



## Professional Water Soluble Fertilizer

# 5-11-26

## Hydroponic Vegetable Plus

### PRODUCT DESCRIPTION:

Premium grade, water-soluble fertilizer that is formulated for growing in a soilless culture, and/or continuous liquid feed program. When used with calcium nitrate this formulation provides essential nutrients for hydroponic applications, including grow bags using pine bark or perlite media, rockwool and NFT. Ideal for growing tomatoes, strawberries, cucumbers, peppers, herbs and floral crops.

### GUARANTEED ANALYSIS:

Total Nitrogen (N) .....	5%
5.0% Nitrate Nitrogen (NO <sub>3</sub> ) .....	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	11%
Soluble Potash (K <sub>2</sub> O) .....	26%
Magnesium (Mg) .....	6.0%
6.0% Water Soluble Magnesium (Mg) .....	
Sulfur (S) Combined .....	8.0%
Boron (B) .....	0.05%
Copper (Cu) .....	0.015%
0.015% Chelated Copper (Cu) .....	
Iron (Fe) .....	0.30%
0.30% Chelated Iron (Fe) .....	
Manganese (Mn) .....	0.05%
0.05% Chelated Manganese (Mn) .....	
Molybdenum (Mo) .....	0.01%
Zinc (Zn) .....	0.015%
0.015% Chelated Zinc (Zn) .....	

### DERIVED FROM:

Potassium Nitrate, Potassium Phosphate, Magnesium Sulfate, Iron EDTA, Manganese EDTA, Copper EDTA, Zinc EDTA, Boric Acid, Sodium Molybdate.

**POTENTIAL BASICITY:** 210 lbs calcium carbonate equivalent per ton.  
**SOLUBILITY (max.):** 3.0 lbs per gallon.

### USE SUGGESTIONS:

#### General Use:

**VEGETABLES:** Dissolve 9 lbs of **5-11-26** per 1,000 gallons of water to equal 50 ppm N, or 18 lbs per 1,000 gallons to equal 100 ppm N.

**FLOWERS:** Dissolve 6 lbs of **5-11-26** per 1,000 gallons of water to equal 36 ppm N, or 12 lbs per 1,000 gallons to equal 72 ppm N.

#### Using in Combination with Calcium Nitrate:

**Instructions:** Total nitrogen and calcium levels are controlled by using varying amounts of calcium nitrate simultaneously with **5-11-26**. All micronutrients and other essential nutrients are contained in **5-11-26**.

#### Suggested use rates:

Use enough **5-11-26** to supply 50 ppm N and no more. This supplies proper levels of all nutrients except nitrogen and calcium which should be added separately to avoid formation of precipitate.

13.4 oz. per 100 gallons = 50 ppm N

E.C. at 50 ppm N = 1.1 mS/cm

Use the following amounts of calcium nitrate per 100 gallons as required for specific crop and growing environment:

Ounces	ppm N	ppm Ca	mS/cm
4.5	50	61	0.37
9	100	123	0.74
13.5	150	184	1.11
18	200	245	1.48

**Warranty:** Warranty of this product implied, is limited to the guaranteed analysis on this label, in as much as misuse is beyond sellers control. Likewise, seller is not liable for any injury to living things, crops, soils, or materials which may result from the use of this product.



### DANGER

May damage fertility. May damage the unborn child. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves / protective clothing / eye protection. IF exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container according to local/state/federal regulations.

IN CASE OF EMERGENCY CALL CHEMTREC

For Hazardous Materials [or Dangerous Goods] Incidents **ONLY** (spill, leak, fire, exposure or accident) 1-800-424-9300

For additional information, see Safety Data Sheet (SDS) for this product

Suggested total nitrogen for bag culture tomatoes is 100-150 ppm N. Other hydroponic systems use higher nitrogen levels. Consult crop and system guidelines.

Example for bag culture tomato:

<b>5-11-26</b>	50 ppm N	1.10 mS/cm
Calcium Nitrate	<u>100 ppm N</u>	<u>0.74 mS/cm</u>
Combined	150 ppm N	1.84 mS/cm

Use half of rates above during initial growth until seedlings are well established. Levels shown above are sufficient for all stages of mature growth and fruit production. Monitor crop tissue levels regularly to manage nutrient levels.

The above shown solution provides the following nutrient levels in ppm:

Total Nitrogen (N)	150
Ammoniacal (NH <sub>4</sub> )	7
Nitrate (NO <sub>3</sub> )	143
Phosphate (P)	110
Potassium (K)	260
Calcium	123
Magnesium	60
Sulfur	80
Boron	0.5
Copper	0.15
Iron	3
Molybdenum	0.1
Manganese	0.5
Zinc	0.15

MANUFACTURED For:  
Diamond R Fertilizer, Inc.  
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**F1573**

**Net Weight: 25 lbs (11.35 kg)**