



## Rose Food 19-26-14 PLUS

- Promotes prolific blooming with deeper color
- Builds sturdy stems

Rose Food 19-26-14<sup>PLUS</sup> is an exclusive formulation that Plant Marvel Laboratories developed specifically for roses. It has a balance of NPK that should promote vigorous green growth and prolific blooming qualities. Our original formula for roses

was a 20-30-10 developed many years ago. Over time and through experiments it was learned that roses, which are gross feeders, responded better with slightly higher levels of potash in relation to the nitrogen and phosphorous. This new formula will provide lush foliage, sturdy stems, and extensive vigorous root system and larger blooms of deep color and longer keeping qualities.

### Guaranteed Analysis (For continuous liquid feeding)

| 19-26-14+  | Percent | Lbs/Ton | Concentration at                         |
|--|---------|---------|--|
| Total Nitrogen (N)                                   | 19%     | 380     | 200 PPM as N                             |
| 5.93% Ammoniacal Nitrogen                            |         |         |  |
| 4.17% Nitrate Nitrogen                               |         |         |  |
| 8.90% Urea Nitrogen                                  |         |         |  |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 26%     | 520     | 274 PPM as P <sub>2</sub> O <sub>5</sub> |
| Soluble Potash (K <sub>2</sub> O)                    | 14%     | 280     | 147 PPM as K <sub>2</sub> O              |
| Magnesium (Mg)                                       | 0.05%   | 1.0     | 0.53 PPM as Mg                           |
| Sulfur (S)   | 1%      | 20      | 11 PPM as S                              |
| 1% Combined Sulfur (S)                               |         |         |  |
| Boron (B)  | 0.02%   | 0.40    | 0.21 PPM as B                            |
| Copper (Cu)  | 0.05%   | 1.0     | 0.53 PPM as Cu                           |
| 0.05% Chelated Copper (Cu)                           |         |         |  |
| Iron (Fe)  | 0.10%   | 2.0     | 1.05 PPM as Fe                           |
| 0.10% Chelated Iron (Fe)                             |         |         |  |
| Manganese (Mn)                                       | 0.05%   | 1.0     | 0.53 PPM as Mn                           |
| 0.05% Chelated Manganese (Mn)                        |         |         |  |
| Molybdenum (Mo)                                      | 0.0009% | .018    | 0.01 PPM as Mo                           |
| Zinc (Zn)  | 0.05%   | 1.0     | 0.53 PPM as Zn                           |
| 0.05% Chelated Zinc (Zn)                             |         |         |  |

Derived from Ammonium Phosphate, Potassium Nitrate, Ammonium Sulfur, Magnesium Sulfur, Borax, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese and Zinc. CAUTION: This fertilizer is to be used on soils which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals. Potential acidity equivalent to 723 lbs. Calcium Carbonate per ton.

### MIXING RATE FOR 100 PPM NITROGEN

HOSE END SPRAYER: 1:15 ratio-Premix 1.05 oz. per gallon (7.89 grams per liter).  
 TANK: 0.07 oz. per gallon (0.53 grams per liter).  
 PROPORTIONER: 1:100 ratio use 7.01 oz. per gal. of concentrate (53 grams per liter).  
 OTHER RATIOS: Multiply ratio times weight divided by 100.  
 OTHER PPM: Multiply desired PPM times weight divided by 100.  
 Increase or decrease PPMN according to crop response.

### NITROGEN PARTS PER MILLION CHART

| Parts per Million | 50                                     | 100   | 150   | 200   | 300   | 400   |
|-------------------|--|-------|-------|-------|-------|-------|
| Injector Ratios   | Ounces required per gal of concentrate |       |       |       |       |       |
| 1:15              | 0.53                                   | 1.05  | 1.58  | 2.10  | 3.16  | 4.21  |
| 1:50              | 1.75                                   | 3.51  | 5.26  | 7.01  | 10.52 | 14.03 |
| 1:100             | 3.51                                   | 7.01  | 10.52 | 14.03 | 21.04 | 28.06 |
| 1:200             | 7.01                                   | 14.03 | 21.04 | 28.06 | 42.09 | 56.12 |
| 1:300             | 10.52                                  | 21.04 | 31.57 | 42.09 | 63.13 | *     |

EC (+ - 10%) mmhos/cm. 21 .42 .63 .84 1.25 1.67

\*Maximum solubility approx. 60 oz. per gallon

### To Order Use Code:

25 lb Bag: 192614+