

400-561

7/12/2010

1095



**U.S. ENVIRONMENTAL PROTECTION AGENCY**

Office of Chemical Safety and Pollution Prevention  
Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave., N.W.  
Washington, DC 20460

EPA Reg. Number:

**400-561**

Date of Issuance:

**JUL 12 2010**

Term of Issuance:

Unconditional

Name of Pesticide Product:

**Bean Guard® /  
Allegiance®**

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**Chemtura Corporation  
199 Benson Road  
Middlebury, CT 06749-0001**

Mailed to:

**Allen Blem  
North American Registrations**

**Note: Changes in labeling 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 EPA registration number.**

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

Based on your response to the carboxin Reregistration Eligibility Document(s), EPA has reregistered the product listed above provided that the following changes are made to the label that you submitted December 1, 2009:

- 1. In the section **PERSONAL PROTECTIVE EQUIPMENT (PPE)** change "...made of waterproof material..." to "...made of any waterproof material..."

Signature of Approving Official:

*Lisa Jones for*

Mary L. Waller, Product Manager (21)  
Fungicide Branch/Registration Division/OPP/OCSP (7504P)

Date:

*12 July 2010*

JUL 12 2010

2 of 5

2. In the last line in the **AGRICULTURAL USE REQUIREMENTS** box change "protective eyewear" to "goggles or faceshield"
3. In the section **PRODUCT INFORMATION** add the following immediately after the sentence "NOT for use by commercial seed treatment establishments.": "For on-farm use only at time of planting. Do not bag or store seed for later use."

This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product. Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The basic and alternate Confidential Statements of Formula (CSF) dated 9/28/07, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended are acceptable. These CSFs supersede all CSFs previously accepted for this product.

A copy of your label stamped "Accepted with Comments" is enclosed for your records. Please submit one copy of the revised final printed label for the record before the product is released for shipment. Products shipped after 12 months from the date of this Notice or the next printing of your label, which ever occurs first, must bear the new revised label.

Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7504P)

Enclosure:

Label stamped "Accepted with Comments"  
PRB Label Review dated 3/20/2009  
Acute Toxicity Review DP361141 dated 2/26/2009  
Product Chemistry Review DP344367 dated 10/30/2007

3085

# Bean Guard®/Allegiance®

Captan-Carboxin-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.)

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	
<b>EMERGENCY ASSISTANCE:</b> 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>

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**JUL 12 2010**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
400-561**

**Net Contents:**

EPA REG. NO. 400-561  
EPA EST. NO.  
005

Manufactured for:  
Chemtura Corporation  
199 Benson Road  
Middlebury, CT 06749



www.chemtura.com

4095

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

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. 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 made of waterproof material. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

**All loaders, applicators and other handlers (including handlers participating in seeding) must wear:**

- Long-sleeved shirt and long pants,
- shoes plus socks,
- chemical-resistant gloves,
- goggles or face shield,
- chemical-resistant apron when loading, cleaning up spills, or cleaning equipment
- NIOSH approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P or HE filter.

Persons who are bagging treated seed or are 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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS**

When handlers use closed systems designed by the manufacturer to enclose the pesticide to prevent it from contacting handlers or other people AND the system is functioning properly and is used and maintained in accordance with the manufacturer's written operating instructions, the handlers need only wear long-sleeved shirt, long pants, chemical resistant gloves and shoes and socks. However, the respirator and protective eyewear must be immediately available for use in an emergency, such as a spill or equipment breakdown.

**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 chemical is **toxic to fish**. Do not contaminate water when disposing of equipment washwaters or rinsate or by disposal of wastes. Treated seed exposed on soil surface may be hazardous to birds. Cover or collect spilled seeds.

Groundwater Advisory: Metalaxyl 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.

This product may have effects on federally listed threatened or endangered species or their critical habitat in some counties. It is a violation of federal law to kill, harm or harass listed animal species without authorization. To limit the potential for such impacts when using this product, consult and follow the instructions provided in the EPA Endangered Species Bulletin for the County or Parish in which you are applying the seed. To determine whether your County or Parish has a bulletin consult <http://www.epa.gov/espp> before each season's use of this product. Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.

**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.

505

### 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.**

**Double Notification:** Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

**Eye Protection:** For at least seven days following the application of BEAN GUARD/ALLEGIANCE:

1. At least one container designed specifically for flushing eyes must be available in operating condition at the Worker Protection Standard-required decontamination site for workers entering the area treated with BEAN GUARD/ALLEGIANCE, and
2. workers must be informed orally, in a manner they can understand:
  - that residues in the treated area may be highly irritating to their eyes,
  - that they should take precautions, such as refraining from rubbing their eyes to keep the residue out of their eyes,
  - that if they do get residue in their eyes, they should immediately flush their eyes, with the eyeflush container that is located at the decontamination site, and
  - how to operate the eyeflush container.

**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, or treated seed is: coveralls, chemical-resistant gloves made of any waterproof material, shoes plus socks, protective eyewear.

### 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.

NOT for use by commercial seed treatment establishments.

Use BEAN GUARD/ ALLEGIANCE only on those seeds needed for immediate use, minimizing the time between treatment and planting. DO NOT bag or store excess treated seed beyond planting time.

Treated seeds must not be used for or mixed with food or animal feed or processed for oil.

### APPLICATION 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.

### NOTE

Adjust the seed drill or planter to give the required rate of seed delivery with treated seed. 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.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container only. After partial use, replace lid and close tightly. Store in a secure place that is temperate, dry and out of direct sunlight. 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:

#### Nonrefillable Container

**Plastic Container:** Do not reuse or refill this container. Completely empty container by shaking and tapping sides and bottom to loosen clinging particles. empty residue 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. Offer for recycling, if available.

### 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, and, to the extent consistent with applicable law, the buyer assumes the risk of any such use.

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.

BEAN GUARD® is a registered trademark of Chemtura Corporation  
ALLEGIANCE® is a Registered Trademark of Bayer CropScience  
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