

Super Blossom

Super Blossom 5-40-17^{PLUS} works very well on all types of flowering plants, especially when the grower requires improved bud set, bud counts, and better color and size of flowers. It promotes blossoming by relieving nutritional stress as a plant enters its blossom setting stage. This high phosphate formula is also excellent as a starter solution which aids plants in rooting faster. It helps overcome transplanting shock. Its nitrogen content is low enough to prevent burning and still promote new top growth. Super Blossom is widely used in greenhouse and nursery operations to correct and supplement low phosphorous levels in established plantings.

**MIXING RATE FOR
100 PPM NITROGEN
HOSE END SPRAYER:**
1:15 ratio- Premix 4
oz. per gallon (30
grams per litre).
TANK: 27 oz. per
gallon (2 grams per
litre).
PROPORTIONER:
1:100 ratio use 26.5
oz. per gal. of concen-
trate (200 grams per
litre).
OTHER RATIOS:
Multiply ratio times
weight divided by 100.
OTHER PPM: Multiply
desired PPM times
weight divided by 100.
Increase or decrease
PPMN according to
crop response.

Guaranteed Analysis (For continuous liquid feeding)			
5-40-17+ Super Blossom	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	5%	100	200 PPM as N
2.26% Ammoniacal Nitrogen			
2.74% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	40%	800	1600 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	17%	340	680 PPM as K ₂ O
Magnesium (Mg)	0.51%	10.2	20.4 PPM as Mg
0.51% Water Soluble Magnesium (Mg)			
Sulfur (S)	0.69%	13.8	27.6 PPM as S
0.69% Combined Sulfur (S)			
Boron (B)	0.02%	0.40	0.80 PPM as B
Copper (Cu)	0.05%	1.0	2.00 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	4.00 PPM as Fe
0.10% Chelated Iron (Fe)			
Total Manganese (Mn)	0.05%	1.0	2.00 PPM as Mn
0.05% Chelated Manganese (Mn)			
Zinc (Zn)	0.05%	1.0	2.00 PPM as Mn
0.05% Chelated Zinc (Zn)			
Derived from Ammonium Phosphate, Potassium Phosphate, Sodium Nitrate, Magnesium Sulfate, Borax and the EDTA form of Copper, Iron, Manganese and Zinc. Potential acidity equivalent to 129 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	13.33	19.99	26.66	39.99
1:100	26.66	39.99	53.32	79.98
1:150	39.99	59.98	79.98	119.97
1:200	53.31	79.96	106.62	159.93
1:300	79.98	119.97	159.96	239.94
Based on 1/2 gallon per square foot coverage. Two Tablespoons equals One Ounce (approximately) One Cup equals One Pound (approximately)				

Conductivity of 5-40-17+ using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.25 Millimhos/CM
100 PPM Nitrogen =	.49 Millimhos/CM
150 PPM Nitrogen =	.75 Millimhos/CM
200 PPM Nitrogen =	.99 Millimhos/CM
300 PPM Nitrogen =	1.49 Millimhos/CM
400 PPM Nitrogen =	1.99 Millimhos/CM
500 PPM Nitrogen =	2.48 Millimhos/CM