

# 5-11-26

## HYDROPONIC SPECIAL SOLUBLE FERTILIZER PLUS MINORS



**GUARANTEED ANALYSIS:**

TOTAL NITROGEN (N) .....	5.0%
5.00% Nitrate Nitrogen (N)	
0.00% Ammoniacal Nitrogen (N)	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ) .....	11.0%
SOLUBLE POTASSIUM (K <sub>2</sub> O) .....	26.0%
Magnesium as Mg .....	3.20%
3.20% Water Soluble Magnesium as Mg	
Chlorine (not more than) .....	1.0%
Iron (Fe) .....	0.30%
0.30% Chelated Iron as (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated Manganese as (Mn)	
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc as (Zn)	
Copper as (Cu) .....	0.05%
0.05% Chelated Copper as (Cu)	
Boron (B) .....	0.05%
Molybdenum (Mo) .....	0.01%

**PLANT NUTRIENTS DERIVED FROM:** Potassium Phosphate, Potassium Nitrate, Ferric Sodium EDTA, Manganous Disodium EDTA, Zinc Disodium EDTA, Copper Sulfate, Magnesium Sulfate, Sodium Borate, Sodium Molybdate. **EDTA** - Ethylenediaminetetraacetate. Artificially colored

### CAUTION: KEEP OUT OF REACH OF CHILDREN

**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.

#### USE PRECAUTIONS

This fertilizer has been formulated for growing plants in soilless culture. This formulation contains Boron and Molybdenum. The Boron could be injurious to Boron sensitive crops. The Molybdenum could be injurious to ruminants feeding on treated plant material. The grower is cautioned, before using this mixture, to determine that the primary plant food and micronutrient composition meets his specific requirements.

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.

### DIRECTIONS

5-11-26 Hydroponic Special has been formulated to be used in combination with other materials such as Calcium Nitrate and Epsom Salts to deliver the correct nutritional needs of the hydroponic grower.

It is essential that this order of addition is followed to avoid any problems with the fertilizer solution:

1. add 5-11-26 Hydroponic Special
2. add Epsom Salts (make sure it is fully dissolved)
3. add Calcium Nitrate
4. add any other materials one at a time

#### Hydroponic Suggestions (general):

Mix the following per 1,000 gallons of water:

8 lbs.	5-11-26 Hydro. Special
2 lbs.	Epsom Salts
5 lbs. + 6 ozs.	Calcium Nitrate Sol.

note: Iron sources such as Sequestrene may be added as needed.

#### Resulting Nutrient Concentrations

N	150 ppm
P	52 ppm
K	250 ppm
Ca	121 ppm
Mg	52 ppm
Fe	3 ppm
B	0.5 ppm
Cu	0.5 ppm
Mn	0.5 ppm
Zn	0.5 ppm
Mo	0.1 ppm

#### Garden use equivalents for above:

Mix the following per 5 gallons of water:

4 teaspoons	5-11-26 Hydro. Special
1 teaspoon	Epsom Salts
2 teaspoons	Calcium Nitrate Sol.

The addition of each ounce of Calcium Nitrate per 1000 gallons will add:

1.15 ppm Nitrogen & 1.40 ppm Calcium

The addition of each ounce of Epsom Salts per 1000 gallons will add: 0.73 ppm Magnesium

The addition of each ounce of Sulfate of Potash per 1000 gallons will add: 3.70 ppm Potassium

The addition of each ounce of Sequestrene 330 Fe per 1000 gallons will add: 0.82 ppm Iron (Fe)

#### Hydroponic Tomato Feeding

Early (young plants)

feeding mixture per 1,000 gallons:

4 lbs.	5-11-26 Hydro. Special
32 oz.	Epsom Salts (magnesium sulfate)
4 lbs.	Calcium Nitrate Soluble
20 oz.	Sulfate of Potash soluble
6 oz.	Sequestrene 330 Fe

#### Resulting Nutrient Concentrations

N	100 ppm
P	48 ppm
K	200 ppm
Ca	90 ppm
Mg	37 ppm
Fe	1.5 ppm
B	0.25 ppm
Cu	0.25 ppm
Mn	0.25 ppm
Zn	0.25 ppm
Mo	0.05 ppm

Later (by about middle of crop)

feeding mixture per 1,000 gallons:

8 lbs.	5-11-26 Hydro. Special
32 oz.	Epsom Salts (magnesium sulfate)
8 lbs.	Calcium Nitrate Soluble
20 oz.	Sulfate of Potash soluble
8 oz.	Sequestrene 330 Fe

#### Resulting Nutrient Concentrations

N	150 ppm
P	52 ppm
K	320 ppm
Ca	178 ppm
Mg	50 ppm
Fe	3 ppm
B	0.5 ppm
Cu	0.5 ppm
Mn	0.5 ppm
Zn	0.5 ppm
Mo	0.1 ppm

#### GUARANTEED BY:

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

#### APPROXIMATE VOLUME EQUIVALENTS:

1 lb. = 2 cups                      1 cup = 1/2 lb.  
1 oz. by weight = 1 fl. oz. by volume (2 TBS.)

For questions pertaining this product, please email us at support@southernag.com

**Southern Agricultural Insecticides, Inc.**

Palmetto, FL 34220

Hendersonville, NC 28793

Boone, NC 28607

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**Net Weight: 25 lb (11.34 kg)**