

# N-HIBIT<sup>®</sup> HX-209

Powered by Harpin $\alpha\beta$ <sup>®</sup> Protein

## Seed Treatment

A biochemical pesticide seed treatment for yield enhancement.

- Increases Root Mass, Plant Stamina and Vigor
- Suppresses Nematode Egg Production

## FOR USE ONLY BY COMMERCIAL SEED TREATMENT FACILITIES

### Wettable Dry Granule

#### ACTIVE INGREDIENT:

Harpina $\alpha\beta$  Protein: ..... 1.0%

OTHER INGREDIENTS: ..... 99.0%

Total: ..... 100.0%

EPA Reg. No. 71771 -3

EPA Est. No. 88746-GA-1

## KEEP OUT OF REACH OF CHILDREN CAUTION - PRECAUCIÓN

See additional precautionary statements elsewhere on this label.

Read the entire label before using this product. Read WARRANTY AND DISCLAIMER before buying or using. If terms are not acceptable, return at once unopened.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if inhaled. Avoid breathing dust or spray mist. Remove and wash contaminated clothing before reuse.

#### FIRST AID

##### If Inhaled:

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

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical treatment information, call the National Pesticide Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific Time, seven days a week. During other times, call the poison control center at 1-800-222-1222.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

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

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Net Weight: 44 lbs. (20 kg.)**



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### **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. As soon as possible, wash thoroughly and change into clean clothing.

### **ENVIRONMENTAL HAZARDS**

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 any 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.

### **PRODUCT INFORMATION**

#### **GROWTH ENHANCEMENT**

Use N-HIBIT™ HX-209 to increase plant health and vigor, suppress nematode egg production, increase root mass and enhance crop quality and production.

### **USE PRECAUTIONS**

#### **MIXING WITH OTHER SEED TREATMENT PRODUCTS**

Read and follow the entire label of each product to be used in combination with this product. N-HIBIT HX-209 is believed to be compatible with most other labeled pesticides. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry flowables first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the seed treatment equipment.

#### **USE PROMPTLY**

Use product within 24 hours after it is mixed with water and use opened packages within 3 weeks. Carefully reseal opened packages to minimize exposure to air and moisture.

### **MIXING INSTRUCTIONS**

Mix N-HIBIT HX-209 as follows:

**Step 1:** Mix the required amount of N-HIBIT HX-209 with water or other water-based materials directly into the mix tank, or initially in a separate container, and provide agitation.

**Step 2:** Agitate until dissolved and avoid excessive foaming.

**Step 3:** When tank mixing, add other materials to the mix tank in the order determined appropriate based on compatibility testing.

**Step 4:** Continue to agitate until dissolved and avoid excessive foaming.

**Step 5:** Promptly apply seed treatment mixture to seed.

### **APPLICATION INSTRUCTIONS**

Apply N-HIBIT HX-209 commercial seed treatment to seed using application rates specified for the crops listed below. Mix N-HIBIT HX-209 with other commercial seed treatments, as needed, unless specifically prohibited on labeling of other products in the mixture or if the mixture fails the compatibility jar test. Use of the resulting mix must be in accordance with the most restrictive label limitations and precautions on any of the products in the mixture. Allow treated seeds to dry before bagging.

## CROPS AND APPLICATION RATES

### Vegetable and Other Crops

Crop	Rate
<b>BULB VEGETABLES</b> <b>CUCURBIT VEGETABLES</b> <b>FRUITING VEGETABLES</b> <b>LEAFY AND COLE VEGETABLES</b> <b>LEGUME VEGETABLES</b> <b>ROOT AND TUBER VEGETABLES</b> <b>SWEET CORN</b>	0.1 - 5 oz per 100 lb seed
<b>LEEK, ONION</b> <b>LETTUCE, SPINACH, FENNEL</b> <b>BROCCOLI, CABBAGE, CAULIFLOWER, CHINESE CABBAGE</b> <b>CUCUMBER, EDIBLE GOURD, MELON, PUMPKIN, SQUASH, WATERMELON</b> <b>EGGPLANT, HOT PEPPER, OKRA, SWEET PEPPER, TOMATO, TOMATO SEED</b> <b>FOR ROOTSTOCK PRODUCTION</b> <b>CARROT, RADISH</b>	2 - 4 oz per 100 lb seed
<b>DRY BEAN, GARDEN BEAN, PEA</b>	0.25 - 1 oz per 100 lb seed

### Field Crops

Crop	Rate
<b>COTTON</b> <b>OILSEED CROPS - All crops</b> <b>CEREAL GRAINS - All crops</b> <b>FORAGE CROPS</b> <b>PEANUT</b> <b>SORGHUM</b>	0.1 - 5 oz per 100 lb seed
<b>CANOLA</b>	2 - 4 oz per 100 lb seed
<b>CORN (Grain, silage, Seed, or Pop)</b>	0.1 - 1 oz per 100 lb seed
<b>SOYBEAN</b>	0.1 - 1 oz per 100 lb seed
<b>SUGARBEET</b>	0.1 - 5 oz per 100 lb seed
<b>WHEAT</b>	0.5 oz per 100 lb seed

### Tobacco

Crop	Rate
<b>TOBACCO - All Types</b>	0.1 - 5 oz per 100 lb seed

### Berries and Small Fruit

Crop	Rate
<b>BERRIES AND SMALL FRUIT - All Types</b>	0.1 - 5 oz per 100 lb seed

## Trees and Vines

Crop	Rate
AVOCADO CITRUS TREE NUTS POME FRUIT STONE FRUIT VINE CROPS TREES (Conifer, Broadleaf)	0.1 - 5 oz per 100 lb seed

## Turf and Ornamentals

Crop	Rate
GRASSES - All Types ORNAMENTALS (Bulbs, Seeds or Tubers) - All Types	0.1 - 5 oz per 100 lb seed

## Specialty Crops

Crop	Rate
ALOE BANANA COFFEE FIGS HERBS - All Types MANGO PAPAYA PINEAPPLE	0.1 - 5 oz per 100 lb seed

## Grasses Grown For Seed

Crop	Rate
TURF GRASSES FORAGE GRASSES	0.1 - 5 oz per 100 lb seed

## STORAGE AND DISPOSAL

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

### PESTICIDE STORAGE

Keep product away from exposure to air, sunlight, moisture, or heat. Do not store in temperatures over 110°F for more than 7 days. Use product within 3 weeks of opening and within 24 hours after mixing.

### PESTICIDE DISPOSAL

Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

### CONTAINER HANDLING

NON-RIGID NONREFILLABLE CONTAINERS: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## WARRANTY AND DISCLAIMER

### CONDITIONS OF SALE AND EXCLUSIVE WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness of the product, or other unintended consequences may result because of such factors as horticultural practices, use with other products (unless otherwise expressly provided in the Directions for Use of this product), presence of other materials, the manner of use or application, and various environmental conditions, including but not limited to weather conditions and moisture conditions. To the extent consistent with applicable law, all of the aforementioned risks are beyond the control of Plant Health Care, Inc. and the Buyer shall assume all such risks.

### EXCLUSIVE WARRANTIES

Plant Health Care, Inc. warrants that, at the time of first sale of this product, it conforms to the chemical description on this label and, under normal conditions, is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. To the extent consistent with applicable law, if this product does not perform as warranted above, customer's sole remedy for breach of that warranty shall be replacement of the product or refund of the purchase price paid, at the option of Plant Health Care, Inc. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, TERMS, OR CONDITIONS EXPRESSED OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO WARRANTIES, TERMS, OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, AND SATISFACTORY QUALITY.

### LIMITATION OF LIABILITY

To the extent consistent with applicable law, Plant Health Care, Inc. excludes for itself and its suppliers any liability, whether based in contract or tort (including negligence), for incidental, consequential, indirect, special, or punitive damages of any kind, or for loss of revenue or profits, loss of business, or crop injury arising out of or in connection with the sale, use, injury, performance, or failure of this product, even if Plant Health Care, Inc. or its authorized reseller has been advised of the possibility of such damages, and limits its liability to replacement of the product or a refund of the purchase price paid, at the option of Plant Health Care, Inc. This disclaimer of liability for damages will not be affected if any remedy provided by this label fails of its essential purpose.

### ASSUMPTION OF RISK

To the extent consistent with applicable law, Buyer and User of this product assume the risk of any use contrary to the Directions for Use and/or all of the risks inherent in the use of the product as set forth above. Plant Health Care, Inc. offers this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Exclusive Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Plant Health Care, Inc.

### PROMPT NOTICE OF CLAIM

Plant Health Care, Inc. must have prompt notice as soon as Buyer or User has reason to believe they may have a claim (not to exceed twenty-one days from the date of application) so that an inspection of the affected property and growing crops may be made. To the extent consistent with applicable law, unless Buyer and User promptly notify Plant Health Care, Inc. of any claims, they shall be barred from obtaining any remedy.

### TANK MIXES

To the extent consistent with applicable law, tank mixing or use of this product with any other product, which is not specifically and expressly authorized by this label, shall be the exclusive risk of User, Applicator, and/or Application Advisor. Read and follow the entire label of each product to be used in a tank mix with this product.

© 2024 Plant Health Care, Inc. N-Hibit® is a registered trademark and the Plant Health Care® logo is a registered trademark of Plant Health Care, Inc. Always read and follow label instructions before buying or using this product.

v: USA29MAY2025N-Hibit HX-209





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- |                    |   |
|--------------------|---|
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recycling if available or dispose of empty bag in a sanitary  
landfill or by incineration or, if allowed by state and local  
authorities, by burning. If burned, stay out of smoke.