

PHC® for Trees SRN 11-22-22

PHC® for Trees SRN 11-22-22 is a highly dispersible, combination product that provides both chemical and biological fertility. Its chemically-based elements address trees' immediate nutritional needs, while its beneficial microbes will sustain fertility over the long term. Key elements are finely ground so that the product will not clog spray equipment. A new surfactant technology (RZ3) helps the product to readily penetrate soil. *PHC® for Trees SRN 11-22-22:*

- Is a low to moderate nitrogen fertilizer ideal for fall applications or other situations where low nitrogen levels are preferred
- 50% of its nitrogen is in a slow-release form, following ANSI 300 recommendations
- Provides both macro- and micronutrients to replenish seasonal (short-term) fertility requirements, and promote growth, health, and vigor
- Provides select microbes that fix atmospheric nitrogen, solubilize phosphorus, and release bound mineral elements in soluble form through decomposition of organic materials, for long-term fertility benefits
- Can be applied by soil injection or by drench
- Is compatible with MycorTree Injectable and other mycorrhizal fungal inoculant products

DIRECTIONS FOR USE

SOIL INJECTION: Mix recommended amount of PHC® for Trees with water, and inject in 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.

Using 11-22-22, the recommended rate below will apply 0.6-Lbs of nitrogen and 1.3-Lbs of both phosphorus (P₂O₅) and potassium (K₂O) per 1000 square feet.

Standard Injection Rate:

- Mix 8-Lbs PHC® for Trees per 100 gallons of water
- **SOIL INJECT:**
- 100 gallons per 1250 sq ft (2 quarts per injection on 2.5 foot centers) *or*
- 5 gallons per inch DBH (diameter at breast height)

Compacted or Nonporous Soils:

- Mix 16-Lbs PHC® for Trees per 100 gallons of water
- **SOIL INJECT:**
- 100 gallons per 2500 sq ft (1 quart per injection on 2.5 foot centers) *or*
- 2.5 gallons per inch DBH (diameter at breast height)

SOIL DRENCH: Mix 8-Lbs PHC® for Trees with 100 gallons of water and drench the entire area beneath the canopy. This rate covers 1250 sq ft. For best results, follow with water application to rinse the product into the soil.

Not recommended for foliar application.

Mixed solution should be used within a 12 hour period.

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SLOW RELEASE, LOW NITROGEN BIOFERTILIZER

GUARANTEED ANALYSIS SRN 11-22-22

Total Nitrogen(N)	11%
2.6% Ammoniacal Nitrogen	
2% Nitrate Nitrogen	
0.8% Urea	
1.2% Slowly Available Water Soluble Nitrogen*	
4.4% Water-Insoluble Nitrogen	
Available phosphate(P ₂ O ₅)	22%
Soluble potash(K ₂ O)	22%
Boron (B)	0.02%
0.02% Soluble Boron	
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% Soluble Molybdenum	
Zinc (Zn).....	0.05%
0.05% Chelated Zinc	

*Slowly available Nitrogen from Ureaformaldehyde

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

Potential Acidity: 461-Lb Calcium carbonate equivalent per ton

NON PLANT FOOD INGREDIENTS % by Weight

Soluble humates derived from Leonardite	2.8%
1.8% Humic acids	
Soluble seaweed extract	2.2%
Natural sugars (dextrose)	0.8%
Yeast Extract.....	0.3%
RZ-3 (a proprietary surfactant)	2.8%
Rhizosphere bacteria	2.8 Billion/Lb

STORAGE/SHELF LIFE

This product is stable in cool, dry storage conditions. Refer to expiration date on package. Do not expose to direct sunlight for extended periods.

HEALTH AND SAFETY INFORMATION

- In case of allergic reaction(s), treat symptoms and contact physician.
- In case of ingestion, seek medical attention
- **Keep out of reach of children.**

PACKAGING

8-Lb bags and 40-Lb bags

TECHNICAL ASSISTANCE

For technical assistance, call 1-800-421-9051



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