**IMPORTANT:** READ BEFORE USE

**PRODUCT USE**

**APLICATION INSTRUCTIONS**

**Cool Season Turf:**
- Maintain adequate soil moisture for at least 72 hours after application to prevent phytotoxic response.
- Applications can be made in the fall prior to dormancy.

**Warm Season Turf:**
- Apply NORTICA 10 WP at a minimum of 70 lbs/acre per year.
- For optimal results, irrigate after application of NORTICA 10 WP to wash product from foliage.

**New Turf Grow-Ins:**
- Apply NORTICA 10 WP at a minimum of 70 lbs/acre per year.
- For optimal results, irrigate after application of NORTICA 10 WP to wash product from foliage.

**PESTICIDE STORING**

- Store in a cool, dry location away from heat sources.
- Store a minimum of 20 mm above the floor to prevent water damage.

**CONTAINER DISPOSAL**

- Do not wash container in or near water sources.
- Container must be properly labeled and disposed of in a manner consistent with local, state, and federal regulations.

**REPRESENTATION**

- Nortica 10 WP delivers 0.10 lb of Nitrogen per 1000 square feet.

**Recipes**

- **FLORIDA APPLICATIONS:**
  - For use on golf courses in FL, we recommend you follow SL191, "Recommendations for Quality on Florida Golf Courses" at http://www.flaes.org/pdf/glfbmp07.pdf.

**NUTRIENT COMPOSITION**

- **Chlorine (Cl) Maximum…:**
  - Nortica provides an average of 14% Ammoniacal Nitrogen.

**FERTILIZER GRADE 14-0-21**

- **Derived from:** Ammonium Chloride & Potassium Chloride
- **Total Nortica 10 WP:**
  - **14% Ammoniacal Nitrogen**

**PERSISTENCY**

- **2 T. W. Alexander Drive**

**DIRECTIONS FOR USE**

- **Agricultural Use Requirements**
  - **Engineering Controls**
    - Dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95
    - Eyes protected by approved protective eyewear with side shields
    - General protective clothing
  - **Personal Protective Equipment (PPE)**
    - Shoes plus socks
    - Waterproof gloves
    - Long sleeve shirt
    - Long pants
    - Contaminated clothing

**RESTRICTIONS**

- **Non-Agricultural Use Requirements**
  - **Engineering Controls**
    - Dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95
    - Eyes protected by approved protective eyewear with side shields
    - General protective clothing
  - **Personal Protective Equipment (PPE)**
    - Shoes plus socks
    - Waterproof gloves
    - Long sleeve shirt
    - Long pants
    - Contaminated clothing

**SAFETY PRECAUTIONS**

- **FIRST AID**
  - **Contact with skin**
    - Wash with soap and water
  - **Contact with eyes**
    - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes
  - **Ingestion**
    - Do not induce vomiting
    - Seek immediate medical attention

**UNIQUE PROPERTIES**

- **Chemical Type:** Herbicide
- **Herbicidal Activity:** Contact, Systemic
- **Family:** Urease Inhibitor
- **OTHER CHEMICALS:**
  - **Rationale:**
    - **Plant Protection:**
      - **Weeds:**
        - **Non-Selective:**
          - **Dog Feces:**
            - When handled properly, Nortica 10 WP can be used without phytotoxicity prior to commercial use. After application, lasting phytotoxicity has been observed. The professional user should determine if application of NORTICA 10 WP always irrigate to remove the product from foliage and to prevent phytotoxic response.
  - **Nutrient Composition:**
    - **Chlorine (Cl) Maximum…:**
      - Nortica provides an average of 14% Ammoniacal Nitrogen.

**UNIQUE PROPERTIES**

- **Chemical Type:** Herbicide
- **Herbicidal Activity:** Contact, Systemic
- **Family:** Urease Inhibitor
- **OTHER CHEMICALS:**
  - **Rationale:**
    - **Plant Protection:**
      - **Weeds:**
        - **Non-Selective:**
          - **Dog Feces:**
            - When handled properly, Nortica 10 WP can be used without phytotoxicity prior to commercial use. After application, lasting phytotoxicity has been observed. The professional user should determine if application of NORTICA 10 WP always irrigate to remove the product from foliage and to prevent phytotoxic response.
  - **Nutrient Composition:**
    - **Chlorine (Cl) Maximum…:**
      - Nortica provides an average of 14% Ammoniacal Nitrogen.

**SAFETY PRECAUTIONS**

- **FIRST AID**
  - **Contact with skin**
    - Wash with soap and water
  - **Contact with eyes**
    - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes
  - **Ingestion**
    - Do not induce vomiting
    - Seek immediate medical attention

**UNIQUE PROPERTIES**

- **Chemical Type:** Herbicide
- **Herbicidal Activity:** Contact, Systemic
- **Family:** Urease Inhibitor
- **OTHER CHEMICALS:**
  - **Rationale:**
    - **Plant Protection:**
      - **Weeds:**
        - **Non-Selective:**
          - **Dog Feces:**
            - When handled properly, Nortica 10 WP can be used without phytotoxicity prior to commercial use. After application, lasting phytotoxicity has been observed. The professional user should determine if application of NORTICA 10 WP always irrigate to remove the product from foliage and to prevent phytotoxic response.
  - **Nutrient Composition:**
    - **Chlorine (Cl) Maximum…:**
      - Nortica provides an average of 14% Ammoniacal Nitrogen.

**SAFETY PRECAUTIONS**

- **FIRST AID**
  - **Contact with skin**
    - Wash with soap and water
  - **Contact with eyes**
    - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes
  - **Ingestion**
    - Do not induce vomiting
    - Seek immediate medical attention

**UNIQUE PROPERTIES**

- **Chemical Type:** Herbicide
- **Herbicidal Activity:** Contact, Systemic
- **Family:** Urease Inhibitor
- **OTHER CHEMICALS:**
  - **Rationale:**
    - **Plant Protection:**
      - **Weeds:**
        - **Non-Selective:**
          - **Dog Feces:**
            - When handled properly, Nortica 10 WP can be used without phytotoxicity prior to commercial use. After application, lasting phytotoxicity has been observed. The professional user should determine if application of NORTICA 10 WP always irrigate to remove the product from foliage and to prevent phytotoxic response.
  - **Nutrient Composition:**
    - **Chlorine (Cl) Maximum…:**
      - Nortica provides an average of 14% Ammoniacal Nitrogen.
For optimal results, make the initial application in late winter or early established. NORTICA 10 WP may be applied to turf by foliar spray. Apply a spray solution of the prescribed rate of NORTICA 10 WP with a water volume rate between 1.5 and 3 gallons per 1000 sq ft. The initial application rate of NORTICA 10 WP is 35 lbs/acre. The optimal results are obtained by initiating applications of NORTICA 10 WP to ensure the spread of the bacteria in the soil. For optimal results, NORTICA 10 WP should be applied 24 hours before irrigation to avoid rinsing off the product. The recommended foliar spray rates for NORTICA 10 WP are 0.80 – 1.15 lb standard and that involves contact with anything that has been treated, such as plants, soil and vegetation. The restrictions upon disposal of the empty container are: do not contaminate water, food, or feed by storage or disposal. NORTICA 10 WP can be used without phytotoxicity prior to commercial use. After NORTICA 10 WP has been evaluated for phytotoxicity on a range of turfgrasses and no plant damage is observed, the product can be used. NORTICA 10 WP is compatible with many commonly used pesticides, fertilizers, and adjuvants. To ensure compatibility of tank-mix combinations they should be evaluated. To ensure safety and compatibility with other products, NORTICA 10 WP must be applied at times when conditions are favorable for the disease. Pests Controlled: NORTICA 10 WP controls a wide range of turf pathogens, including e.g. Cyst, Lance, Lesion Ring. NORTICA 10 WP is effective against a wide range of turf-related diseases, including e.g. Cyst, Lance, Lesion Ring. NORTICA 10 WP is a granular product that is applied to the soil by mechanical planting, seedling, or through direct incorporation. NORTICA 10 WP is physically compatible with many commonly used pesticides, fertilizers, and adjuvants. To ensure compatibility of tank-mix combinations they should be evaluated. The directions for use of this product are believed to be adequate and must be followed. The precautions for use of this product are: read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability. The replacement of product. CONSTRUCTION, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE DISCLAIMED OF WARRANTIES: ALLOWED BY LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE USER OR BUYER.
APPLICATION INSTRUCTIONS

For optimal results, make the initial application in late winter or early spring, following seeding, sprigging, and laying sod. Maintain soil moisture until seeds, sprigs, or sods are established. Applications can be made in the fall prior to dormancy or discontinued during a slow period for root growth. Maintain adequate soil moisture for three consecutive days. Applications can be made in the fall prior to dormancy or above for three consecutive days. Applications can be made in the fall prior to dormancy or above for three consecutive days.

APPLICATION RATES FOR TURF

NORTICA 10 WP delivers 0.10 lb of Nitrogen per 1000 square feet.

Application Programs

- 17.5 - 50 lb/acre
- 0.80 – 1.15 lb
- 0.40 – 1.15 lb
- Ratios
- 1:1
- 1:2
- 1:4

SUCCEEDING APPLICATIONS

- 1:1
- 1:2
- 1:4

Nonrefillable container. Do not reuse or refill this container. Do not contaminate water, food or feed by storage or disposal. Apply NORTICA 10 WP at a minimum of 70 lbs/acre per year. NORTICA 10 WP may be applied to turf by foliar spray. Apply a spray solution of the prescribed rate of NORTICA 10 WP with a water volume rate between 1.5 and 3 gallons per acre. Non-Agricultural Use Requirements

Examples of NORTICA 10 WP Application Programs

- 1:1
- 1:2
- 1:4

Spiral, Sting, or Stunt

NORTICA 10 WP has been evaluated for phytotoxicity on a range of turfgrasses and no phytotoxic response will not occur within 48 hours. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

COMPATIBILITY

Do not apply within two weeks of a fumigant application.

RESTRICTIONS

Applying NORTICA 10 WP during periods of root growth will cause a reduction in nematode results are obtained by preplant application (2-7 days before planting). With this biological protection, a vigorous root system is established by the plant. With this biological protection, a vigorous root system is established by the plant. Application

- 1:1
- 1:2
- 1:4

A Biological Agent for the Protection of Plant Roots Against Plant Parasites

NORTICA 10 WP is a biological agent for the protection of plant roots against plant parasites. It is classified as a nematicide, fungiocide, and bactericide. It is registered in the United States for the control of nematodes in turf and ornamental plants. It is classified as a nematicide, fungiocide, and bactericide. It is registered in the United States for the control of nematodes in turf and ornamental plants.

INDICATORS OF SUCCESS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present. Do not contaminate water, food or feed by storage or disposal. When handlers use closed systems or enclosed cabs in a manner that meets the requirements for MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours For treatment. You may also contact 1-800-334-7577 for emergency medical treatment.

APPLICATION OF NORTICA 10 WP

When applying NORTICA 10 WP, use personal protective equipment (PPE) as specified in the statements on this label about personal protective equipment (PPE), and restricted entry areas (REA). It also contains specific instructions and exceptions pertaining to the application of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the application of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

When handlers use closed systems or enclosed cabs in a manner that meets the requirements for MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours For treatment. You may also contact 1-800-334-7577 for emergency medical treatment.

PRODUCT USE

A Division of Bayer CropScience LP

Research Triangle Park, NC 27709

CropScience is authorized to make any warranties beyond those contained herein or to allowed by law, all such risks shall be assumed by the user or buyer.

RISK OF INCENTRAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING

Warranties and Limitations of Liability.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Conditions:

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALLOWED BY LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE USER OR BUYER.
APPLICATION INSTRUCTIONS

NORTICA 10 WP may be applied to turf by foliar spray. Apply a spray solution of the prescribed rate of NORTICA 10 WP with a water volume rate between 1.5 and 3 gallons per 1000 sq ft. 

CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES, WHETHER ARISING IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE,

LIMITATIONS OF LIABILITY:

That extend beyond the statements made on this label. No agent of Bayer CropScience MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, \n
NORTICA 10 WP is suitable for application by spraying, drenching, or drip irrigation. Optimal establishment of rhizobacteria, Which produce growth-promoting substances, is facilitated by adjusting the soil pH to 6.4 to 7.0. Application when soil temperatures have reached 60°F or 16°C is preferred. Before application, determine the soil pH and, if necessary, adjust it to the optimum level. 

With this biological protection, a vigorous root system is established by the plant. With the continued application of NORTICA 10 WP, the rhizobacteria populations in the soil. NORTICA 10 WP does not control other pests or pathogens. Control of nematodes and other pests in turf may require the use of other products. 

NORTICA 10 WP is not recommended for use in early in the season (when average soil temperature at a 2 inch depth > 60˚ for 5 consecutive days) or discontinued during a slow period for root growth. Maintain adequate soil moisture for spring, prior to the first new flush of roots. Apply when soil temperatures have reached 60°F or 16°C. 

Examples of NORTICA 10 WP Application Programs

SUCCEEDING RATES (Select one of the example programs below)

Rate (oz)/1000 sq ft

(6.4 oz) (9.6 oz) (12.9 oz)

Net Contents 35 Pounds

For use on golf courses in FL, we recommend you follow SL191, “Recommendations for the Use of Rhizobacteria in Florida Turfgrass.” 

For more information, visit us at http://edis.ifas.ufl.edu/SS404 or “Best Management Practices for the Enhancement of Environmental Quality.”  

Nortica 10 WP  

BAKER CropScience

2 T. W. Alexander Drive

Research Triangle Park, NC 27709

Phone: 1-800-858-7172

Email: customer.service@bayercropscience.com

Bayer CropScience

F1559

Fertilizer Grade 14-0-21

Pre-SEED

Alphabacillus firmus

Active Ingredient:

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water if skin contact occurs. If on skin or clothing, wash immediately with soap and water. If in eyes, rinse with plenty of cool water for 15 minutes. If irritation persists, get medical attention. 

FIRST AID

• Call a poison control center or doctor for treatment advice. If on skin
• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. If irritation persists, get medical attention. 

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Pests Controlled

Insects: 

KEEP OUT OF REACH OF CHILDREN

CAUTION

Pro-Mix M4 and HGM was sensitive to NORTICA 10 WP in 48 Hours. 

This product is non-toxic to mammals and will not harm beneficial insects or predatory mites. NORTICA 10 WP is not an antibiotic and will not affect the useful microflora in the soil. 

PRECAUTIONARY STATEMENTS

IMPORTANT: READ BEFORE USE

For non-registered uses of this product, contact your local Agricultural Extension Service, County Agent or State Agricultural Extension Service. For use in Furrow Irrigation, NORTICA 10 WP may be applied as an emulsion and then emulsifiable concentrate. Mix thoroughly and let stand for at least five minutes prior to use, as follows: Using a suitable container add proportional amounts of NORTICA 10 WP to water, then add wettable powders, followed by water dispersible granules, liquid flowables, and then emulsifiable concentrates. Mix thoroughly and let stand for at least five minutes prior to use. 

With the continued application of NORTICA 10 WP, the rhizobacteria populations in the soil. NORTICA 10 WP does not control other pests or pathogens. Control of nematodes and other pests in turf may require the use of other products. 

IMPORTANT:

S. cerevisiae 

• Do not add products which lower the spray tank acidity below pH 5. 

To register NORTICA 10 WP for non-registered use, submit a petition to the curb. 

NORTICA 10 WP is only for turfgrass 

Bacillus firmus 

F1559 

• Coveralls 

• shoes plus socks 

Applicators and other handlers must wear: 

• rubber boots 

Pesticide Storage:

PESTICIDE STORAGE:

Nonrefillable container. Do not reuse or refill this container. 

Dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and Federal regulations, by disposal through waste management facilities other than landfills. 

For more information, visit us at http://edis.ifas.ufl.edu/SS404 or “Best Management Practices for the Enhancement of Environmental Quality.” 

SUCCEEDING RATES (Select one of the example programs below)