

Poinsettia Special

With high levels of nitrate nitrogen (72%), magnesium (1.35%) low boron, but with increased levels of trace elements including higher levels of molybdenum, Poinsettia Special 15-5-25^{PLUS} has been specially formulated for poinsettias unique fertility requirements. It promotes excellent color, sturdy stems better control of growth. It can generally be used throughout the crops growing cycle or in combination with Nutriculture Hi-Cal 15-0-15 which will provide calcium. Begin use early in the plant growth cycle providing 250-300 PPM Nitrogen as a constant feed. Regulate the concentration based on growth response and weather conditions. After pinching, reduce level of fertilization for 7-10 days to encourage stem elongation. When Bracts begin to develop color, reduce fertilizer rates to 200 PPM Nitrogen or less.

MIXING RATE FOR 200 PPM NITROGEN
 HOSE END SPRAYER:
 1:15 ratio- Premix 2.67 oz. per gallon (20 grams per litre).
 TANK: 0.18 oz. per gallon (1.33 grams per litre).
 PROPORTIONER: 1:100 ratio use 17.77 oz. per gal. of concentrate (133 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)			
15-5-25+ Poinsettia Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	15%	300	200 PPM as N
4.22% Ammoniacal Nitrogen			
10.78% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	5%	100	67 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	25%	500	333 PPM as K ₂ O
Magnesium (Mg)	1.36%	27	18 PPM as Mg
Sulfur (S)	1.82%	36	24 PPM as S
1.82% Combined Sulfur (S)			
Boron (B)	0.02%	0.40	0.27 PPM as B
Copper (Cu)	0.05%	1.0	0.67 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	1.33 PPM as Fe
0.10% Chelated Iron (Fe)			
Total Manganese (Mn)	0.05%	1.0	0.67 PPM Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0733%	1.5	1.00 PPM as Mo
Zinc (Zn)	0.05%	1.0	0.67 PPM as Zn
0.05% Chelated Zinc (Zn)			
Derived from Ammonium Nitrate, Ammonium Phosphate, Potassium Nitrate, Magnesium Sulphate, Borax, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese and Zinc. Potential acidity equivalent to 50 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	4.44	6.66	8.88	13.32
1:100	8.89	13.34	17.78	26.67
1:150	13.32	19.98	26.64	39.96
1:200	17.77	26.66	35.54	53.31
1:300	26.66	39.99	53.32	79.98

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

Conductivity of 15-5-25+ using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.38 Millimhos/CM
100 PPM Nitrogen =	.76 Millimhos/CM
150 PPM Nitrogen =	1.14 Millimhos/CM
200 PPM Nitrogen =	1.52 Millimhos/CM
300 PPM Nitrogen =	2.28 Millimhos/CM
400 PPM Nitrogen =	3.04 Millimhos/CM
500 PPM Nitrogen =	3.80 Millimhos/CM