

Tree & Shrub Special

Tree & Shrub Special 25-15-10^{PLUS} was developed primarily as an all purpose feed for container grown stock in nurseries and as a general spray feed for institutional and park grounds maintenance. It produces excellent color, vigorous roots and promotes rapid development of all evergreen stock. It is also excellent on small trees and shrubs. It has a relatively high potential acidity which helps to lower the pH of the applied solution as well as the soil mix.

MIXING RATE FOR 200 PPM NITROGEN HOSE END SPRAYER:
1:15 ratio- Premix 1.6 oz. per gallon (12 grams per litre).
TANK: 0.11 oz. per gallon (0.8 gram per litre).
PROPORTIONER:
1:100 ratio use 10.66 oz. per gal. of concentrate (80 grams per litre).
OTHER RATIOS: Multiply ratio times weight divided by 100.
OTHER PPM: Multiply desired PPM times weight divided by 200. Increase or decrease PPM according to response.

Guaranteed Analysis			
(For continuous liquid feeding)			
25-15-10+ Tree & Shrub Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	25%	500	200 PPM as N
6.60% Ammoniacal Nitrogen			
2.95% Nitrate Nitrogen			
15.45% Urea Nitrogen			
Available Phosphate (P ₂ O ₅)	15%	300	120 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	10%	200	80 PPM as K ₂ O
Magnesium (Mg)	0.02%	0.40	0.16 PPM as Mg
Sulphur (S) (Combined)	4.17%	83.4	33 PPM as S
Boron (B)	0.02%	0.40	0.16 PPM as B
Copper (Cu)	0.05%	1.00	0.40 PPM as Cu
0.05% Water Soluble Copper (Cu)			
Iron (Fe)	0.10%	2.00	0.80 PPM as Fe
0.10% Chelated Iron (Fe)			
Total Manganese (Mn)	0.05%	1.00	0.40 PPM as Mn
0.05% Water Soluble Manganese (Mn)			
Molybdenum (Mo)	0.0009%	0.018	0.0072 PPM as Mo
Zinc (Zn)	0.05%	1.00	0.40 PPM as Zn
0.05% Water Soluble Zinc (Zn)			

Derived from Ammonium Phosphate, Ammonium Sulphate, Potassium Nitrate, Magnesium Sulphate, Urea, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese Sulfate and Zinc Sulfate Potential acidity equivalent to 1090 lbs. Calcium Carbonate per ton. Chlorine content not more than .01%.

Nitrogen Parts Per Million Chart				
Injector Ratio	Ounces required per Gallon of concentrate			
	100 PPM	150 PPM	200 PPM	300 PPM
1:50	2.67	4.00	5.34	8.01
1:100	5.33	7.99	10.66	15.99
1:150	8.01	12.01	16.02	24.03
1:200	10.66	15.99	21.32	31.98
1:300	15.99	23.98	31.98	47.97

Based on 1/2 gallon per square foot coverage.
Two Tablespoons equals One Ounce (approximately)
One Cup equals One Pound (approximately)

Conductivity of 25-15-10+	
using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.15 Millimhos/CM
100 PPM Nitrogen =	.31 Millimhos/CM
150 PPM Nitrogen =	.46 Millimhos/CM
200 PPM Nitrogen =	.62 Millimhos/CM
300 PPM Nitrogen =	.92 Millimhos/CM
400 PPM Nitrogen =	1.23 Millimhos/CM
500 PPM Nitrogen =	1.55 Millimhos/CM