



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511M)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

90866-46

Date of Issuance:

10/24/2025

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CHB-ST (GIS)

Name and Address of Registrant (include ZIP Code):

CH Biotech R&D CO., LTD
c/o CH Biotech LLC
601 Kettering Drive
Ontario, CA 91761

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 registered 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 U.S. Environmental Protection Agency. In order to protect health and the environment, the Administrator, on his or her 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 the 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.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Gina Burnett, Senior Regulatory Advisor
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention Division (7511M)
Office of Pesticide Programs

Date:

10/24/2025

2. Make the following labeling change before you release this product for shipment:
 - Revise EPA Registration Number to read, "EPA Reg. No. 90866-46."
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 04/01/2025

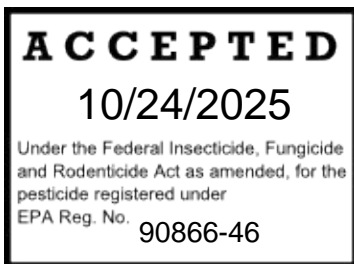
If you have any questions, please contact Menyon Adams by phone at (202) 566-1604 or via email at adams.menyon@epa.gov.

Sincerely,



Gina Burnett, Senior Regulatory Advisor
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure



CHB-ST(GIS)

FOR USE AS A SEED TREATMENT FOR LISTED CROPS

| ACTIVE INGREDIENT: | BY WT |
|--------------------------------------|----------------|
| Gamma Aminobutyric Acid (GABA) | 1.00% |
| 3-Indolebutyric Acid (IBA) | 0.09% |
| Salicylic Acid | 0.50% |
| OTHER INGREDIENTS:..... | 98.41% |
| TOTAL | 100.00% |

KEEP OUT OF REACH OF CHILDREN CAUTION

See (back) (side) panel for additional Precautionary Statements and Directions for Use

| First Aid | |
|---|---|
| If in eyes: | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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 |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: www.npic.orst.edu).</p> <p>For general product information, call CH Biotech LLC at (909) 472-3033 between the hours of 9 a.m. – 4 p.m. Pacific Time.</p> | |

EPA REG. NO. 90866-XX

EPA EST. NO. 90866-CA-001

Produced for: CH Biotech R&D Co., Ltd.
By CH Biotech LLC.
601 Kettering Drive, Ontario, CA 91761
Tel: 909-472-3033

Net Contents: 1.0 gallon
2.5 gallons

Email: info@chbio.com

Batch No.

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow the 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.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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

For Terrestrial Uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

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, either directly or through drift. Only protected handlers may be in the area during applications. For any requirements specific to your State or Tribe, consult the State or Tribal 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 interval. The requirements in this box 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 hours.

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, socks, shoes, chemical resistant gloves.

PRODUCT INFORMATION

This product CHB-ST(GIS), containing three plant growth regulators Indolebutyric acid (IBA), Gamma Aminobutyric Acid (GABA) and Salicylic Acid, is a seed treatment for crops and grasses included in the table below. When applied according to the use directions and rates on this label, CHB-ST(GIS), stimulates systemic acquired resistance (SAR), promotes seed germination and faster, more uniform stand establishment.

NOTE: For best results, read all directions for use thoroughly. Consult your local experiment station specialist, distributor, or the field representative in your area for the spray schedule best suited to your conditions. Do not use with other seed treatment products unless previous experience assures compatibility.

PRECAUTIONS

Note: Use only as directed. The label must be read thoroughly and understood before making applications. Compatibility: CHB-ST(GIS) is compatible with most commonly used seed treatments. To ensure the compatibility of this product with other products, pour the products into a small container of water in the correct proportions. After thorough mixing, let stand for 5 minutes. If the combination remains mixed, or can be remixed readily, the mixture is compatible.

RESTRICTIONS

On-Farm Seed Treatment: Do not apply this product through any type of irrigation system. Do not use treated seed for food or feed purposes or process for oil. Do not store excess treated seeds beyond planting time. Seed treatment on agricultural establishment at or immediately before planting is within the scope of WPS, while commercial treatment of seeds is not within the scope.

For Commercial Seed Treatment: Seed treated commercially or for sale must be dyed an unnatural color using an EPA-approved dye before sale.

Tank Mixing: When tank mixing, follow the most restrictive label instructions for any tank mix partner. Do not tank mix with any product that contains a prohibition against tank mixing.

SEED BAG LABELING REQUIREMENTS

Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal Seed Act. The user of this product is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

THE FEDERAL SEED ACT REQUIRES THAT BAGS CONTAINING TREATED SEEDS BE LABELED WITH THE FOLLOWING STATEMENTS:

This seed has been treated with CHB-ST(GIS) (Indolebutyric acid (IBA), Gamma Aminobutyric Acid (GABA) and Salicylic Acid)
Do not use for feed, food, or oil purposes.

THE US ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON BAGS CONTAINING SEEDS TREATED WITH CHB-ST(GIS):

Store treated seed away from feed or foodstuffs.

Do not allow children, pets, or livestock to have access to treated seeds.

Do not use the same auger for treating seed that will handle commercial or feed grains. Wear long pants, long-sleeved shirt, shoes plus socks, and chemical-resistant gloves made of any waterproof material when opening this bag or handling (e.g., loading, pouring) treated seed.

After treated seed has been planted, do not enter or allow worker entry into areas planted with treated seeds during the restricted-entry interval (REI) of 4 hours.

EXCEPTION: Workers may enter these areas without restriction if there will be no worker contact with the soil/media subsurface. Treated seed exposed on soil surfaces may be hazardous to wildlife. Cover or collect treated seed spilled during loading and planting. Do not contaminate bodies of water when disposing of planting equipment washwater. If excess treated seed remains after planting, dispose of it by burying away from bodies of water. Do not store leftover treated seed where there is a chance of it becoming mixed with untreated seed.

Store treated seed in cool, dry conditions.

Dispose of treated seed packaging in accordance with local requirements.

Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticides remain in the ethanol by-products that are used in agronomic practice.

CHB-ST(GIS) may be applied to the following crops to optimize germination and emergence, and disease avoidance, especially when seed is planted under cool soil conditions. CHB-ST(GIS) should be applied as a slurry in a total volume of 3 to 12 fluid ounces/100 lb of seed; volumes greater than 10 fluid ounces/100 lb may be needed to optimize coverage.

Always use this product with an EPA-approved dye or colorant that imparts an unnatural color to the seed.

| CROP/CROP GROUP | RATE | REMARKS |
|---|---|--|
| Cotton | 0.1 fl oz (2.96 mL) per 100 lb seed | Mix CHB-ST(GIS) in 6 to 12 fl oz of carrier per 100 lb of seed |
| Small Seeded Crops: including barley, rice, rye, sorghum, wheat | 0.169 fl oz (5.0 mL) per 100 lb seed | Mix CHB-ST(GIS) in 4 to 12 fl oz of carrier per 100 lb of seed |
| Grasses grown for seed | 0.169 fl oz (5.0 mL) per 100 lb seed | Mix CHB-ST(GIS) in 3 to 12 fl oz of carrier per 100 lb of seed |
| Corn (field, pop, sweet) | 0.1 fl oz (2.96 mL) per 100 lb seed | Mix CHB-ST(GIS) in 3 to 5 fl oz of carrier per 100 lb of seed |
| Legume Vegetables Group. (Succulent or Dried) [Crops such as Bean (all types), Peas and Soybeans | 0.1 fl oz (2.96 mL) per 100 lb seed | Mix CHB-ST(GIS) in 3 to 5 fl oz of carrier per 100 lb of seed |
| Peanut | 0.1 fl oz (2.96 mL) per 100 lb seed | Mix CHB-ST(GIS) in 3 to 5 fl oz of carrier per 100 lb of seed |
| Oil Seed Crops Group. [Crops such as Canola, Flax] | 0.169 fl oz (5.0 mL) per 100 lb seed | Mix CHB-ST(GIS) in 6 to 12 fl oz of carrier per 100 lb of seed |

| | | |
|-----------|--|--|
| Sunflower | 0.1 fl oz (2.96 mL) per 100 lb seed | Mix CHB-ST(GIS) in 3 to 5 fl oz of carrier per 100 lb of seed |
|-----------|--|--|

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep containers tightly closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into formulation equipment. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into formulation equipment or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

For chemical spill, leak, fire or exposure, call day or night CHEMTREC 24 hours at 1-800-424-9300.

LIMITED WARRANTY AND DISCLAMIER

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in the Directions for Use when it is used in accordance with such Directions; and that the Directions, and other statements on this label, are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT, INCONSEQUENTIAL, OR PUNITIVE DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.