

Blossom Booster

Blossom Booster 10-30-20 PLUS is recommended when high phosphate and potash levels are required. Excellent plant starter formulation for young plants and transplants. Ideal for Hydrangeas since the high phosphorus content ties up excess aluminum in the soil which causes a strong pink coloration in the blooms. Blossom Booster promotes better fruit set on greenhouse tomatoes and floral plants during blooming phase, induces bud set, intensifies colors, and flower size on Orchids and African Violets.

MIXING RATE FOR 200 PPM NITROGEN

HOSE END SPRAYER:

1:15 ratio - Premix 4 oz. per gallon (30 grams per litre).

TANK: 0.27 oz. per gallon (2 grams per litre).

PROPORTIONER:

1:100 ratio - use 26.6 oz. per gal. of concentrate (200 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 crop response.

Guaranteed Analysis

10-30-20+ Blossom Booster	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	10%	200	200 PPM as N
4.67% Ammoniacal Nitrogen			
5.33% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	30%	600	600 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	20%	400	400 PPM as K ₂ O
Magnesium (Mg)	0.6%	12	12 PPM as Mg
Sulfur (S) (Combined)	0.07%	1.4	1.4 PPM as S
Boron (B)	0.02%	0.4	0.4 PPM as B
Copper (Cu)	0.05%	1.0	1.0 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	2.0 PPM as Fe
0.10% Chelated Copper (Cu)			
Total Manganese (Mn)	0.11%	2.2	2.2 PPM as MN
0.11% Water Soluble Manganese (Mn)			
Molybdenum (Mo)	0.0005%	0.01	0.01 PPM as Mo
Zinc (Zn)	0.05%	1.0	1.0 PPM as Zn
0.05% Chelated Zinc (Zn)			
Derived from Ammonium Nitrate, Ammonium Phosphate, Potassium Phosphate, Potassium Nitrate, Magnesium Nitrate, Boron, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese Sulfate and Zinc EDTA. Potential acidity equivalent to 294 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	6.66	9.99	13.32	19.98
1:100	13.32	19.98	26.64	39.96
1:150	19.99	30.37	40.50	60.75
1:200	26.64	40.50	54.00	81.00
1:300	39.96	59.94	79.92	119.88

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

Conductivity of 10-30-20+

*using distilled water mixed at:
(allow +/- 10%)*

50 PPM Nitrogen =	.48 Millimhos/CM
100 PPM Nitrogen =	.96 Millimhos/CM
150 PPM Nitrogen =	1.44 Millimhos/CM
200 PPM Nitrogen =	1.92 Millimhos/CM
300 PPM Nitrogen =	2.88 Millimhos/CM
400 PPM Nitrogen =	3.84 Millimhos/CM
500 PPM Nitrogen =	4.80 Millimhos/CM