



PLANT STARTER

12-48-8

**SOLUBLE FERTILIZER PLUS MINORS
FOR USE IN TRANSPLANT SOLUTIONS,
SOIL DRENCH, AND FOLIAR SPRAYS.**

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)	12.0%
2.30% Nitrate Nitrogen (N)	
9.10% Ammoniacal Nitrogen (N)	
0.60% Urea Nitrogen (N)	
AVAILABLE PHOSPHATE (P ₂ O ₅)	48.0%
SOLUBLE POTASH (K ₂ O)	8.0%
Boron (B)	0.02%
Chlorine not more than 1.0%	
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)	0.0005%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	



PLANT NUTRIENTS DERIVED FROM: Ammonium Phosphates, Potassium Nitrate, Urea, Ferric Sodium EDTA, Manganous Disodium EDTA, Zinc Disodium EDTA, Cupric Disodium EDTA, Sodium Borate, Sodium Molybdate.
EDTA - Ethylenediaminetetraacetate. Artificially colored
Potential Acidity: 960 lbs. Calcium Carbonate Equivalent per Ton.

CAUTION: KEEP OUT OF REACH OF CHILDREN.

CONTAINS POTASSIUM NITRATE, AN OXIDIZER - POSSIBLE FIRE HAZARD

May be harmful if swallowed. Avoid breathing dust, and contact with skin, eyes and clothing. If ingested, give two glasses of water, induce vomiting and call a physician. If in eyes or on skin flush with water. If on clothing, launder before reuse. Wash thoroughly after handling.

Southern Agricultural Insecticides, Inc.

Palmetto, FL 34220 Hendersonville, NC 28793 Boone, NC 28607
F 672 J2

Net Weight: 3 lbs.(1.36 kg.)

PLANT STARTER SOLUBLE FERTILIZER

DIRECTIONS

TRANSPLANT SOLUTION: For use when transplanting tobacco, tomatoes, lettuce, cabbage, cauliflower, eggplant, pepper and annual plants.

Mix 3 pounds in 50 gallons of transplant water (2 tablespoonfuls per gallon).

For annuals and vegetable sets use 1/2 to 1 pint of transplant solution per plant.

When transplanting through plastic mulch, and when transplanting where high soluble salt concentrations in the soil are anticipated, use 1 pound per 100 gallons of water (1 teaspoonful per gallon).

SOIL DRENCH: For newly seeded row crops, use 3 pounds in 50 gallons of water (2 tablespoonfuls per gallon). Apply as a drench using 1 pint to 4 linear feet of row.

For new plantings (trees and ornamentals) use 3 pounds in 50 gallons of water (2 Tbls. per gallon). Apply as a drench using 1 pint per sq. ft. of drench area.

FOLIAR SPRAY: Use at the rate of 3 pounds in 60 gallons of water (1 1/2 tablespoonfuls per gallon).

CONSTANT FEED: Where injector systems are used, the following table may be used to determine the amount of fertilizer to use in concentrate tank. When constant feeding, it is often desirable to leach potted and benched plants about once a week in order to avoid excessive fertilizer build up, particularly on the soil surface.

NOTE: Indicated rates are intended as a guide for initial applications. Experience with the particular crop and frequent soil testing are best guides to proper fertilization.

OUNCES BY WEIGHT PER GALLON OF CONCENTRATE

FINAL CONC.	INJECTOR RATIOS				
<u>N in ppm</u>	<u>1:50</u>	<u>1:100</u>	<u>1:128</u>	<u>1:150</u>	<u>1:200</u>
50 ppm	2.82	5.63	7.20	8.43	11.25
100 ppm	5.63	11.25	14.40	16.88	22.50
150 ppm	8.43	16.88	21.60	25.32	33.75
200 ppm	11.25	22.50	28.80	33.75	-----

USE PRECAUTIONS:

This material is compatible with most insecticides and fungicides. Do not use in combination with Bordeaux, lime, highly alkaline materials or nutritional calcium sprays. If compatibility is not known, test on small area before use.

Timing, method and rates of application, differences in plant varieties, growing conditions and other influencing factors are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material.

Plant starter Soluble Fertilizer is intended for use as a supplement to customary fertilization. Do not exceed suggested application rates. Application is not suggested when seed or seeding placement is in close proximity of soil applied fertilizer.

GUARANTEED BY: Southern Agricultural Insecticides, Inc. P.O. Box 218 Palmetto, FL 34220