

Hi-Sulphur Special

- **Provides 4.3% Sulfer thats immediatly available**
- **Lowers pH and promotes acidity**

Hi-Sulphur Special 23-0-23^{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. Avoid applications during peak sunlight hours. Increase the amount of water used to dilute the fertilizer when soil

moisture is low. Increase concentrations when soil moisture is high. Use caution when concentration is 1 lb. or more per 5 gallons of water.

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 Feed Programs			
23-0-23+	Percentage	Lbs/Ton	Concentration
Total Nitrogen (N)	23%	460	200 PPM as N
3.76% Ammoniacal Nitrogen			
7.00% Nitrate Nitrogen			
12.24% Urea Nitrogen			
Soluble Potash (K ₂ O).....	23%	460	200 PPM as K ₂ O
Magnesium (Mg)	0.02%	0.40	0.17 PPM as Mg
Sulphur (S).....	4.30%	86	37.4 PPM as S
4.3% 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% Water Soluble Copper (Cu)			
Iron (Fe)	0.10%	2.0	0.87 PPM as Fe
0.10% Chelated Iron (Fe)			
Total Manganese (Mn)	0.06%	1.2	0.52 PPM as Mn
0.06% Water Soluble 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% Water Soluble Zinc (Zn)			
Derived from Ammonium Sufhate, Potassium Nitrate, Magnesium Sulfate Urea, Borax, Sodium Molybdate, Copper Sulfate, Iron EDTA, Manganese Sulfate and Zinc Sulfate. Potential acidity equivalent to 580 lbs. Calcium Carbonate per ton.			

NITROGEN PARTS PER MILLION CHART

Parts per Million	50	100	150	200	300	400
Injector Ratios	Ounces required per gal of concentrate					
1:15	0.43	0.87	1.30	1.74	2.61	3.34
1:50	1.45	2.90	4.35	5.79	8.69	11.59
1:100	2.90	5.79	8.69	11.59	17.38	23.18
1:200	5.79	11.59	17.38	23.18	34.77	46.36
1:300	8.69	17.38	26.08	34.77	52.015	*

EC (+ - 10%) mmhos/cm.

*Maximum solubility approx. 60 oz. per gallon

