

General Purpose

General Purpose 20-10-20^{PLUS} is an all purpose feed with elevated levels of Nitrate Nitrogen to give better nutritional control when feeding the cool darker months. Commonly used as a foliar application or root feed on ornamentals, turf and nursery stock. Because it formulated to provide a balance of both major and minor elements, it is a safe choice when feeding a wide range of plant life with the same fertilizer. It will provide immediate but gentle nourishment in a form of application that can overcome and bypass other nutrient complication due to soil problems.

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

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

TANK: 0.13 oz. per
gallon (1 gram per li-
tre).

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

Guaranteed Analysis (For continuous liquid feeding)			
20-10-20+ General Purpose	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	20%	400	200 PPM as N
7.90% Ammoniacal Nitrogen			
12.10% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	10%	200	100 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	20%	400	200 PPM as K ₂ O
Magnesium (Mg)	0.10%	2.0	1.0 PPM as Mg
0.10% Water Soluble Magnesium (Mg)			
Sulfur (S)	0.10%	2.0	1.0 PPM as S
Boron (B)	0.02%	0.40	0.20 PPM as B
Copper (Cu)	0.05%	1.0	0.50 PPM as Cu
0.05% 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)	0.01%	0.20	0.10 PPM as Mo
Zinc (Zn)	0.05%	1.0	0.50 PPM as Zn
0.05% Chelated Zinc (Zn)			
Derived from Ammonium Nitrate, Potassium Phosphate, Potassium Nitrate, Borax, Sodium Molybdate; and Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential acidity equivalent to 420 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	3.33	4.99	6.66	9.99
1:100	6.66	9.99	13.32	19.98
1:150	9.99	14.98	19.98	29.97
1:200	13.33	19.99	26.66	39.99
1:300	19.99	29.98	39.98	59.97
Based on 1/2 gallon per square foot coverage. Two Tablespoons equals One Ounce (approximately) One Cup equals One Pound (approximately)				

Conductivity of 20-10-20 using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.31 Millimhos/CM
100 PPM Nitrogen =	.62 Millimhos/CM
150 PPM Nitrogen =	.94 Millimhos/CM
200 PPM Nitrogen =	1.25 Millimhos/CM
300 PPM Nitrogen =	1.88 Millimhos/CM
400 PPM Nitrogen =	2.50 Millimhos/CM
500 PPM Nitrogen =	3.13 Millimhos/CM