

# Bloom & Flower Plant Food

12-31-14 **PLUS** TRACE ELEMENTS

**OUTDOOR PLANTS** - Mix one tablespoon per gallon of water. **INDOOR PLANTS** - Mix one teaspoon per gallon of water. Apply solution liberally to base of plants, soaking the root area. For potted plants and hanging baskets etc. apply enough to create drainage through the pot. Wet foliage for fast acting leaf feeding. Repeat applications every week to 10 days apart. This is an excellent general purpose fertilizer that is especially effective on flowering and fruiting plants. Also excellent as a starter feed for all varieties and can help wilting in the transplant operation, without burning. May be applied in solution by a bucket, sprinkler can, hose end garden sprayer, backpack sprayer, 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.

For Continuous Liquid Feeding  
**GUARANTEED ANALYSIS**

Total Nitrogen (N) .....	12%
8.28% Ammoniacal Nitrogen	
3.72% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	31%
Soluble Potash (K <sub>2</sub> O) .....	14%
Magnesium (Mg) .....	0.05%
0.05% Water Soluble Magnesium (Mg)	
Sulfur (S) .....	3.0%
3.0% Combined Sulfur (S)	
Boron (B) .....	0.02%
Copper (Cu) .....	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe) .....	0.15%
0.15% Chelated Iron (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.0009%
Zinc (Zn) .....	0.06%
0.06% Chelated Zinc (Zn)	

Derived from Monoammonium Phosphate, Potassium Nitrate, Ammonium Sulfate, Magnesium Sulfate, Borax, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese and Zinc. Potential acidity equivalent to 697 lbs. Calcium Carbonate per ton.

**CAUTION:** This product is to be used on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals.

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

F593 061714

**MIXING RATE FOR VARIOUS PPM NITROGEN**

Parts Per Million		50	100	150	200	300	400
Ounces of Fertilizer Required per Gallon of Concentrate							
Injector Ratios	1:15	0.83	1.67	2.50	3.33	5.00	6.66
	1:50	2.78	5.55	8.33	11.11	16.66	22.21
	1:100	5.55	11.11	16.66	22.21	33.32	44.43
	1:200	11.11	22.21	33.32	44.43	*	*
	1:300	16.66	33.32	49.98	*	*	*
EC (+/- 10%) mmhos/cm		0.42	0.84	1.25	1.67	2.51	3.34

\*Maximum solubility approx. 3 lbs 12 ozs. per gallon.



**Bloom & Flower Plant Food 12-31-14** **PLUS** TRACE ELEMENTS