

Brandt Noculate Winstar

High Impact Starter Fertilizer

Product Data Bulletin

Features

- Contains beneficial microbes, humic matter and wetting agents
- Enhances seed germination and rooting
- Contains enhanced slow release micronutrients Manganese, Iron, Magnesium, Calcium and Zinc

Designed specifically as a high impact starter fertilizer, BRANDT NOCULATE WINSTAR is ideal for overseeding, renovation and even new sod. Whether for spring green up, or building roots in winter months, BRANDT NOCULATE WINSTAR is designed to enhance turf with its unique package of beneficial microbes, surfactant, and humic matter, along with 33% slow release Nitrogen, and high content Phosphorous and Potassium.

The unique 1-2-2 ratio of N to P and K provides just the right nutritional balance for winterizing, overseeding, and renovation time. For total balanced nutrition, BRANDT NOCULATE WINSTAR also includes high levels of Iron, Manganese, Magnesium, Calcium and Zinc.

Directions for Use

Greens, Tees & Fairways

To deliver 1 lb. each of Nitrogen per 1000 sq. ft., apply BRANDT NOCULATE WINSTAR at the rate of 11.1 lbs. per 1000 sq. ft. or approximately 9.7 of the 50 lb. bags per acre.

To deliver 1/2 lb. each of Phosphate and Potash per 1000 sq. ft., apply BRANDT NOCULATE WINSTAR at the rate of 5.6 lbs. per 1000 sq. ft. or approximately 4.8 of the 50 lb. bags per acre.

Use a minimum of 1 gallon water per 1,000 square feet with ground spray equipment. The use of an adjuvant may be desired to improve the properties of spray solution. Performing trials with adjuvants may be useful in determining the best inclusion rates for optimal performance. Optimum rate of application will vary depending on your soil properties such as soil pH, organic matter content and soil texture, weather conditions, time of year and general turf health and species. For best results, follow soil test or plant analysis recommendation.



Guaranteed Analysis 9-18-18

Total Nitrogen (N)	9.00%
3.7% Ammoniacal Nitrogen	
4.0% Water Insoluble Nitrogen	
1.3% Slowly Available Water Soluble Nitrogen*	
Available Phosphate (P ₂ O ₅)	18.00%
Soluble Potash (K ₂ O)	18.00%
Calcium (Ca)	0.50%
Magnesium (Mg)	0.40%
0.40% Water Soluble Magnesium	
Sulfur (S)	6.00%
6.00% Combined Sulfur	
Iron (Fe)	1.00%
Manganese (Mn)	3.00%
3.00% Water Soluble Manganese	
Zinc (Zn)	0.25

Derived from Urea, Methylene Urea, Monoammonium Phosphate, Potassium Sulfate, Iron Sucrate, Magnesium Sucrate, Manganese Sucrate and Zinc Sucrate.

CONTAINS NON PLANT FOOD INGREDIENTS:

Bacillus subtilis 500,000 CFU per gram, Bacillus licheniformis 500,000 CFU per gram, Bacillus pumilus 500,000 CFU per gram, Bacillus megaterium 500,000 CFU per gram, Bacillus coagulans 500,000 CFU per gram, Bacillus coagulans 500,000 CFU per gram, Paenibacillus polymyxa 500,000 CFU per gram, Paenibacillus durum 500,000 CFU per gram
Humic Acid derived from U.S.A. Leonardite 2.0%
Wetting Agent 1.0%
(Blend of Co-Polymers of Polyethylene & Polyether Modified Trisiloxanes)

Purpose: Microbes decompose organic materials in the soil; Humic Acid to increase uptake of micronutrients; Wetting agents reduce surface tension improving permeation characteristics of water through the soil.

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