



Hydro-Seed Starter Special 16-45-7 PLUS

- **Low cost and effective**
- **Non abrasive to equipment**
- **Improves seed germination by as much as 40%**

Hydro Seed Starter Special 16-45-7^{PLUS} is specially designed as a starter solution for use in seed and mulch slurry hydro-eeding applications. It promotes faster seed germination and root development on seeds and transplants, without burning. It will promote faster germination time by as much as 40%

depending on species. It is 100% soluble in water and will not cause abrasive wear and tear on equipment. It is mildly acidic and rinses easily preventing equipment corrosion.

Application rates: 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.

Although designed for mechanical application through hydro-seed equipment this material can also be used as a watering-in solution on transplants in the nursery. When applying this way use at the rate of 200 PPM Nitrogen by mixing 4.26 ozs per gallon of water applied. For an injector or proportioner use the chart above.

Guaranteed Analysis (For continuous liquid feeding)

16-45-7+	Percent	Lbs/Ton	Concentration at
Total Nitrogen (N)	16%	320	200 PPM as N
6.65% Ammoniacal Nitrogen			
9.35% Urea Nitrogen			
Available Phosphate (P ₂ O ₅)	45%	900	562 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	7%	140	87 PPM as K ₂ O
Boron (B)	0.02%	0.4	0.25 PPM as B
Copper (Cu)	0.05%	1.0	0.63 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	1.25 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.63 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0009%	0.018	0.011 PPM as Mo
Zinc (Zn)	0.05%	1.0	0.63 PPM as Zn
0.05% Chelated Zinc (Zn)			

Derived from Ammonium Phosphate, Potassium Phosphate, Urea, Borax, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese, and Zinc. CAUTION: This fertilizer is to be used on soils which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals. Potential acidity equivalent to 949 lbs. Calcium Carbonate per ton.

NITROGEN PARTS PER MILLION CHART

Parts per Million	50	100	150	200	300	400
Injector Ratios	Ounces required per gal of concentrate					
1:15	0.63	1.25	1.87	2.5	3.75	5
1:50	2.09	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	12.5	24.99	37.5	49.98	*	*

*Maximum solubility approx. 60 oz. per gallon



Packaged in: 25lb (11.34kg) bags, 88 bags/pallet

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