

UltraSol™

9-45-15

Water Soluble Fertilizer Premium Starter

PRODUCT DESCRIPTION:

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

GUARANTEED ANALYSIS:

Total Nitrogen (N).....9%
7.0% Ammoniacal Nitrogen
2.0% Nitrate Nitrogen
Available Phosphate (P₂O₅).....45%
Soluble Potash (K₂O).....15%
Magnesium (Mg).....0.10%
0.10% Water Soluble Magnesium
Sulfur (S) (Combined).....0.60%
Boron (B).....0.02%
Copper (Cu).....0.05%
0.05% Chelated Copper (Cu)
Iron (Fe).....0.10%
0.10% Chelated Iron (Fe)
Manganese (Mn).....0.05%
0.05% Chelated Manganese (Mn)
Molybdenum (Mo).....0.001%
Zinc (Zn).....0.05%
0.05% Chelated Zinc (Zn)

DERIVED FROM:

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

POTENTIAL ACIDITY: 690 lbs calcium carbonate equivalent per ton.

SOLUBILITY (max.): 3.0 lbs per gallon.

Fertilizer required per volume of concentrate, 9-45-15 (for continuous liquid feed programs):

ppm N	50	75	100	200
E.C. (mS/cm)	0.46	0.68	0.91	1.82
injector ratio	ounces/gal			
15	1.11	1.70	2.22	4.44
50	3.70	5.56	7.41	14.80
100	7.40	11.11	14.80	29.60
128	9.50	14.22	19.00	37.93
200	14.80	22.20	29.60	59.20

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.
Ex.: 400 ppm = 2 X 200 ppm = E.C. 3.64 and 8.88 oz/gal with 1:15 proportioner.

USE SUGGESTIONS:

Vegetable Seedlings:

- For transplanting young seedlings in the greenhouse, use 50-100 ppm N every watering for two to three applications.
- For most bedding plants and cut flowers, feed at 100 to 200 ppm N with constant liquid feeding.

Transplanting:

- For field crops, use 8 to 12 lbs per 200 gallons of water. Use 50 to 200 gallons per acre. For smaller quantities, use 1 tablespoon per gallon. Feed 1/2 pint per plant.

Foliar Application:

- Use at the rate of 1 to 3 lbs per 100 gallons.
- Field application: 5 to 10 lbs per acre.

GENERAL DIRECTIONS:

- Store this and all water soluble fertilizer formulas in a dry place. Tightly seal open bag to prevent product hardening.
- Agitate well to dissolve completely. Use hot water for faster results.
- Use soil and water tests to determine the best concentrations and rates to use.

SAFETY INSTRUCTIONS:

For safety instructions refer to the material safety data sheet or call 1-800-667-8528.

WARNING. MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION.

- Avoid contact with eyes, skin, and clothing.
- Wash thoroughly after handling.
- Avoid breathing dust.
- Do not swallow.

FIRST AID:

IN CASE OF CONTACT WITH EYES, IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN. IMMEDIATELY RINSE FROM SKIN. WASH CLOTHING BEFORE REUSE.

SPILLS AND DISPOSAL:

If spilled, absorb with an inert, non-combustible material and remove for disposal. Dispose of all waste in accordance with applicable government regulations.

**FOR PROFESSIONAL USE ONLY.
KEEP OUT OF REACH OF CHILDREN.**

NC.294515



MANUFACTURED BY:
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Information: 1-800-667-8528

Net Weight 25 lbs