

Potted Plant Special

Potted Plant Special 17-0-17^{PLUS} is an excellent Cal/Mag formulation. This analysis works well for the delivery of these two secondary macronutrients without having a dramatic impact on media pH. With 80% of its Nitrogen in the Nitrate form and good amounts of both Calcium and Magnesium, this formulation is an excellent choice for Geraniums and other potted crops and is effective in controlling the color in Pink Hydrangeas and can be used as an occasional Lily food.

MIXING RATE FOR 200 PPM NITROGEN HOSE END SPRAYER: 1:15 ratio- Premix 2.35 oz. per gallon (17.65 grams per litre).
TANK: 0.16 oz. per gallon (1.18 grams per litre).
PROPORTIONER: 1:100 ratio use 15.68 oz. per gal. of concentrate (118 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 PPMN according to crop response.

Guaranteed Analysis (For continuous liquid feeding)			
17-0-17+ Potted Plant Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	17%	340	200 PPM as N
3.4% Ammoniacal Nitrogen			
13.6% Nitrate Nitrogen			
Soluble Potash (K ₂ O)	17%	340	200 PPM as K ₂ O
Calcium (Ca)	4.0%	80	47 PPM as Ca
Magnesium (Mg)	2.0%	40	24 PPM as Mg
Boron (B)	0.02%	0.4	0.24 PPM as B
Copper (Cu)	0.01%	0.2	0.118 PPM as Cu
0.01% Chelated Copper (Cu)			
Iron (Fe)	0.075%	1.5	0.88 PPM as Fe
0.075% Chelated Iron (Fe)			
Manganese (Mn)	0.04%	0.8	0.47 PPM as Mn
0.04% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0079%	0.15	0.088 PPM as Mo
Zinc (Zn)	0.02%	0.4	0.24 PPM as Zn
0.02% Chelated Zinc (Zn)			
Derived from Ammonium Nitrate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential basicity equivalent to 43 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	3.92	5.88	7.84	11.76
1:100	7.84	11.76	15.68	23.52
1:150	11.76	17.64	23.52	35.28
1:200	15.68	23.52	31.36	47.04
1:300	23.52	35.28	47.04	70.56
Based on 1/2 gallon per square foot coverage. Two Tablespoons equals One Ounce (approximately) One Cup equals One Pound (approximately)				

Conductivity of 17-0-17+ using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.35 Millimhos/CM
100 PPM Nitrogen =	.70 Millimhos/CM
150 PPM Nitrogen =	1.05 Millimhos/CM
200 PPM Nitrogen =	1.40 Millimhos/CM
300 PPM Nitrogen =	2.10 Millimhos/CM
400 PPM Nitrogen =	2.80 Millimhos/CM
500 PPM Nitrogen =	3.50 Millimhos/CM