

General Purpose/Alkaline Water

General Purpose 20-7-20 ^{PLUS} is similar to a 20-10-20 in its nitrate to ammonium ratio but has the ability to neutralize 1-1/2 times as many bicarbonates making this analysis ideal for growers with high alkalinity.

**MIXING RATE FOR
200 PPM NITRO-
GEN**

HOSE END SPRAYER:
1:15 ratio- Premix 2
oz. per gallon (15
grams per litre).

TANK: 0.13 oz. per gal-
lon (1 gram per litre).

PROPORTIONER:
1:100 ratio use 13.33
oz. per gal. of concen-
trate (100 grams per
litre).

OTHER RATIOS: Mul-
tiply 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)			
20-7-20+ General Purpose/Alkaline Water	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	20%	400	200 PPM as N
8.26% Ammoniacal Nitrogen			
11.74% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	7%	140	70 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	20%	400	200 PPM as K ₂ O
Sulfur (S)	1.9%	3.8	1.9 PPM as S
1.9% Combined Sulfur (S)			
Boron (B)	0.03%	0.60	0.30 PPM as B
Copper (Cu)	0.01%	0.2	0.1 PPM as Cu
0.01% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	1.0 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.50 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.007%	0.14	0.07 PPM as Mo
Zinc (Zn)	0.02%	0.40	0.20 PPM as Zn
0.02% Chelated Zinc (Zn)			
Derived from Ammonium Nitrate, Ammonium Sulphate, Potassium Phosphate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential acidity equivalent to 524 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	3.17	4.75	6.34	9.51
1:100	6.35	9.52	12.70	19.05
1:150	9.51	14.26	19.02	28.53
1:200	12.69	19.03	25.38	38.07
1:300	19.04	28.56	38.08	57.12
Based on 1/2 gallon per square foot coverage. Two Tablespoons equals One Ounce (approximately) One Cup equals One Pound (approximately)				

Conductivity of 20-7-20+ <i>using distilled water mixed at: (allow +/- 10%)</i>	
50 PPM Nitrogen =	.33 Millimhos/CM
100 PPM Nitrogen =	.65 Millimhos/CM
150 PPM Nitrogen =	.99 Millimhos/CM
200 PPM Nitrogen =	1.30 Millimhos/CM
300 PPM Nitrogen =	1.95 Millimhos/CM
400 PPM Nitrogen =	2.60 Millimhos/CM
500 PPM Nitrogen =	3.25 Millimhos/CM