



STATE OF HAWAII
Department of Agriculture

ACCEPTED

LICENSE NO.

8591.3

Disc.

EMPLOY® H&T

A Biochemical Pesticide that:

- Suppresses Nematode Egg Production
- Enhances Growth
- Increases Plant Stamina and Vigor

Wettable Dry Granule

ACTIVE INGREDIENT:

Harpinaβ Protein:1.0%

OTHER INGREDIENTS:99.0%

Total:100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION PRECAUCION

BARCODE FPO

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.)

See additional precautionary statements elsewhere on the 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.

Net Weight: 2 oz.

EPA Reg. No. 71771-3

EPA Est. No. 71771-PA-001

PLANT HEALTH CARE, INC. • 285 Kappa Drive, Suite 100 • Pittsburgh, PA 15238 • 1-800-421-9051 • www.planthealthcare.com

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND 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.

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.

Engineering Controls

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided PPE specified above for "applicators and handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

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

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

PRODUCT INFORMATION

EMPLOY H&T 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: increased plant growth, suppression of nematode egg production, enhanced quality, and improved transplant recovery.

EMPLOY H&T is a tool for use in Integrated Landscape Management. Product efficacy is based on its ability to activate the plant's own internal defense and growth mechanisms. EMPLOY H&T works best when used in conjunction with good landscape management practices.

GENERAL INSTRUCTIONS

NEMATODE EGG SUPPRESSION AND PLANT GROWTH

EMPLOY H&T can be used to suppress nematode egg production while improving plant and root growth. EMPLOY H&T offers a different mode of action for nematode

suppression. Use of a labeled pre-plant application of a soil fumigant, contact nematicide, or nematicidal seed treatment is suggested for nematode management in most situations. Apply EMPLOY H&T for supplemental suppression of nematode egg production.

GROWTH ENHANCEMENT

Use EMPLOY H&T to overcome transplant shock, enhance plant growth and quality, mend rhizomatous turf types, and increase plant health and vigor.

SITES

Use EMPLOY H&T on plants in ornamental gardens, athletic fields, parks, golf courses, and public or private lawns and gardens, and that are intended for aesthetic purposes or climatic modification.

COVERAGE

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

USE PRECAUTIONS

USE PROMPTLY

Use product 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 Mixtures: EMPLOY H&T is believed to be compatible with most other labeled pesticides, such as post-emergence herbicides, insecticides, acaricides, and fungicides, as well as most foliar nutritional 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 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 spray tank. Do not mix this product with any other product containing a label prohibition against such mixing. When tank-mixing EMPLOY H&T with any other approved pesticide, always read and follow all use directions, restrictions, and precautions of both EMPLOY H&T and the tank mix partner(s). The resulting tank mix must be used in accordance with the most restrictive label limitations and precautions. Do not exceed label dosage rates. If EMPLOY H&T cannot be put in the tank first, before adding it to the tank, slurry EMPLOY H&T in a small amount of clean water and add the slurry to the tank.

Precautions: Do not use EMPLOY H&T 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 plants.

DILUTION WATER QUANTITY

If one ounce of EMPLOY H&T will be diluted in more than 35 gallons of chlorinated water (e.g., municipal water), add a labeled water treatment product to remove excess chlorine before adding EMPLOY H&T. Consult your Plant Health Care representative if you need further directions on water treatment.

RAIN

Do not apply during rain. Reapplication 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 deficiencies 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 the 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:** If using less than 1 ounce of EMPLOY H&T per 35 gallons of chlorinated water, add water treatment agent and continue gentle agitation (See Use Precautions on "Dilution Water Quantity").
- Step 3:** Add the required amount of EMPLOY H&T. Agitate until dissolved and avoid excessive foaming.
- Step 4:** If tank mixing, add other materials to the mix tank. Add remaining water to mix tank.
- Step 5:** Continue gentle agitation and apply promptly.

APPLICATION INSTRUCTIONS

Apply EMPLOY H&T as a pre-transplant root dip or as a foliar application.

Pre-plant Dip: Apply as a pre-plant foliar or root dip to bare root ornamentals at the rate of 3 – 9 oz per 100 gallons of water immediately prior to transplanting. Completely immerse planting stock in solution. Dip, soak, or expose plants for a minimum of 2 to 5 minutes. DO NOT reuse water solution. Dispose of dip solution according to local restrictions. Plant treated plants as quickly as possible. For continued plant management follow with foliar applications of EMPLOY H&T as specified in the sections that follow.

Foliar Application: Apply EMPLOY H&T using conventional ground equipment. Use EMPLOY H&T to enhance plant growth and vigor and as part of an Integrated Pest Management program to assist in disease management.

- **LANDSCAPE PLANTS**, such as broadleaf and coniferous trees, fruit trees, palms, vines, shrubs, brambles, berries, ground covers, perennials, and annual ornamental plants: Apply 2 oz per 50 gallons of water once per month during the growing season.
- **TURF**, such as public and private lawns and grounds, golf courses and greens, athletic fields, and parks: Apply 2 oz per acre once per month during the growing season. If using more than 70 gallons per acre of chlorinated water (e.g. municipal water), add a labeled water de-chlorinator before adding the Employ.

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 must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

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. Plant 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 the label and under normal conditions is reasonable fit for the purposes referred to in the Directions for Use, subject to 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 plant 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 herein fails of its essential purpose.

ASSUMPTION OF RISK

To the extent consistent with applicable law, Buyer and Users 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 plants may be made. To the extent consistent with applicable law, unless Buyer and Users 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 the 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.

LIMITED USE LICENSE AND PATENTS

The contents of this package and/or the use of the contents are covered by U.S. Patent Nos. 5,849,868, 5,859,324, 5,776,889, 5,977,060, and 6,277,814 as well as pending patent applications. The purchase of this package grants the Buyer a license, under these patents and patent applications, to use its contents only for treating plants, plant seeds, and other plant parts as described herein.

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10.0301 US EMPLOY® H&T

NOTES

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