

# Authentic MSU Formula Plant Food

## FEED ME!

### MSU Well Water Version Fertilizer for Orchids

#### Directions for Use

##### How Do I Mix FEED ME?

- Mix liquid FEED ME! at 1 oz/gallon in the fall/winter and 1.5 oz/gallon in the spring and summer. One ounce is equal to 2 tablespoons.
- Mix granular Well Water FEED ME! at 1/2 teaspoon/gallon in the fall/winter and 3/4 teaspoon/gallon in the spring/summer.
- If using a fertilizer injector, mix the stock solution proportional to the ratio of the injector. For example, for a 1:3 injector you would want to add 3 times as much fertilizer as you would if feeding directly.

##### What is the best way to fertilize orchids?

- Use a solution of fertilizer and water with the weekly watering 3 out of every 4 weeks of each month.
- Flush pots with ample water on the 4<sup>th</sup> week and do not fertilize. This will leach out salts left behind in the media.
- Best practice is to store in a cold dark place as this is an organic product.

##### How much fertilizer should be applied?

- Best practice is to water first by pouring water over the top of the mix until it runs out of the bottom of the pot. Right after that, pour mixed fertilizer over the top of the mix the same way, until it runs out of the bottom of the pot.
- Don't try to make up for not fertilizing by giving a hefty amount all at once, instead try to fertilize "weekly weakly". When in doubt, too little is better than too much.
- Use a solution of 125ppm Nitrogen in the fall/winter and 50% more in the spring/summer or when plants are in their most active growth (almost 200ppm). The mixing instructions for FEED ME! provide this amount.

#### Granular FEED ME! Well Water Nutrient Analysis

for continuous liquid feeding programs

<b>Macronutrients:</b> 19.0% Total Nitrogen (Nitrate Nitrogen 13.6%, Ammoniacal Nitrogen 5.7%) 4% Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) 23% Soluble Potash (K <sub>2</sub> O) 2% Calcium (Ca) Derived from calcium nitrate, magnesium nitrate, potassium nitrate and monopotassium phosphate	<b>Micronutrients:</b> 0.160% Iron (Fe) 0.080% Manganese (Mn) 0.080% Zinc (Zn) 0.080% Copper (Cu) 0.016% Boron (B) 0.016% Molybdenum (Mo) Derived from Iron EDTA, manganese sulfate, zinc sulfate, copper sulfate, boric acid, ammonium nitrate
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Granular and liquid FEED ME! when mixed as directed provide the same nutrient value.