



the **Sanctuary**<sup>®</sup>  
Working With Nature

# 11-21-21

## Horticultural & Turf Applications

**Sanctuary 11-21-21 CRN + Probiotics** 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.

### BENEFITS

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

### GUARANTEED ANALYSIS

**Nitrogen (N)** . . . . .11.0%  
 2.1% Ammoniacal Nitrogen  
 2.0% Nitrate Nitrogen  
 6.9% Urea\*  
**Available Phosphate (P<sub>2</sub>O<sub>5</sub>)** . . . . .21.0%  
**Soluble Potash (K<sub>2</sub>O)** . . . . .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.

### MICROORGANISMS

Bacillus subtilis 20,000,000 CFU per lb  
 Bacillus licheniformis 20,000,000 CFU per lb  
 Bacillus firmus 20,000,000 CFU per lb  
 Bacillus amyloliquefaciens 20,000,000 CFU per lb  
 Bacillus megaterium 20,000,000 CFU per lb  
 Bacillus pumilus 20,000,000 CFU per lb  
 Bacillus azotoformans 20,000,000 CFU per lb  
 Bacillus coagulans 20,000,000 CFU per lb  
 Paenibacillus polymyxa 20,000,000 CFU per lb  
 Paenibacillus durum 20,000,000 CFU per lb  
 Streptomyces lydicus 200,000 CFU per lb  
 Trichoderma hamatum 200,000 CFU per lb  
 Saccharomyces cerevisiae 200,000 CFU per lb

WARRANTY: The Sanctuary, Inc. warrants that this product conforms to the analysis on its label. When used in accordance with label directions, under normal conditions, this product is reasonably fit for its intended purposes. Since timing, method of application, weather, plant, and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

## DIRECTIONS FOR USE

### 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)

### Golf and Lawn Care Maintenance

Application	Rate	Water Volume	Application Method	Coverage
Greens & Tees	4 lb	50 Gallons	Soil Spray	Acre
Lawns	1 lb	50 Gallons	Soil Spray	10,000 sq. ft.
At Seeding	1 lb	50 Gallons	Soil Spray	10,000 sq. ft.
Hydroseeding	5 lb	50 Gallons	Soil Application	10,000 sq. ft.
At Sod	5 lb	50 Gallons	Soil Drench	Acre

### 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.

### Non Plant Food Ingredients

**Humic Acid**  
**Sea Kelp Extract**  
**Yucca Extract**  
**Yeast Extract**  
**Maltodextrin**  
**Dextrose**