



# 20-3-19

## Petunia Special

**PRODUCT DESCRIPTION:**

Specially formulated for the feeding of petunias. Urea-free, with a high ratio of nitrate to ammonium nitrogen makes this formula well suited for plant bed and soil-less media. Excellent greenhouse production formula for growing plugs, transplants and bedding plants.

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) .....	20%
8.0% Ammoniacal Nitrogen	
12.0% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	3%
Soluble Potash (K <sub>2</sub> O) .....	19%
Magnesium (Mg) .....	1.3%
1.3% Water Soluble Magnesium (Mg)	
Sulfur (S) Combined.....	3.5%
Boron (B) .....	0.017%
Copper (Cu).....	0.01%
0.01% Chelated Copper (Cu)	
Iron (Fe) .....	0.20%
0.20% Chelated Iron (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.01%
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	

**DERIVED FROM:**

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

**POTENTIAL ACIDITY:** 467 lbs calcium carbonate equivalent per ton.

**SOLUBILITY (max.):** 3.0 lbs per gallon. Hot water and agitation improve solubility.

**Fertilizer required per volume of concentrate, 20-3-19 (for continuous liquid feed programs):**

ppm N	50	75	100	200
E.C. (mmhos/cm)	0.33	0.49	0.65	1.30
injector ratio	ounces/gal			
15	0.50	0.75	1.00	2.00
50	1.67	2.50	3.33	6.67
100	3.33	5.00	6.67	13.33
128	4.27	6.40	8.53	17.07
200	6.67	10.0	13.3	26.67

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. For concentrations greater than 200 ppm, simply add.

**USE SUGGESTIONS:**

**This product is excellent for drip irrigation feeding.**

	Constant Liquid Feed (CLF)	Periodic (Every 7-10 days)
Plugs/Salt Sensitive	50-125	175-225
Woody Ornamentals	50-100	200-375
Bedding Plants	100-150	200-250
Hydroponic Herbs	100-150	250-350
Cut Flowers	175-225	300-450
Garden/Landscape	200-300	400-750
Heavy Feeders <i>Geranium, Mum, Lily, Poinsettia, Vegetable</i>	200-300	350-400
Light Feeders <i>NG impatiens, Fuscia, Begonia, Fern, Orchid, Native perennial</i>	75-150	200-250



**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

MANUFACTURED FOR:

Primer, Inc.  
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Marietta, GA 30066  
Phone: 770-675-3382

**Net Weight: 25 lbs (11.35 kg)**