



# NUTRIENT UPTAKE ENHANCEMENT FLOURISH 4-12-0



## ADVANTAGES

*P, Ca, B, Cu, Mn & Zn in  
One Easy-to-Use Mix \*other micro-  
nutrients & available as custom blends*

Provides Root Growth  
Promoting Precursors

Acidifies Water

## OVERVIEW

NUE Flourish 4-12-0 Plus 4.5% Calcium and micronutrients is a complete fertilizer designed primarily for drip irrigation applications to deliver the synergistic benefits of phosphate and calcium.

It contains additional amino acids, organic acids, fulvic acids and plant growth promoting substances\* which grow roots and boost nutrient uptake.



### COMPATIBLE

- Premium 6, 21 & Rhizo-Pro
- Bio-Gro Micronutrients
- Consult your Bio-Gro rep. prior to mixing with other fertilizers



### RESULTS

- Improved Root Systems
- Larger, High Quality Yields
- Consistent Growth through Stress Periods

## BENEFITS

Early applications NUE Flourish ensure phosphate and calcium to promote strong root growth and crown & canopy development. Used extensively on high value crops, repeated applications result in larger, high quality fruit with improved shelf life.

NUE Flourish is an important part of a Bio-Gro Complete Fertility Solution – optimum responses are possible when adequate nutrients, irrigation and anti-stress programs are utilized. For best practice, NUE Flourish is recommended to be mixed with humic acids, especially in low EC and/or saline soil conditions. We recommend our compatible CHB Premium 6. Call your authorized Bio-Gro, Inc. representative today.

## CONTENTS

|   |      |
|---|------|
| <b>Total Nitrogen</b> .....                         | 4.0% |
| 4% Nitrate Nitrogen                                 |      |
| <b>Phosphate (P<sub>2</sub>O<sub>5</sub>)</b> ..... | 12%  |
| <b>Calcium (Ca)</b> .....                           | 4.9% |
| <b>Boron (B)</b> .....                              | 0.1% |
| <b>Copper (Cu)</b> .....                            | 0.2% |
| <b>Manganese (Mn)</b> .....                         | 0.2% |
| <b>Zinc (Zn)</b> .....                              | 0.3% |

Derived from phosphoric acid, calcium nitrate, boric acid, copper nitrate, manganese nitrate and zinc nitrate

## APPLICATION RATES

### Soil Application:

3-10 gal/acre weekly during rapid growth and fruiting.  
1-3 gal/acre at planting  
5-10 gal/acre during Spring root flush on permanent crops

### Foliar Application:

1-4 quarts/acre applications Blend at minimum ratio of 1:20

### Mixing Instructions

Best Practice: Inject directly into irrigation system. Consult Bio-Gro Rep before mixing with other fertilizers.

### Storage

Do not store below 32F. Do not allow the product to freeze. Store out of direct sunlight. Keep in a cool location out of reach of children and livestock.

11.2 lbs/gal pH 0

BG REV 2.21.2020

