

**CAUTION** - This product contains BORON and MOLYBDENUM. Determine plant sensitivity prior to use. Plants containing excess MOLYBDENUM are toxic to livestock. Crops sensitive to either of these elements may be injured.



A HUBER COMPANY

# SUPREME EXPRESS

## 16-4-13



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### GUARANTEED ANALYSIS

Total Nitrogen (N).....	16%
3.82% Ammoniacal Nitrogen	
12.18% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	4%
Soluble Potash (K <sub>2</sub> O).....	13%
Calcium (Ca).....	4%
Magnesium (Mg).....	2%
2% Water Soluble Magnesium (Mg)	
Boron (B).....	0.01%
Copper (Cu).....	0.05%
0.05% Water Soluble Copper (Cu)	
Iron (Fe).....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn).....	0.05%
0.05% Soluble Manganese (Mn)	
Molybdenum (Mo).....	0.0009%
Zinc (Zn).....	0.05%
0.05% Water Soluble Zinc (Zn)	

Derived From: Ammonium Nitrate, Calcium Nitrate, Potassium Nitrate, Magnesium Nitrate, Potassium Phosphate, Copper Sulfate, Iron EDTA, Manganese Sulfate, Zinc Sulfate, Boric Acid and Ammonium Molybdate.

Potential Neutral Formula

Manufactured For:  
MILLER CHEMICAL & FERTILIZER, LLC  
P.O. Box 333, Hanover, PA 17331  
1-800-233-2040

Net Weight 25 lb (11.34 kg)



### WARNING

**May intensify fire; Oxidizer**

Keep away from heat. Keep/store away from clothing and combustible materials. Take any precaution to avoid mixing with combustible materials. Wear protective gloves/eye/face protection. In case of fire, use appropriate media to extinguish. Dispose of contents and container in accordance with local/regional/national/international regulations.

	Parts Per Million						
<b>Nitrogen</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>200</b>	<b>300</b>	<b>400</b>
<b>Calcium</b>	<b>6.25</b>	<b>12.5</b>	<b>18.75</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>
<b>Magnesium</b>	<b>3.125</b>	<b>6.25</b>	<b>9.375</b>	<b>12.5</b>	<b>25</b>	<b>37.5</b>	<b>50</b>
<b>Injector Dilution Ratio</b>	<b>Ounces Per Gallon Of Concentrate To Achieve PPM*</b>						
<b>1:300</b>	<b>6.25</b>	<b>12.5</b>	<b>18.75</b>	<b>25</b>	<b>50</b>	<b>*</b>	<b>*</b>
<b>1:200</b>	<b>4.17</b>	<b>8.33</b>	<b>12.51</b>	<b>16.67</b>	<b>33.34</b>	<b>*</b>	<b>*</b>
<b>1:100</b>	<b>2.08</b>	<b>4.17</b>	<b>6.24</b>	<b>8.33</b>	<b>16.67</b>	<b>25</b>	<b>33.32</b>

\* Limit of solubility 3.0 lbs. (48 oz.)/gallon

\* When making a tank volume of final solution equal to 100, 200 or 300 gallons of water, add the amount of fertilizer listed under ppm.

In the case of 300 ppm N, add 50 oz. (3.12 lbs.) for 200 gallons and 75 oz. (4.69 lbs.) for 300 gallons of water.

In the case of 400 ppm N, add 66.5 oz. (4.15 lbs.) for 200 gallons and 99.9 oz. (6.24 lbs.) for 300 gallons of water.

### SUGGESTED DIRECTIONS

#### TOBACCO GREENHOUSE PRODUCTION: (Float Systems)

1. Figure volume of water in bed by using the following formula:  
Length (feet) x Width (feet) x Depth (feet) x 7.48 gallon per cubic foot.
2. Determine ppm desired to grow utilizing the following chart to achieve this level:

PPM*	Ounces of 16-4-13 per 100 gallons
<b>250</b>	<b>20.83</b>
<b>200</b>	<b>16.67</b>
<b>150</b>	<b>12.50</b>
<b>125</b>	<b>10.4</b>
<b>100</b>	<b>8.33</b>
<b>50</b>	<b>4.17</b>

3. If using an injector, refer to injectordilution table above.
4. Overhead Watering Systems: Use injector dilution table if using an injector. If utilizing a storage tank for irrigation of solution, determine volume of water in 100 gallon increments and follow chart listed under float systems.  
\*Our normal recommendation is between 125-150 ppm Nitrogen on a constant basis.

#### FRUIT AND VEGETABLE CROPS:

Use at the rate of 3 to 5 lbs. per acre per day for supplemental feeding through drip irrigation. Applications should be dependent on crop type, stage in cropping period, soil type, and crop fertilization practices.

### FIRST AID

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface.

**SKIN CONTACT:** Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferably by mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

**INGESTION:** If swallowed, DO NOT induce vomiting. Rinse mouth with water, Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately!

### FOLIAR APPLICATIONS (All crops)

Apply **Miller's Supreme** at 2 to 6 lbs. per acre to supplement nutritional crop requirements. Do not apply in concentrations greater than 2 lbs. in 25 gallons of water.

Tank mixing Nu Film® P or Nu Film® 17 will extend the absorption time insuring complete nutritional uptake.

### STORAGE CAUTION

**Miller's Supreme** is extremely hygroscopic, and will pick up moisture. **Miller's Supreme** should be stored in a dry area away from other materials which might be hygroscopic. If a bag becomes torn, it should be removed immediately to prevent further damage to surrounding bags. INVENTORY SHOULD BE ROTATED CONTINUOUSLY. Miller Chemical will not be responsible for damage to **Miller's Supreme** once it is signed for and in the possession of the distributor.

### SAFETY INSTRUCTIONS

For Safety Instructions refer to the MATERIAL SAFETY DATA SHEET.

WARNING: MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION.

- Avoid Contact with Eyes, Skin, and Clothing
- Wash Thoroughly After Handling
- Avoid Breathing Dust
- Do Not Swallow

### SPILLS AND DISPOSAL

If spilled, absorb with an inert noncombustible material, and remove for disposal. Dispose of all waste in accordance with applicable Government Regulations.

### IMPORTANT NOTICE TO PURCHASER

Sellers' and manufacturers' only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury loss or damage, direct or consequential, arising out of the use of this product. Purchase of this bag of fertilizer indicates purchasers' agreement to terms of this non-warranty clause. Information concerning the raw materials composing this product can be obtained by writing to Miller Chemical & Fertilizer, LLC, P.O. Box 333, Hanover, PA 17331 . Please refer to the batch number found on this container.

**FOR PROFESSIONAL USE ONLY  
KEEP OUT OF REACH OF CHILDREN**