

Potash Special

Potash Special 10-20-30^{PLUS} is a unique 1-2-3 ratio that is used as an occasional feed to overcome potash deficiency, build up resistance to fungus and disease, give strength to and build up fibrous qualities of stems and leaves. The tendency of poinsettias and lilies to stretch can be controlled with this formula and it will stiffen stems on mums and carnations. It is also excellent as an occasional feed for greenhouse grown tomatoes.

Better than 80% of the nitrogen in this formula is in the nitrate form. This makes it an ideal formula for feeding during the cool dark weather. The relatively low amounts of nitrogen, most of which is in the nitrate form, combined with good phosphorous levels and high potash, give this formula the ability to give fiber and strength quickly to a crop without building up excess amounts of ammoniacal nitrogen. Many growers use it as a regular alternate feed along with other formulas such as the 12-31-14.

**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 PPMN according to crop response.

Guaranteed Analysis (For continuous liquid feeding)			
10-20-30+ Potash Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	10%	200	200 PPM as N
2.03% Ammoniacal Nitrogen			
7.97% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	20%	400	400 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	30%	600	600 PPM as K ₂ O
Sulfur (S)	0.71%	14.2	14.2 PPM as S
Boron (B)	0.02%	0.4	0.4 PPM as B
Copper (Cu)	0.05%	1.0	1.00 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	2.00 PPM as Fe
0.10% Chelated Iron (Fe)			
Total Manganese (Mn)	0.05%	1.0	1.00 PPM as MN
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0009%	0.02	.018 PPM as Mo
Zinc (Zn)	0.05%	1.0	1.00 PPM as Zn
0.05% Chelated Zinc (Zn)			

Derived from Ammonium Sulphate, Ammonium Phosphate, Potassium Phosphate, Potassium Nitrate, Borax, Sodium Molybdate, and the EDTA Form of Copper, Iron, Manganese and Zinc. Potential basicity equivalent to 69 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	19.98	29.97	39.96	59.94
1:200	26.64	39.96	53.28	79.92
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 10-20-30+ using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.50 Millimhos/CM
100 PPM Nitrogen =	.99 Millimhos/CM
150 PPM Nitrogen =	1.50 Millimhos/CM
200 PPM Nitrogen =	1.99 Millimhos/CM
300 PPM Nitrogen =	2.99 Millimhos/CM
400 PPM Nitrogen =	3.98 Millimhos/CM
500 PPM Nitrogen =	4.79 Millimhos/CM