

Tree & Shrub Deep Root Feed

Tree & Shrub Deep Root Feed 28-6-12^{PLUS} is a sprayable/injectable grade of fertilizer that is designed to be used in tanks equipped with constant agitation. It is a combination of soluble and suspendable materials of such a fine particle size that only a minimum of agitation is required. It also gives a constant supply of slow release nitrogen throughout the growing season.

Application Recommendations: Use a Needle Injector to inject at 150 to 200 pounds pressure in the area of the trees feeder roots. Ninety percent of a trees feeder roots are in the top two feet of soil, with most in the first eight inches. This network of feeder roots extends out from the tree trunk to 3 to 6 feet beyond the drip line. Use equipment with good mechanical agitation. Injections should be made every 8 to 12 inches, placing 1/2 gallon of fertilizer solution per injection. The first application should be made in early spring just after new growth or budding is evident. A second application may be made in late spring.

Guaranteed Analysis (For continuous liquid feeding)			
28-6-12+ Tree & Shrub Deep Root Feed	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	28%	560	200 PPM as N
10.48% Urea Nitrogen			
17.52% Methylenediurea			
Available Phosphate (P ₂ O ₅)	6%	120	43 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	12%	240	86 PPM as K ₂ O
Magnesium (Mg)	0.04%	0.8	.029 PPM as Mg
Sulphur (S) (Combined)	3.18%	63.6	22.7 PPM as S
Boron (B)	0.02%	0.40	0.14 PPM as B
Copper (Cu)	0.05%	1.0	0.36 PPM as Cu
0.05% Water Soluble Copper (Cu)			
Iron (Fe).....	0.16%	3.2	1.14 PPM as Fe
0.16% Water Soluble Iron (Fe)			
Manganese (Mn)	0.06%	1.2	0.43 PPM as Mn
0.06% Water Soluble Manganese (Mn)			
Zinc (Zn)	0.05%	1.0	0.36 PPM Zn
0.05% Water Soluble Zinc (Zn)			
Derived from Potassium Phosphate, Potassium Sulfate, Ureaform, Borax, and the Sulfate form of Copper, Iron, Manganese and Zinc. Potential acidity equivalent to 368 lbs. Calcium Carbonate per ton.			

Nitrogen Parts Per Million Chart				
Injector Ratio	Ounces required per Gallon of concentrate			
	100 PPM	150 PPM	200 PPM	300 PPM
1:50	2.38	3.57	4.76	7.14
1:100	4.76	7.14	9.52	14.28
1:150	7.14	10.71	14.28	21.42
1:200	9.52	14.28	19.04	28.56
1:300	14.28	21.42	28.56	42.84
Based on 1/2 gallon per square foot coverage. Two Tablespoons equals One Ounce (approximately) One Cup equals One Pound (approximately)				

Conductivity of 28-6-12 using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	NA
100 PPM Nitrogen =	NA
150 PPM Nitrogen =	NA
200 PPM Nitrogen =	NA
300 PPM Nitrogen =	NA
400 PPM Nitrogen =	NA
500 PPM Nitrogen =	NA