



MAGNUM

Rose Food



WITH CHELATED MICRONUTRIENTS & SOIL PENETRANT
WATER SOLUBLE CONCENTRATE

8-10-8 GUARANTEED ANALYSIS

Total Nitrogen (N).....8.0%	Copper (Cu)0.06%
5.8% Ammoniacal Nitrogen	0.06% Chelated Copper
1.2% Nitrate Nitrogen	Iron (Fe)0.11%
1.0% Urea Nitrogen	0.11% Chelated Iron
Available Phosphate (P ₂ O ₅)10.0%	Manganese (Mn)0.11%
Soluble Potash (K ₂ O)8.0%	0.11% Chelated Manganese
Magnesium (Mg)1.5%	Molybdenum (Mo)0.058%
Sulfur (S), combined8.0%	Zinc (Zn).....0.05%
	0.05% Chelated Zinc

**WITH
EPSOM
SALTS**

Derived from Ammonium Phosphate, Potassium Nitrate, Potassium Sulfate, Potassium Phosphate, Magnesium Nitrate, Magnesium Sulfate, Copper EDTA, Iron EDTA, Manganese EDTA, Ammonium Molybdate and Zinc EDTA.

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

0.05% Alkylphenoxypolyethoxyethanol
(Soil Penetrant)

SPECIAL FORMULA FOR ROSES

A complete one-step water soluble concentrated plant food especially formulated to meet the comprehensive nutritional demands of growing roses. Eliminates the need for use of multiple plant food products. This special formulation contains fast acting and slow releasing forms of nitrogen and appropriate amounts of available phosphoric acid, potash, as well as four important chelated elements essential for growth namely: iron, copper, manganese and zinc. Incorporation of magnesium sulfate essential to assisting in production of dark green foliage via photosynthesis is a unique added feature as well as the deliberate addition of sulfur to avoid a potential deficiency of this essential element both for sustained growth and fungal disease protection. Finally, the soil penetrant ensures nutrients reach the complete root system (even in poor soils) for plant use.

DIRECTIONS

Prepare Magnum Rose Food fertilizer solution by first dissolving 1 tbsp. (14 grams) per gallon (3.785 Liters) of water. Use prepared solution as follows:

- For Hybrid T : 2 gallons of prepared solution
- For Floribunda : 1 gallon of prepared solution
- For Miniature : 1/2 gallon of prepared solution

Apply solution every 10 to 14 days as needed. In certain situations, Magnum Rosefood fertilizer solution may be applied weekly during the active growing season. Use caution and experiment on 1 or 2 plants to determine best watering fertilizer frequency for your geographic area,

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

climate and soil type.

SOIL DRENCH: Mix 3 lbs. 2 ozs. (50 ozs) in 100 gallons of water (provides 300 ppm Nitrogen). Apply solution to base of plant under the drip zone. For smaller mixes, use 1 tbsp. per gallon (3.785 Liters) of water. Apply 10 - 14 days or as needed.

FOLIAR SPRAY: Mix 17 ozs. in 100 gallons of water (provides 100 ppm Nitrogen). Apply as a full coverage spray. For smaller mixes, use 1 tsp. (5 grams) per gallon (3.785 Liters) of water. Rate of growth, color and time of year will determine frequency of application.

INJECTOR/SIPHON SYSTEM:

ppm Nitrogen	E.C. mmhos/cm	ozs. per gallon Injector Ratios			
		1:15	1:100	1:128	1:200
50	0.80	1.25	8.25	10.5	16.5
100	1.6	2.5	16.5	21.10	33.0
150	2.4	3.75	24.75	31.6	NR
200	3.2	5.0	33.0	NR	NR
400	6.4	10.0	NR	NR	NR

NR - Not Recommended, may exceed maximum solubility
100 ppm Nitrogen provides the following:
54 ppm Phosphorus (P) 99 ppm Sulfur (SO4) 1.35 ppm Manganese (Mn)
82 ppm Potassium (K) 0.75 ppm Copper(Cu) 0.71 ppm Molybdenum (Mo)
18.2 ppm Magnesium (Mg) 1.35 ppm Iron (Fe) 0.60 ppm Zinc (Zn)

WARNING: Application of fertilizer materials containing Molybdenum may result in foliage crops containing levels of Molybdenum which are toxic to ruminant animals.

Net Wt. 25 Lbs. (11.36 Kgs)



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