. pouch) Use at a rate of one pouch per 60 lbs. of soybean seed (2 ounces per bushel) as a dry mixture in the planter-box as a seed treatment prior to planting.

(5 lb. pail) Use at a rate of 2 ounces per 60 lbs. of soybean seed (2 scoops per bushel) as a dry mixture in the planter-box as a seed treatment prior to planting.

Mixing Instructions: For best results, fill planter-box only half full of seed, add half the required amount of BEAN GUARD/ALLEGIANCE and mix thoroughly with a stick or paddle. Add the remainder of the seed and BEAN GUARD/ALLEGIANCE and mix again so that all seeds are covered. DO NOT MIX WITH BARE HANDS. Do not apply this product with aerial or chemigation equipment.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in cool, dry, place. Avoid exposure to excessive heat.

**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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## IMPORTANT NOTICE

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions not reasonably foreseeable to seller, and, to the extent consistent with applicable law, the buyer assumes the risk of any such use.

### **Seed Treatment Warranty Statement**

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

Treat and conduct germination tests on a small test sample of seed before treating commercial quantities with a selected chemical treatment. Due to seed quality and seed storage conditions beyond control of Chemtura, Chemtura makes no claims of guarantees as to germination of carry-over seed.

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