

CHEM- SOL

Water Soluble Fertilizer

12-48-8

Early Season Premium

Fertilizer required per volume of concentrate, 12-48-8 (for continuous liquid feed programs):

ppm N	50	75	100	200
E.C. (mmhos/cm)	0.60	0.90	1.20	2.41
injector ratio	ounces/gal			
15	0.8	1.2	1.7	3.3
50	2.8	4.2	5.6	11.1
100	5.6	8.3	11.1	22.2
128	7.1	10.7	14.2	28.4
200	11.1	16.7	22.2	44.4

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. For concentrations greater than 200 ppm, simply add amounts shown for total.

USE SUGGESTIONS:

Transplant production:

- For field crops, use 4 to 5 lbs per 100 gallons of water. Use 200 gallons per acre. For smaller quantities, use 2½ tablespoons per gallon. Feed ½ pint per plant.
- For transplanting tender seedlings in the greenhouse, use 1 tablespoon per gallon.

Greenhouse Flowers and Bedding Plants:

- For most bedding plants, plugs, 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. Normal watering is 1 quart per sq. ft.

Landscape and Turf Use:

- Use at the rate of 3 to 5 lbs per 100 gallons of water and apply to 1000 sq. ft. Use every 3 to 4 weeks.

Foliar Application:

- Use at the rate of 2 to 3 lbs per 100 gallons.
- Field application: 5 to 10 lbs per acre.

PRODUCT DESCRIPTION:

Ideal for transplanting young seedlings, newly-set cuttings, and turf sod. Provides extra water soluble phosphorus to help stimulate root development. Excellent whenever tissue tests indicate the need for extra phosphate.

GUARANTEED ANALYSIS:

Total Nitrogen (N)	12%
9.5% Ammoniacal Nitrogen	
2.5% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	48%
Soluble Potash (K ₂ O)	8%
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Chelated Copper	
Iron (Fe)	0.10%
0.10% Chelated Iron	
Manganese (Mn)	0.05%
0.05% Chelated Manganese	
Molybdenum (Mo)	0.001%
Zinc (Zn)	0.05%
0.05% Chelated Zinc	

DERIVED FROM:

Potassium Nitrate, Ammonium Phosphate, Iron EDDHA, Iron EDTA, Manganese EDTA, Copper EDTA, Zinc EDTA, Boric Acid, Sodium Molybdate F1252

POTENTIAL ACIDITY: 950 lbs calcium carbonate equivalent per ton.

SOLUBILITY (max.): 1 lb per gallon.

IMPORTANT NOTICE TO PURCHASER:

Manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on this label. The manufacturer's only obligation in the event of a breach of this warranty shall be to replace any quantity of the product proved to be defective. The seller nor manufacturer shall be liable for any injury, loss, or damage whether direct or consequential arising out of the use of this product.

Manufactured for:

CNI AgriMinerals

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NET WEIGHT 25 LBS (11.35 kg)