



SANCTUARY TDN[®]

11-21-21 GREENS GRADE

SANCTUARY TDN[®] 11-21-21 is a water-soluble organic hybrid nutrient product containing beneficial bacteria. This product delivers a controlled release nitrogen that provides a sustainable fertilizer to promote rooting and stress tolerance. In addition, this product contains non-nutrient nutritional components that include carbohydrates, humic acids and yucca. These nutritional ingredients stimulate a wide range of the beneficial soil microbial populations to enhance nutrient delivery. This approach helps to manage common plant, weather and stress problems while promoting plant resilience. This product can be injected into the root zone or applied as a soil drench for ornamental horticultural applications. Plus, this product can be broadcasted sprayed for golf and sports turf applications. Sanctuary 11-21-21 provides a controlled; sustained release of these nutrients throughout the growing season. This product can be used throughout the growing season to improve rooting, microbial stimulation and overall plant health. This product is ideal for all types of ornamental and landscape plants – plus this is a great product for golf and sports turf under summer stress.

SANCTUARY BENEFITS



- 1 Provides Nutrients that Promotes Rooting and Overall Plant & Turf Resilience**
- 2 Stimulates Beneficial Microbial Populations to Enhance Nutrient Availability and Uptake**
- 3 Delivers a Non Ionic Organic Wetting Agent to Improve Water Infiltration**
- 4 Promotes Nutrient Availability in All Soil Types and pH Levels**
- 5 Delivers a Non Burning, Low Salt Nutrient to Maximize Turf & Plant Safety**

THE SANCTUARY DIFFERENCE - TOTAL DIGESTIBLE NUTRIENT VALUE[®]

SANCTUARY GOLF

11-21-21 GREENS GRADE

GUARANTEED ANALYSIS

Nitrogen (N).....	11.0%
2.1% Ammoniacal Nitrogen	
2.0% Nitrate Nitrogen	
6.9% Urea*	
Available Phosphate (P2O5)	21.0%
Soluble Potash (K2O).....	21.0%
Boron (B).....	0.02%
0.02% Water Soluble Boron (B)	
Copper (Cu)	0.05%
0.05% Chelated Copper	
Iron (Fe).....	0.10%
0.10% Chelated Iron	
Manganese (Mn)	0.05%
0.05% Chelated Manganese	
Molybdenum (Mo).....	0.0009%
0.0009% Water-Soluble Molybdenum	
Zinc (Zn)	0.05%
0.05% Chelated Zinc	

Derived from: Urea*, Ammonium Sulfate, Potassium Phosphate, Potassium Nitrate, Boric Acid, Iron, EDTA, Manganese EDTA, Zinc EDTA, Copper EDTA, Ammonium Molybdate.

*Contains 6.9% urea stabilized nitrogen with Dicyandiamide and N-(n-butyl) thiophosphoric triamide.

DIRECTIONS FOR USE ON GREENS

SOIL INJECTION:

Mix the recommended amount of Sanctuary 11-21-21 with water, and inject into the soil to a depth of 8 to 10 inches. Start injections immediately past the root flare, being careful to avoid damage to large woody roots. Where possible, injections should cover the entire area beneath the canopy and just beyond the drip line.

STANDARD INJECTION RATE:

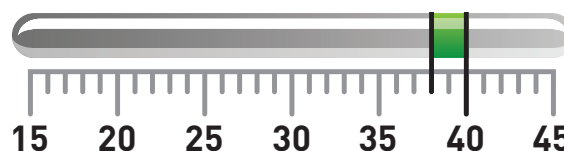
4-Lbs per 1250 sq. ft.

- **Mix** 4-Lbs Sanctuary 11-21-21 per 100-Gal water.
- **Inject:** 100-Gal per 1250 sq ft. (2 quarts per injection on 2 1/2 foot centers) or 5-Gal per inch DBH (diameter at breast height)

SOIL DRENCH:

- **Mix** 4-Lbs Sanctuary 11-21-21 per 100-Gal water
- **Drench:** the entire area beneath the canopy. For established trees apply 100-Gal per 1250 sq ft. For container trees apply 1/4 of container volume

TDN VALUE (TOTAL DIGESTIBLE NUTRIENT VALUE)



Natural fertilizers stimulate the soil microbes due to their nutritional value or TDN Value. The higher the TDN value - the greater the impact on agronomic results.

Traditional Fertilizer.....0 TDN

Bio Solid Fertilizer2 TDN

Poultry Litter Fertilizer20 TDN

Protein Meal Fertilizers....80 TDN



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