

# Hi-Nitrate Special

20-5-30 **PLUS** TRACE ELEMENTS

This formula allows plants to establish heavier, thick walled cells. Promotes top growth and extensive root and tuber development.

**Turf Spoon Feeding application rates to achieve desired "N" per given area.**

Apply weekly or up to twenty days apart in a convenient amount of water for even coverage. Adjust rate to get desired results.

Desired Pounds of Nitrogen per 1000 square feet	1/10	1/8	1/4	1/2	1
Fertilizer required in ounces	6.4	8	16	32	64
<b>Pounds required per acre</b>	<b>17.42</b>	<b>21.78</b>	<b>43.56</b>	<b>87.12</b>	<b>174.24</b>
Desired Grams of Nitrogen per square meter	0.49	0.61	1.22	2.44	4.88
Fertilizer required in Grams	2	2.4	4.9	9.8	19.5
<b>Kilograms required per hectare</b>	<b>20</b>	<b>24</b>	<b>49</b>	<b>98</b>	<b>195</b>
Fertilizer required in Kilograms per 500 sq. meter	1	1.2	2.45	4.9	9.75

**MIXING RATE FOR 200 PPM NITROGEN** HOSE END SPRAYER: 1:15 ratio- Premix 2 oz. per gallon (15 grams per liter). TANK: 0.13 oz. per gallon (1 gram per liter). PROPORTIONER: 1:100 ratio use 13.33 oz. per gal. of concentrate (100 grams per liter). 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 crop response.

**GUARANTEED ANALYSIS**  
(For continuous liquid feed)

Total Nitrogen (N).....	20%
0.94% Ammoniacal Nitrogen	
8.75% Nitrate Nitrogen	
10.31% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	5%
Soluble Potash (K <sub>2</sub> O).....	30%
Magnesium (Mg) .....	0.05%
Sulfur (S) .....	0.07%
Boron (B) .....	0.02%
Copper (Cu) .....	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe).....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn).....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.0009%
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	

Derived from Ammonium Phosphate, Potassium Nitrate, Magnesium Sulfate, Urea, Borax, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese and Zinc. Potential acidity equivalent to 153.3 lbs. Calcium Carbonate per ton. Information regarding the content and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

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