



Water Soluble Fertilizer

17-4-28

Poinsettia Plus

PRODUCT DESCRIPTION:

This high nitrate formula is an excellent source to supply readily available potassium, phosphorus and sulfur; as well as elevated molybdenum and zinc levels to supply the high nutrient demands of poinsettias.

GUARANTEED ANALYSIS:

Total Nitrogen (N)	17%
6.0% Ammoniacal Nitrogen	
11.0% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	4.0%
Soluble Potash (K ₂ O)	28.0%
Sulfur (S) Combined	3.0%
Boron (B)	0.01%
Copper (Cu).....	0.01%
0.01% Chelated Copper (Cu)	
Iron (Fe)	0.20%
0.20% Chelated Iron (Fe)	
Manganese (Mn)	0.06%
0.06% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.01%
Zinc (Zn)	0.02%
0.02% Chelated Zinc (Zn)	

DERIVED FROM:

Potassium Nitrate, Ammonium Nitrate, Ammonium Phosphate, Ammonium Sulfate, Iron EDDHA, Iron EDTA, Manganese EDTA, Copper EDTA, Zinc EDTA, Boric Acid, Sodium Molybdate. F1367

POTENTIAL ACIDITY: 99 lbs calcium carbonate equivalent per ton.

SOLUBILITY (max.): 2.0 lbs per gallon in cold water. Hot water and agitation improve solubility

Net Weight: 25 lbs (11.35 kg)

Fertilizer required per volume of concentrate, 17-4-28 (for continuous liquid feed programs):

ppm N	50	75	100	200
E.C. mS/cm	0.38	0.57	0.76	1.52
injector ratio	ounces/gal			
15 (hazon)	0.6	0.9	1.2	2.4
50	2.0	2.9	3.9	7.9
100	3.9	5.9	7.9	15.7
128	5.0	7.8	10.1	20.2
200	7.9	11.8	15.7	31.4

E.C. values are approximate. Use E.C. levels to verify appropriate feeding level from the injector. Adjust for the E.C. of the irrigation water.

USE SUGGESTIONS:

Drip irrigation feeding:

Plugs, Flowers, and Bedding Plants:

- For plugs feed at 50 to 150 ppm once per week depending on growth stage.
- For vegetable transplants, bedding plants and cut flowers, feed at 100 to 200 ppm N with constant liquid feeding. Use 200 to 400 ppm N for pulse feeding.
- Mums, Lilies, Geraniums, Poinsettia: feed at 200 to 300 ppm N with constant liquid feeding; 350 - 400 with pulse.

Greenhouse/Nursery:

5-10 lbs per 100 gal of water per acre on plants, trees, ALL Palm varieties, shrubs, and flowering vines.

General Use: Spray 5 to 10 lbs per acre as a foliar application to supplement nutrients available from fertilizers applied to soil. **Aerial Application:** Can be mixed at rate of 1 pound per gallon of water per acre. **Backpack Sprayer:** 1 TBSP per gallon. **Mixing:** Add to mix or spray tank when it is about half full then continue to fill.

MANUFACTURED FOR:
Primer, Inc.
2065 Lamberton Road
Cleveland Heights, OH 44118
Phone: 216-397-0590

Turf:

Pulse Feeding: Use 1/8 to 1/4 lb. of nitrogen (N) per 1000 square feet every week to ten days or as needed. Rate and amount of water needed will depend on soil moisture levels, turf species and weather conditions. Avoid spraying during hot, bright light conditions or when turf is drought stressed.

Lbs N / 1000 Ft ²	1/8	1/4	1/2	1
Ounces / 1000 Ft ²	12	24	47	94

- Turf and Fairways - Apply once a week for maximum growth or once a month to maintain fertility.
- Greens and Tees - Apply once a week.

Sprayer Application:

- Sprayer application is normally 1 pound of product in 5 to 20 gallons of water.
- Concentrated Sprayer Solution: This formula may be applied in a concentrated solution of 1 pound of product to 2 or 3 gallons of water, with thorough irrigation immediately after application to rinse off leaf surface. Fertilizer burn and turf damage may occur if concentrated fertilizer solutions are left on the leaf surface too long.



WARNING

May intensify fire; oxidizer. Causes serious eye irritation.

Keep away from flammable / combustible / reducing materials. Wear eye protection. Wash hands thoroughly after handling. In case of fire: use any suitable mean for extinguishing surrounding fire. Spray water for small fires. For large fires flood with abundant water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Dispose of contents/container according to local/state/federal regulations.

IN CASE OF EMERGENCY CALL CHEMTREC For Hazardous Materials [or Dangerous Goods] Incidents **ONLY** (spill, leak, fire, exposure or accident)1-800-424-9300 For additional information, see Safety Data Sheet (SDS) for this product