A Biochemical Pesticide that:
• Suppresses Nematode Egg Production
• Enhances Crop Growth, Quality and Yield
• Increases Plant Stamina and Vigor

Wettable Dry Granule

ACTIVE INGREDIENT:
Harpin:β Protein: .......................... 1.0%
OTHER INGREDIENTS: .................. 99.0%
Total: .................................. 100.0%

EPA Reg. No. 71771-3    EPA Est. No. 71771-PA-001

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUCION

Net Weight: 20 oz.

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

Plant Health Care, Inc. • 285 Kappa Drive, Suite 100 • Pittsburgh, PA 15238 • 1-800-421-9051 • www.planthealthcare.com

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.)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if inhaled. Avoid breathing 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 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. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants.
- Shoes and socks.
- Dust/industrial respirator meeting NIOSH standards of at least N-95, R-95, or P-95, when mixing.

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.
Engineering Controls
When handlers use closed systems, enclosures, cab, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 190.245(a)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When exposed PPE is worn because a closed system is being used, hard hats must be provided; PPE specified above for "applications and handlers" and have such PPE 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.
- Users should remove clothing or equipment immediately if PPE 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
For terrestrial uses: 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 contaminate water when cleaning equipment or disposing of equipment wash waters or rinsates.

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 application. For any requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

PRODUCT INFORMATION
EMPLOY stimulates the plant's natural growth and defense systems, enhancing overall plant health. Healthier plants exhibit increased plant stamina and vigor, leading to one or more of the following benefits: improved stand, suppression of nematode egg production, increased marketable yields, enhanced quality, extended shelf life, and improved transport recovery.

EMPLOY is a new tool for use in Integrated Crop Management (ICM). It has no direct killing effect on pests. Product efficacy is based on its ability to activate the plant's own internal defenses and growth mechanisms. EMPLOY works best when used in conjunction with good crop management practices.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard. 40 CFR Part 190. This standard contains requirements for the protection of agricultural workers on farms, forests, nursery, 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 intervals. The requirements in this box apply to users of this product that are covered by the Worker Protection Standard.

Non-agricultural use intervals required for early entry to treated areas that are permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plant, soil, or water is:
- Coversalls;
- Waterproof gloves; and
- shoes and socks.

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to users of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 190). The WPS applies when this product is used to produce agricultural plants on farms, nurseries, or nurseries.

GENERAL INSTRUCTIONS

GROWTH ENHANCEMENT AND MARKETABLE YIELD
Use EMPLOY to overcome transplant shock, increase plant health and vigor, and eliminate crop quality and marketable production.

SITES
Use EMPLOY for greenhouse, shadehouse, and field production of all plants listed on this label.

COVERAGE
Use spray volume adequate to obtain coverage without runoff. Uniform or full leaf coverage is helpful but is not required.

DAYS TO HARVEST
Apply EMPLOY up to the day of harvest.

GENERAL USE PRECAUTIONS
USE PROMPTLY
Use EMPLOY on the same day it is mixed with water. Carefully reseal opened packages to minimize exposure to air and moisture. Use opened packages within 3 weeks.

TANK MIXING
Use in Water: EMPLOY is believed to be compatible with most other labeled pesticides, such as post-emergence herbicides, insecticides, acaricides, and fungicides, as well as most foliar products. 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 formulations first, then wettable powders and emulsifiable concentrates last. After thorough mixing, allow the 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 spray tank. Do not mix this product with any other product containing a label prohibition against such mixing. When tank-mixing EMPLOY with any other approved pesticide, always read and follow all use directions, restrictions, and precautions of both EMPLOY and the tank mix partner(s). The resulting tank mix must be in accordance with the more restrictive label limitations and precautions. Do not exceed label dosage rates.

Precautions: Do not use EMPLOY in tank mixes or water below pH 5 or above pH 10. Do not mix this product with pyrophosphates, phosphoric acid, or other strong oxidizers.

Surfactants: Use only non-ionic adjuvants approved for use on growing crops.
DILUTION WATER QUANTITY
If one ounce of EMPLOY is diluted in more than 35 gallons of chlorine water (e.g., municipal water), add a labeled water treatment product to remove excess chlorine. Consult your Plant Health Care representative if you need further precautions on water treatment.

CROP RIPENING
Crop maturing can inappropriately differ in crops treated with EMPLOY. User must monitor crop for maturity and harvest accordingly.

RAIN
Do not apply during rain. Respraying is not necessary if the spray has dried before rain begins.

STRESSED PLANTS
Plants must be actively growing at the time of foliar applications. Applications made to plants that are stressed by extreme heat, cold, moisture, or nutrient deficiency can be less effective.

SPRAY DRIFT
Avoiding spray drift at the application site is the responsibility of the applicator. The interactions of many equipment and weather-related factors determine the potential for spray drift. The applicator and grower are responsible for considering these factors when making decisions.

MIXING INSTRUCTIONS
Step 1: Fill at least one-half of the mix tank with clean water. Provide gentle agitation.
Step 2: Fill tank to less than 1 ounce of EMPLOY per 35 gallons of chlorine-treated water, and add treatment agent and continue gentle agitation (See General Use Precautions on "Dilution Water Quantity").
Step 3: Add the required amount of EMPLOY. Agitate until dissolved and avoid excessive foaming.
Step 4: If tank mixing, add other spray materials to tank. Add remaining water to mix at once.
Step 5: Continue gentle agitation and apply promptly.

APPLICATION INSTRUCTIONS
Apply EMPLOY as a pre-plant foliar, root dip, or as a foliar application.

Pre-plant Dip: Apply as a pre-plant foliar or root dip to vegetable, crucifer, and cole crops, tobacco and small fruit crops at the rate of 5 to 10 gallons of water immediately prior to transplanting. Completely immerse planting stock in solution. Do NOT reuse water solution. Dip, soak or expose plants for a minimum of 2 to 5 minutes. Dispose of dip solution according to local restrictions. Plants treated as quickly as possible. For continued crop management, follow with foliar applications of EMPLOY as specified in the tables that follow.

Foliar Application: Apply EMPLOY as a greenhouse or field application using conventional ground or aerial equipment. Use EMPLOY to enhance plant growth and vigor and to increase marketable production; and as part of an IPM program to assist disease management. Use the following tables to make decisions on application rates and timing. Follow recommendations for your crop.

### Table 1. NEMATODE SUPPRESSION USE INSTRUCTIONS

<table>
<thead>
<tr>
<th>Crop</th>
<th>Use Instructions</th>
<th>Use Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DIRECT-SEED CROPS**
In Field: Use EMPLOY following a preplant application of soil fungicide, contact nematocide, or nematocide seed treatment such as N-HiP 8 seed treatment if available. Make first foliar application of EMPLOY at 2 to 3 weeks after plant emergence. Reapply as recommended in Table 2.

**TRANSPLANTED CROPS**
Recommended use of EMPLOY following a preplant application of soil fungicide, contact nematocide, or nematocide seed treatment treatment such as N-HiP 8 seed treatment if available.

Preplant: Apply EMPLOY as a preplant foliar or root dip at the rate of 5 to 10 gallons of water immediately prior to transplanting. Completely immerse planting stock in solution. Do NOT reuse water solution. Dip, soak or expose plants for a minimum of 2 to 5 minutes. Dispose of dip solution according to local restrictions. Plants treated as quickly as possible. For continued crop management, follow with foliar applications of EMPLOY as specified in the tables that follow.

**Table 2. GROWTH ENHANCEMENT AND MARKETABLE YIELD USE INSTRUCTIONS**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Rate (oz/Acre)</th>
<th>Dilution (gallon/Acre)</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEGETABLES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PERENNIAL VEGETABLES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Artichoke</td>
<td>2.4</td>
<td>20-120° by growth</td>
<td>Begin applications when new growth starts in spring. Repeat at 21 to 28-day intervals as needed.</td>
</tr>
<tr>
<td>Globe Artichoke</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asparagus</td>
<td>2.0</td>
<td>20-120° by growth</td>
<td>Begin applications prior to first bloom. Repeat applications as needed every 21 to 28 days.</td>
</tr>
<tr>
<td>TUBER CROPS</td>
<td>2.0</td>
<td>20-120° by growth</td>
<td>Begin applications prior to first bloom. Repeat applications as needed every 21 to 28 days.</td>
</tr>
<tr>
<td>VEGETABLES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beet, Root</td>
<td>2.0</td>
<td>20-120° by growth</td>
<td>Begin applications prior to first bloom. Repeat applications as needed every 21 to 28 days.</td>
</tr>
<tr>
<td>Leafy, Cole Crop</td>
<td>2.0</td>
<td>20-120° by growth</td>
<td></td>
</tr>
<tr>
<td>Fruticose, Cucurbit, Okra, Legume</td>
<td>2.0</td>
<td>20-120° by growth</td>
<td></td>
</tr>
<tr>
<td>SWEET CORN</td>
<td>0.5-1</td>
<td>20-120° by ground</td>
<td>Make 1 to 2 applications before tassels present.</td>
</tr>
<tr>
<td>Fresh or Seed</td>
<td></td>
<td>20-120° by air</td>
<td></td>
</tr>
</tbody>
</table>
Table 2. GROWTH ENHANCEMENT AND MARKETABLE YIELD USE INSTRUCTIONS (Continued.)

<table>
<thead>
<tr>
<th>Crop</th>
<th>Rate (oz/Acre)</th>
<th>Dilution (gallons/acre)</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOBACCO</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tobacco All types</td>
<td>2-4</td>
<td>29-125&quot; by ground, minimum 3 by air.</td>
<td>Begin applications when plants are established. Repeat at 21 to 28-day intervals as needed.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BERIES, SMALL FRUIT, TREES, VINES, SPECIALTY CROPS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Berries All types</td>
<td>4</td>
<td>29-125&quot; by ground, minimum 3 by air.</td>
<td>Begin applications when plants are established, or 14 days after fall emergence. Repeat at 21 to 28-day intervals as needed.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Herbs All types</td>
<td>4</td>
<td>29-125&quot; by ground, minimum 3 by air.</td>
<td>Apply at 21 to 28-day intervals beginning 7 days after new growth is initiated.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aloe, Banana, Coffee, Figs, Avocado, Papaya</td>
<td>2-6</td>
<td>10-200&quot; by ground, minimum 3 by air.</td>
<td>Apply at 21 to 28-day intervals beginning 7 days after new growth/ new spring growth is initiated.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avocado, Citrus, Nut Trees, Pome Fruit, Apple, Pear, Stone Fruit</td>
<td>2-6</td>
<td>10-200&quot; by ground, minimum 3 by air.</td>
<td>Apply beginning after complete emergence.</td>
</tr>
</tbody>
</table>

**VINE CROPS**
Grape (vines, root, table and wine)  
Kiwifruit  
Hops  

<table>
<thead>
<tr>
<th>VINE CROPS</th>
<th>Rate (oz/Acre)</th>
<th>Dilution (gallons/acre)</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grape</td>
<td>2-6</td>
<td>10-200&quot; by ground, minimum 3 by air.</td>
<td>Apply at 21 to 28-day intervals beginning when new shoot growth is present.</td>
</tr>
<tr>
<td>Wine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kiwifruit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hops</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TURF GRASSES**
All types of golf course turf  

<table>
<thead>
<tr>
<th>TURF GRASSES</th>
<th>Rate (oz/Acre)</th>
<th>Dilution (gallons/acre)</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>All types</td>
<td>1-2</td>
<td>10-200&quot; by ground, minimum 3 by air.</td>
<td>Begin applications when plants are established or 14 days after fall emergence. Repeat at 21 to 28-day intervals as needed.</td>
</tr>
</tbody>
</table>

* See General Use Precautions - Dilution Water Quantity.

**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 seven days. Use product within 2 weeks of opening and the same day as mixing.

**CONTAINER DISPOSAL**
Nonrefillable container. Do not reuse or refill this container. Completely empty bag into applicator, wash out container, and pour into a sanitary landfill or by incineration, if allowed by state and local authorities, by burning. If burned, keep out of sewers.

**WARRANTY AND DISCLAIMER**

**CONDITIONS OF SALE AND EXCLUDING WARRANTY**
The Directions for Use of this product reflect the option of applying based on field use and tests. The directions are provided as a guide and must be followed carefully. However, this product cannot be used in all situations and may be voided under certain conditions.

**EXCLUSIVE WARRANTIES**
Plant Health Care, Inc. warrants that at the time of sale of the product, it is in the original condition described on the label and is free from defects in materials and workmanship. This warranty is limited to the replacement of the original package, and shall not be responsible for any consequential or incidental damages. This warranty does not apply to damage caused by misuse, neglect, or failure to follow the instructions on the label.

**LIMITATION OF LIABILITY**
No fault warranty is limited to the repair of the original package, and shall not be responsible for any consequential or incidental damages. This warranty does not apply to damage caused by misuse, neglect, or failure to follow the instructions on the label.

**LIMITED USE LICENSE AND PATENTS**
The use of this product and the use of the contents, are covered by U.S. Patent Nos. 5,732,856, 5,767,311, 5,773,389, 5,779,790, and 5,807,214 as well as pending patent applications. This product is a derivative of the product the product for which it was registered under the laws and or patent applications, and is protected by copyright, trademark, and other intellectual property rights. This product may not be used in any manner that infringes on the copyright, trademark, or other intellectual property rights.
A Biochemical Pesticide that:
• Suppresses Nematode Egg Production
• Enhances Crop Growth, Quality and Yield
• Increases Plant Stamina and Vigor

Wettable Dry Granule

ACTIVE INGREDIENT:
Harpin® Protein: .......................... 1.0%
OTHER INGREDIENTS: .......................... 99.0%
Total: .............................................. 100.0%

EPA Reg. No. 71771-3  EPA Est. No. 71771-PA-001

KEEP OUT OF REACH OF CHILDREN

CAUTION

Net Weight: 20 oz.

---

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

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

<table>
<thead>
<tr>
<th>FIRE AID</th>
</tr>
</thead>
<tbody>
<tr>
<td>If inhaled:</td>
</tr>
<tr>
<td>• Move person to fresh air.</td>
</tr>
<tr>
<td>• If person is not breathing, call 911 or an ambulance. Give artificial respiration, preferably mouth-to-mouth, if possible.</td>
</tr>
<tr>
<td>• Call a poison center or doctor for further treatment advice.</td>
</tr>
</tbody>
</table>

NOTE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Applicators and other handlers must wear:
• Long-sleeved shirt and long pants.
• Shoes and socks.
• Dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95, when required.

USER SAFETY RECOMMENDATIONS
Users should wash hands before eating, drinking, chewing gum, using tobacco, or using toilet.

ENVIRONMENTAL HAZARDS
Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater.

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 seven days. Use product within 3 weeks of opening and the same day as mixing.

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

CONTAINER DISPOSAL
Nonreturnable 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.