

# Seed Starter Special

Seed Starter Special 16-45-7<sup>PLUS</sup> is specially designed as a starter solution which 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. 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 Hydroseeder 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 ingredi-

| <b>Guaranteed Analysis</b><br>(For continuous liquid feeding)  |                |                |  |
|--|----------------|----------------|--|
| <b>16-45-7+<br/>Seed Starter Special</b>   | <b>Percent</b> | <b>Lbs/Ton</b> | <b>Concentration at<br/>200 PPM</b>      |
| Total Nitrogen (N) .....   | 16%            | 320            | 200 PPM as N                             |
| 6.65% Ammoniacal Nitrogen  |                |                |  |
| 9.35% Urea Nitrogen  |                |                |  |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....   | 45%            | 900            | 562 PPM as P <sub>2</sub> O <sub>5</sub> |
| Soluble Potash (K <sub>2</sub> O) .....  | 7%             | 140            | 87 PPM as K <sub>2</sub> 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. Potential acidity equivalent to 949 lbs. Calcium Carbonate per ton. |                |                |  |

| <b>Nitrogen Parts Per Million Chart</b>   |  |                |                |                |
|---|--|----------------|----------------|----------------|
| <b>Injector Ratio</b>   | <b>Ounces required per Gallon of concentrate</b> |                |                |                |
|   | <b>100 PPM</b>                                   | <b>150 PPM</b> | <b>200 PPM</b> | <b>300 PPM</b> |
| <b>1:50</b>   | 4.17   | 6.25           | 8.34           | 12.51          |
| <b>1:100</b>  | 8.33   | 12.49          | 16.66          | 24.99          |
| <b>1:150</b>  | 12.50  | 18.75          | 25.00          | 37.50          |
| <b>1:200</b>  | 16.66  | 24.99          | 33.32          | 49.98          |
| <b>1:300</b>  | 24.99  | 37.48          | 49.98          | 74.97          |
| Based on 1/2 gallon per square foot coverage.<br>Two Tablespoons equals One Ounce (approximately)<br>One Cup equals One Pound (approximately) |  |                |                |                |

| <b>Conductivity of 16-45-7+<br/>using distilled water mixed at:<br/>(allow +/- 10%)</b> |    |
|---|----|
| 50 PPM Nitrogen =   | NA |
| 100 PPM Nitrogen =  | NA |
| 150 PPM Nitrogen =  | NA |
| 200 PPM Nitrogen =  | NA |
| 300 PPM Nitrogen =  | NA |
| 400 PPM Nitrogen =  | NA |
| 500 PPM Nitrogen =  | NA |