



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:

90866-45

Date of Issuance:

9/3/2025

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CHB19013

Name and Address of Registrant (include ZIP Code):

CH Biotech R&D Co, Ltd c/o CH Biotech, LLC  
601 Kettering Dr  
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 Pesticide Branch  
Biopesticides and Pollution Prevention Division (7511M)  
Office of Pesticide Programs

Date:

9/3/2025

2. Make the following labeling change before you release this product for shipment:
  - Revise EPA Registration Number to read, "EPA Reg. No. 90866-45."
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 02/11/2025

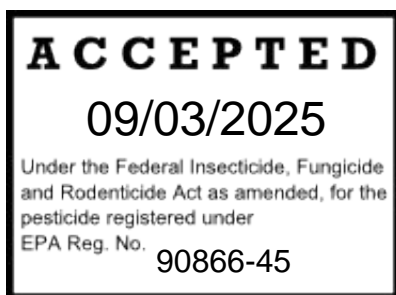
If you have any questions, please contact Leslie Paul by phone at (202) 566-1466 or via email at [paul.leslie@epa.gov](mailto:paul.leslie@epa.gov).

Sincerely,



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

Enclosure



# CHB19013

**A plant growth regulator for stimulation of early root and shoot development, increased pathogen tolerance, and greater abiotic stress tolerance of listed crops.**

<b>ACTIVE INGREDIENTS:</b>	<b>By Wt.</b>
3-Indolebutyric Acid (IBA): .....	0.200%
Salicylic Acid:.....	2.000%
Triacontanol:.....	0.0075%
OTHER INGREDIENTS:.....	<u>97.7925%</u>
<b>TOTAL:</b>	<b>100.00%</b>

## KEEP OUT OF REACH OF CHILDREN CAUTION

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

<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 to 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>
<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: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a>). <b>For general product information, call CH Biotech LLC at (909) 472-3033 between the hours of 9 a.m. – 4 p.m. Pacific Time.</b></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  
Batch No.:

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS 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)**

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

#### **Applicators and other handlers must wear:**

- Long sleeved shirt and long pants,
- Chemical resistant gloves in Category A, such as butyl rubber > 14 mils, or natural rubber > 14 mils, or neoprene rubber > 14 mils or nitrile rubber > 14 mils, and
- Shoes plus socks

Follow the 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.

### **USER SAFETY RECOMMENDATIONS**

- 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 the 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 application. 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 48 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**

CHB19013 contains three active ingredients classified as plant growth regulators (PGRs): 3-Indolebutyric acid (IBA), Triacanol, and Salicylic acid. Benefits derived from the use of this product include: stimulation of early root and shoot development, systemic pathogen tolerance, and the ability to better withstand environmental stress. Read the use instructions for specific details by crop.

Always make a sample of CHB19013 and other products to determine tank mix compatibility prior to application. CHB19013 contains systemic compounds that function to stimulate the plants' natural defenses and support vigorous growth. A 0.1% v/v (1 gallon per 1000 gallons of carrier) solution of CHB19013 provides the optimum concentration for best performance.

#### **For In-Furrow Application and Greenhouse Establishment or Production**

<b>Crop</b>	<b>Amount of CHB19013</b>	<b>Application Directions and Timing</b>
Corn <sup>(1)(2)</sup> (field, pop, sweet)	3.0 to 5.0 fl oz/acre	<ul style="list-style-type: none"><li>• In-furrow in 2 to 10 gallons of carrier per acre</li></ul>
Lettuce	3.0 to 5.0 fl oz/acre (12.8 fl oz/100 gallons in 30 to 100 gallons per acre)	<ul style="list-style-type: none"><li>• Drench applications at seeding or transplant will improve plant vigor</li></ul>
Tomato	3.0 to 5.0 fl oz/acre (12.8 fl oz/100 gallons in 30 to 100 gallons per acre)	<ul style="list-style-type: none"><li>• Drench applications at seeding or transplant will improve plant vigor</li></ul>

### Foliar Applications

For all crops, unless otherwise specified, tank mix CHB19013 by adding 12.8 fluid ounces per 100 gallons of water and spray crop canopy with sufficient volume to ensure uniform coverage. Refer to the specific mixing rates in the table below.

Do not apply if rain is expected within 2 hours of application. If sufficient rain to wash leaf occurs within 2 hours of application, re-apply. Compatibility has not been fully determined for all agrochemicals.

Due to reduced coverage with gallonage of 5 gallons per acre or less, aerial application requires a minimum dose of 2.0 oz/acre (see footnote <sup>(3)</sup> below).

**Recommended Spray Volumes (Gallon/Acre)**

CROP	GROUND		AIR	
	Adequate Coverage	Best Coverage	Adequate Coverage	Best Coverage
Corn	10.0	20.0	2.0	5.0
Tomatoes, Lettuce	35.0	100.0	5.0	10.0

**Minimum application interval for all crops is 14 days.**

APPLICATION INSTRUCTIONS				
Crop	Application Rate	Maximum Number of Applications Per Season	Application to Pre-Harvest Interval	Application Directions and Timing
Corn <sup>(1)(2)</sup> (field, pop, sweet)	2.0 to 4.0 fl oz/acre	2	7	<ul style="list-style-type: none"> <li>• 1st: At 2 to 3 true leaf stage</li> <li>• 2nd: Repeat application at 21 days for optimal growth and stress reduction</li> </ul>
Tomato	4.55 to 13.0 fl oz/acre (13.0 fl oz/100 gallons water)	3	7	<ul style="list-style-type: none"> <li>• 1st: At first bloom after transplant</li> <li>• Repeat applications as necessary every 14-21 days up until 7 days prior to harvest</li> </ul>
Leaf Lettuce	4.55 to 13.0 fl oz/acre (13.0 fl oz/100 gallons water)	3	14	<ul style="list-style-type: none"> <li>• 1st: At 2 to 4 true leaf stage</li> <li>• Repeat applications as necessary every 14-21 days up until 14 days prior to harvest</li> </ul>

<sup>(1)</sup>This product can be tank mixed with glyphosate products registered for use on glyphosate-resistant crops.

<sup>(2)</sup>This product can be tank mixed with products registered for use on glufosinate-resistant crops.

<sup>(3)</sup>Carrier volumes of 10 gallons per acre or less require the use of 2.0 oz/acre minimum due to reduced coverage, which includes aerial applications.

#### **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep containers tightly closed when not in use. Store product in the original container. Store product in a cool, dry locked place out of the reach of children and out of direct sunlight.

**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 CHEMTREC 24 hours at 1-800-424-9300.**

#### **LIMITED WARRANTY AND DISCLAIMER**

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.