

Hi-Sulphur Special

Hi-Sulphur Special 23-8-16^{PLUS} is designed to temporarily overcome nutrient starvation caused by high pH until more corrective measures can be taken in the soil. This formula will reduce the pH of the water solution and have an acidifying effect when applied to alkaline or high pH soils. Repeat applications as frequently as every 5 to 10 days if required. May be applied in solution by a proportioner through sprinkler systems, by irrigation or any conventional ground rig, and may be applied in combination with most insecticides, herbicides and fungicides.

MIXING RATE FOR 200 PPM NITROGEN HOSE END SPRAYER:
 1:15 ratio- Premix 1.74 oz. per gallon (13.04 grams per litre).
TANK: 0.12 oz. per gallon (0.87 gram per litre).
PROPORTIONER:
 1:100 ratio use 11.59 oz. per gal. of concentrate (87 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 response.

Guaranteed Analysis (For continuous liquid feeding)			
23-8-16+	Percent	Lbs/Ton	Concentration at
Total Nitrogen (N)	23%	460	200 PPM as N
6.30% Ammoniacal Nitrogen			
4.68% Nitrate Nitrogen			
12.02% Urea Nitrogen			
Available Phosphate (P ₂ O ₅)	8%	160	70 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	16%	320	139 PPM as K ₂ O
Magnesium (Mg)	0.02%	0.40	0.17 PPM as Mg
Sulphur (S)	5.39%	107.8	46.8 PPM as S
5.39% Combined Sulphur (S)			
Boron (B)	0.02%	0.40	0.17 PPM as B
Copper (Cu)	0.05%	1.0	0.43 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	0.87 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.43 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0009%	0.02	0.009 PPM as Mo
Zinc (Zn)	0.05%	1.0	0.43 PPM as Zn
0.05% Chelated Zinc (Zn)			
Derived from Ammonium Sulphate Ammonium Phosphate, Potassium Nitrate, Magnesium Sulphate, Urea, Borax, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese and Zinc. Potential acidity equivalent to 900.65 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	2.90	4.35	5.80	8.70
1:100	5.79	8.68	11.58	17.37
1:150	8.70	13.05	17.40	26.10
1:200	11.59	17.38	23.18	34.77
1:300	17.38	26.07	34.76	52.14
Based on 1/2 gallon per square foot coverage. Two Tablespoons equals One Ounce (approximately) One Cup equals One Pound (approximately)				

Conductivity of 23-8-16+ using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	NA
100 PPM Nitrogen =	NA
150 PPM Nitrogen =	NA
200 PPM Nitrogen =	NA
300 PPM Nitrogen =	NA
400 PPM Nitrogen =	NA
500 PPM Nitrogen =	NA