

Seed Starter Special

16-45-7 **PLUS** TRACE ELEMENTS

This Nutriculture formula is specially designed as a starter solution which promotes faster seed germination and root development on seeds and transplants, without burning.

Starter Solution: Use 3 lbs. of Seed Starter Special 16-45-7 in 50 gallons of water. For smaller quantities, dissolve 2 tablespoons in one gallon. Keep seeded areas moist until germination. Use as a watering-in solution on transplants.

Hydro Seeding Rates of Coverage - Use 75 lbs. to 150 lbs. per acre in enough water to insure even coverage, or if coverage in square feet per tank load is known use the following formula: Square Feet of Coverage per tank load X .0017 to .0035 = lbs. of fertilizer needed per tank load. Mix in Hydro seeder with seed and mulch and apply any time conditions are favorable for seed germination. If mixing in combination with insecticides or fungicides, always prepare the solution of chemicals first and then add the fertilizer as the last ingredient.

For Continuous Liquid Feeding
GUARANTEED ANALYSIS

Total Nitrogen (N)	16%
6.65% Ammoniacal Nitrogen	
9.35% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	45%
Soluble Potash (K ₂ O)	7%
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)	0.0009%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

Derived from Monoammonium Phosphate, Monopotassium Phosphate, Urea, Borax, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese, and Zinc. Potential acidity equivalent to 949 lbs. Calcium Carbonate per ton.

CAUTION: This product is to be used on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

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MIXING RATE FOR VARIOUS PPM NITROGEN

Parts Per Million		50	100	150	200	300	400
Ounces of Fertilizer Required per Gallon of Concentrate							
Injector Ratios	1:15	0.62	1.25	1.87	2.50	3.75	5.00
	1:50	2.08	4.17	6.25	8.33	12.50	16.66
	1:100	4.17	8.33	12.50	16.66	24.99	33.32
	1:200	8.33	16.66	24.99	33.32	49.98	*
	1:300	12.50	24.99	37.49	49.98	*	*
EC (+/- 10%) mmhos/cm		.33	.68	1.01	1.35	2.04	2.70

*Maximum solubility approx. 3 lbs 12 ozs. per gallon.



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