



**General Purpose/Alkaline Water 20-7-20 PLUS**

- **Reduces high alkalinity**
- **High nitrate nitrogen for cool weather crops**

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 100 PPM NITROGEN**

HOSE END SPRAYER: 1:15 ratio-Premix 1 oz. per gallon (7.5 grams per liter).  
 TANK: 0.07 oz. per gallon (0.5 gram per liter).  
 PROPORTIONER: 1:100 ratio use 6.66 oz. per gal. of concentrate (50 grams per liter).  
 OTHER RATIOS: Multiply ratio times weight divided by 100.  
 OTHER PPM: Multiply desired PPM times weight divided by 100. Increase or decrease PPM according to crop response.

<b>Guaranteed Analysis (For Continuous Liquid Feed)</b>			
<b>20-7-20+ Alkaline</b>	<b>Percentage</b>	<b>Lbs/Ton</b>	<b>Concentration</b>
Total Nitrogen (N)	20%	400	200 PPM as N
8.26% Ammoniacal Nitrogen			
11.74% Nitrate Nitrogen			
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	7%	140	70 PPM as P <sub>2</sub> O <sub>5</sub>
Soluble Potash (K <sub>2</sub> O)	20%	400	200 PPM as K <sub>2</sub> O
Sulfur (S)	1.6%	32.8	16.4 PPM as S
1.6% 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 Sulfate, Potassium Phosphate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. CAUTION: This fertilizer is to be used on soils which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals. Potential acidity equivalent to 524 lbs. Calcium Carbonate per ton.

**NITROGEN PARTS PER MILLION CHART**

Parts per Million	50	100	150	200	300	400
<b>Injector Ratios</b>	Ounces required per gal of concentrate					
<b>1:15</b>	0.5	1	1.5	2	3	4
<b>1:50</b>	1.67	3.33	5	6.66	10	13.33
<b>1:100</b>	3.33	6.66	10	13.33	19.99	26.66
<b>1:200</b>	6.66	13.33	19.99	26.66	39.98	53.3
<b>1:300</b>	10.0	19.99	29.99	39.98	59.98	*
<b>EC (+-10%) mmhos/cm</b>	.33	.65	.99	1.30	1.95	2.60

**To Order Use Code:**  
 25 lb Bag: 200720+

\*Maximum solubility approx. 60 ozs. per gallon

