

# No Phosphate Special

## 25-0-25 **PLUS** TRACE ELEMENTS

For use where phosphate is present and adequate or supplied from other sources. Promotes top growth and extensive root and tuber development. Ideal for lush sturdy growth in any tuberous plants like turf displaying foliage. 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.

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

**FOR CONTINUOUS LIQUID FEEDING: MIXING RATE FOR 200 PPM NITROGEN HOSE END SPRAY-**

ER: 1:15 ratio- Premix 1.6 oz. per gallon (12 grams per liter). TANK: 0.11 oz. per gallon (0.8 gram per liter).

PROPORTIONER: 1:100 ratio use 10.66 oz. per gal. of concentrate (80 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 response.

**GUARANTEED ANALYSIS**

Total Nitrogen (N) .....	25%
1.10% Ammoniacal Nitrogen	
7.58% Nitrate Nitrogen	
16.32% Urea Nitrogen	
Soluble Potash (K <sub>2</sub> O) .....	25%
Sulfur (S) .....	1.40%
1.40% Combined Sulfur (S)	
Boron (B) .....	0.02%
Copper (Cu).....	0.05%
0.05% Water Soluble Copper (Cu)	
Iron (Fe).....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn) .....	0.05%
0.05% Water Soluble Manganese (Mn)	
Molybdenum (Mo).....	0.0009%
Zinc (Zn) .....	0.05%
0.05% Water Soluble Zinc (Zn)	

Derived from Ammonium Sulfate, Potassium Nitrate, Urea, Borax, Sodium Molybdate, Copper Sulfate, Iron EDTA, Manganese Sulfate and Zinc Sulfate. CAUTION: This fertilizer is to be used on soils which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals. Potential acidity equivalent to 427 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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