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-nitrogenic ingredients that stimulate a wide range of beneficial soil microbial populations to enhance nutrient delivery. This approach helps in managing both plant health, 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**
- Provides Plant Nutrients that Promotes Rooting and Overall Plant Resilience.
- Stimulates Beneficial Microbial Populations to Enhance Nutrient Availability and Uptake.
- Delivers a Non-Ionic Organic Wetting Agent to Improve Water Infiltration and Conservation.
- Provides a Slow, Sustainable Release ofNutrients.
- Promotes Nutrient Availability in All Soil Types and pH Levels.
- Delivers a Non Burning, Low Salt Nutrient to Maximize Plant Safety.

**Guaranteed Analysis**

<table>
<thead>
<tr>
<th>Nitrogen (N)</th>
<th>2.1% Ammoniacal Nitrogen</th>
<th>0.0% Nitrate Nitrogen</th>
<th>6.9% Urea</th>
<th>Available Phosphate (P₂O₅)</th>
<th>21.0% Soluble Potash (K₂O)</th>
<th>0.0% Barion (B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper (Cu)</td>
<td>0.05% Chelated Copper</td>
<td>Iron (Fe)</td>
<td>0.10%</td>
<td>Manganese (Mn)</td>
<td>0.05% Chelated Manganese</td>
<td>Molybdenum (Mo)</td>
</tr>
<tr>
<td>Zinc (Zn)</td>
<td>0.0005% Water Soluble Molybdenum</td>
<td>0.05% Chelated Zinc</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Derived from Urea: Ammonium Sulphate, Potassium Phosphate, Potassium Nitrate, Rock Salt, Irish Gypsum, Manganese EDTA, Zinc EDTA, Copper EDTA, Ammonium Molybdate. Contains 6.5% mono- and di-stabilized nitrogen with Glycine and di-stabilized nitrogen in tablets.

**Microorganisms**
- Barilus solubilis 20,000,000 CFU per lb
- Barilus lecanionensis 20,000,000 CFU per lb
- Barilus fumos 20,000,000 CFU per lb
- Barilus megareus 20,000,000 CFU per lb
- Barilus parvulus 20,000,000 CFU per lb
- Barilus aerocornus 20,000,000 CFU per lb
- Barilus coagulat 20,000,000 CFU per lb
- Parabacillus polymyxa 20,000,000 CFU per lb
- Parabacillus durum 20,000,000 CFU per lb
- Trichoderma harmanum 200,000 CFU per lb
- Serratia marcescens cerivisiae 200,000 CFU per lb

**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 11-21-21 per 100-Gallon water**
- **Inject 100-Gallon per 1250 sq. ft. (2 quart per injection on 2 1/2 foot centers) or 5-Gallon per inch DBH (diameter at breast height)**

**Golf and Lawn Care Maintenance**

<table>
<thead>
<tr>
<th>Application</th>
<th>Rate</th>
<th>Water Volume</th>
<th>Application Method</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green’s &amp; Tees</td>
<td>6 lb</td>
<td>50 Gallons</td>
<td>Soil Spray</td>
<td>Ace</td>
</tr>
<tr>
<td>Lawn</td>
<td>1 lb</td>
<td>50 Gallons</td>
<td>Soil Spray</td>
<td>10,000 sq. ft.</td>
</tr>
<tr>
<td>At Seeding</td>
<td>1 lb</td>
<td>50 Gallons</td>
<td>Soil Spray</td>
<td>10,000 sq. ft.</td>
</tr>
<tr>
<td>Hydroseeding</td>
<td>5 lb</td>
<td>50 Gallons</td>
<td>Soil Application</td>
<td>10,000 sq. ft.</td>
</tr>
<tr>
<td>At Seed</td>
<td>5 lb</td>
<td>50 Gallons</td>
<td>Soil Drench</td>
<td>Ace</td>
</tr>
</tbody>
</table>

**Soil Drench**

- Mix 4 lbs Sanctuary 11-21-21 per 100-Gallon water
- Drench: the entire area beneath the canopy. On 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
- Yeast Extract
- Yeast Extract
- Molasses
- Drystrobe

**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, soil and conditions, mixtures 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 under directions, or other conditions which are beyond our control. The user assumes all risk of any such use.