

# Foltec®

## Nitroplast-S™

### 19-1-4

- Designed for use on turf & ornamental plants
- Provides NPK & essential micronutrients
- Includes **seaplant** nutrients
- Contains protein hydrolysate

**Foltec - the ideal complement to a baseline nutrition program**

#### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	19.00%
3.00% Ammoniacal Nitrogen	
14.00% Urea Nitrogen	
2.00% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	1.00%
Soluble Potash (K <sub>2</sub> O) .....	4.00%
Copper (Cu) .....	0.10%
0.10% Water Soluble Copper (Cu)	
Iron (Fe) .....	0.50%
0.50% Water Soluble Iron (Fe)	
Manganese (Mn) .....	0.18%
0.18% Chelated Manganese (Mn)	
Zinc (Zn) .....	0.10%
0.10% Chelated Zinc (Zn)	

Plant nutrients derived from: urea, ammonium nitrate, ammonium phosphate, potassium citrate, iron sulfate, manganese EDTA, zinc EDTA, copper EDTA, kelp, protein hydrolysate **F292**

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-ap.com>.

### 10.43 Lbs per Gallon

### Net Contents 2.5 Gal (9.45 liters)

APT19M2X250.1 - A12



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## Florida Applications:

We recommend that you follow the Florida Green Industries BMP's at [http://www.flaes.org/pdf/BMP\\_Book\\_final.pdf](http://www.flaes.org/pdf/BMP_Book_final.pdf)

## Florida Applications:

We recommend that you follow the Florida Golf Course BMP's at <http://www.flaes.org/pdf/gjfbmp07.pdf>

## PRODUCT SPECIFICATIONS:

Pounds Per Gallon:	10.43
pH	6.13
Specific Gravity:	1.25
Pounds of Nitrogen per gallon:	1.99
Pounds of Phosphorous per gallon:	0.10
Pounds of Potassium per gallon:	0.42

## APPLICATION RATES

Per 1,000 Sq. Ft.	
# N	Fl. Ounces
0.05	3
0.1	6
0.2	12

## DIRECTIONS FOR USE: Shake well before using.

**Turf Applications:** Foltec Nitroplast-S may be applied as a foliar spray application on all turf grasses (cool, transitional, and warm season) including lawns, athletic fields and golf courses: fairways, greens, and tees. Apply anytime during the growing season, from the time turf starts greening up in spring until active growth stops in late fall. May be applied to wet or dry foliage. Multiple applications enhance performance of this product. A sound fertility program is most effective when used continually in conjunction with dispersible granular nutrition products spaced throughout the growing season. Consult your Andersons territory manager or distributor sales representative for a customized application program utilizing Andersons granular and fluid fertilizer products. Allow foliage to dry prior to irrigation. Water turf prior to next mowing to remove any remaining product from foliage.

**Dilution Information:** Determine desired N application rate and the intended dilution (fertilizer should be applied as a spray solution with a total volume of 1-2 gallons/1000 square feet).

**Cool Season Turf Application Rates:** (3-6 fluid ounces product/1,000 sq. ft.) may be repeated at 7-14 day intervals.

**Warm Season Turf Application Rates:** (4-12 fluid ounces product/1,000 sq. ft.) may be repeated at 7-14 day intervals.

**Tank Mixing:** Shake or agitate product before use. Add 1/2 of the total water to the spray tank. Activate sprayer agitation, measure appropriate volume of fertilizer concentrate and add to the spray tank. Bring spray tank to total volume of water. Adequate agitation is required to keep product in suspension. If tank mixing with pesticides, test compatibility before adding to spray mix. Perform a small jar test.

## Tree and Ornamental Applications:

**Deep Root Feeding:** Apply Foltec Nitroplast-S in spring after the last frost, but prior to bud opening. In the fall, delay application until tree has

dropped most of its leaves or soil temperature is 50° F or less. Inject Foltec Nitroplast-S into the top 4 - 8 inches on a grid pattern two to three feet apart so that the area below the tree canopy plus one third of the area outside the canopy will be treated. Suggested rates of application are 0.5 to 2.0 pounds of N per thousand square feet.

Diameter Breast Height (DBH) Method	
Pounds of N per inch	Amount of fertilizer per 100 gallons water
.056	64 oz.
.083	1.01 gal.
.167	1.51 gal.

Apply 5 gallons of tank mix per inch diameter. Always measure diameter at 4 1/2 feet above ground.

Application Rate at 75 Gallons per 1,000 Sq. Ft.			
Tank Size in Gallons	Gallons Foltec Nitroplast-S		
	1/2 lb. N	1 lb. N	2 lb. N
75	0.25	0.50	1.01
100	0.34	0.67	1.34
150	0.50	1.01	2.01
200	0.67	1.34	2.68
300	1.01	2.01	4.02
600	2.01	4.02	8.04
1000	3.35	6.70	13.40

For ground area method, measure below drip line of tree. Rates of 1/2 - 2 lbs. of nitrogen are recommended. Evergreens usually require slightly higher nitrogen than deciduous trees.

**Foliar Sprays:** May be used in foliar tree and shrub feeding program and applied in conjunction with a crop protection chemical program. It is recommended to do a "jar test" for compatibility. A suggested rate of application is one gallon of product per 100 gallons of spray solution. For concentrated sprays of less than 100 gallons, reduce the rate of product to stay within the recommended solution ratio. CAUTION - should be exercised by the professional applicator before applying Foltec Nitroplast-S to sensitive trees and shrubs.

**Fertigation:** For fairway turf, follow rates recommended by fertigation equipment and existing fertility program. For horticultural applications, follow Best Management Practices for crop being grown and the type of fertigation equipment being used. Take into account other products being applied through fertigation equipment prior to using Foltec Nitroplast-S product.

**Caution:** Please keep out of reach of children. May cause eye and skin irritation. Avoid contact with eyes, skin or clothing. May be harmful if inhaled. Avoid breathing mist. In case of contact, immediately flush eyes or skin with plenty of water. Discontinue use and get medical attention if irritation persists. Wear safety goggles and gloves to minimize exposure.

## Precautions:

Test chemical compatibilities before tank mixing. Do not apply to foliage of any plant when temperatures are likely to approach or exceed 90°F. Avoid applications during high stress periods, or when plants are not actively growing, or during hot, dry periods of the day. Not recommended for sole use when planting new turf areas unless indicated by soil testing.

## Storage and Use:

Store in a cool dry place. Do not store in temperatures above 95°. Keep from freezing. Use product within 12 months of purchase date.

## IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

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THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE JURISDICTION TO STATE JURISDICTION.

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