

# **GROWFORCE** Max Fruit

NUTRITION

*A high analysis NPK solution with trace elements for aiding flowering and fruit fill*

**NPK: 3 - 16 - 22 , 1.3% S, 0.01 Mg**

## **Benefits of Growforce® Max Fruit**

- Contains a high level of potassium to optimize flowering and fruit fill and pod set
- Supplies a range of trace elements to maximize nutrient utilization
- Premixed in carefully controlled ratios so the crop receives the essential nutrients specific to its growth stage
- Completely soluble and plant available delivering the required amount of nutrients with low application rates
- High concentration reduces quantity of product needed and saves on packaging and freight costs
- Clear liquid formulation makes it easy to decant into spray equipment, mixing tanks and irrigation
- Can be applied with a wide range of other agricultural chemicals

### **THE ROLE OF NITROGEN**

Nitrogen is the major building block in protein and chlorophyll. It is also essential for lipid and cytoplasm formation. Highly mobile in the plant, it is translocated and utilized in the growing tips.

### **THE ROLE OF PHOSPHORUS**

Phosphorus acts as a structural component of nucleic acids and phospholipids which form plant membranes. It is also important in cell division, photosynthesis, sugar and starch formation, energy transfer and movement of carbohydrates.

### **THE ROLE OF POTASSIUM**

Highly mobile in the plant, potassium regulates the turgidity of cells and is therefore important in stomata control. Potassium also maintains cell division, formation of proteins, carbohydrates and fats.

### **Deficiency Symptoms of Nitrogen**

- Small, pale older leaves
- Poor shoot growth
- Poor fruit set
- Stunted plants
- Small fruit size / reduced yield

### **Deficiency Symptoms of Phosphorus**

- Lack of growth in tops / roots
- Purple older leaves
- Dark yellow leaf tips
- Low yield / purple stems

### **Deficiency Symptoms of Potassium**

- Scorched leaf edges
- Yield and quality of fruit affected

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## Product Characteristics

**Specific Gravity:** 1.42 **Color:** Green Liquid

Analysis	International (w/w%)
Nitrogen (N)	3.5
Phosphorus (P)	16.1 (P <sub>2</sub> O <sub>5</sub> )
Potassium (K)	22.6 (K <sub>2</sub> O)
Sulphur (S)	1.3
Magnesium (Mg)	0.01

## Directions for Use

Agitate contents well before dilution. Suitable for application by:

 <b>Foliar Spray</b>	 <b>Fertigation</b>
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CROP	Rate/A	COMMENTS
<b>AVOCADOS, MANGOES &amp; OTHER TROPICAL FRUIT</b> - Fertigation	4 - 9 qts.	Apply at 7 - 14 day intervals from fruit set through to harvest
<b>BERRY FRUITS</b> - Foliar - Fertigation	1 - 2 qts. 1.5 - 3 qts.	Apply every 7 - 10 days from flowering through to harvest
<b>BRASSICAS</b> - Foliar - Fertigation	2 - 4 qts. 4 - 6 qts.	Apply every 14 days from head formation to harvest
<b>CARROTS</b> - Foliar - Fertigation	1.5 - 3 qts. 2 - 4 qts.	Apply every 7 - 14 days once sufficient leaf area
<b>CEREALS</b> - Foliar Other Broadacre Crops Pastures	1.5 - 3 qts. 2 - 3 qts. 1.5 - 3 qts.	Apply post emergence well before flowering Apply at regular intervals at vegetative and flowering to fruiting Apply post nodulation at regular intervals or to boost P & K
<b>CITRUS - Fertigation</b>	3 - 4 qts.	Apply from fruit set through to harvest every 14 days
<b>CUCURBITS</b> - Foliar - Fertigation	2 - 4 qts. 2 - 6 qts.	Apply every 7 - 14 days from flowering to harvest
<b>LEAFY GREENS</b> - Foliar - Fertigation	1.5 - 3 qts. 3 - 5 qts.	Every 7 - 14 days from mid-crop through to harvest
<b>LEGUMES</b> - Foliar - Fertigation	1 - 2 qts. 3 - 6 qts.	Apply at flowering and during pod development
<b>MACADAMIAS</b> - Foliar - Fertigation	2 - 3 qts. 4 - 8 qts.	Apply from nut development through to harvest at 14 - 21 day intervals
<b>OLIVES</b> - Foliar - Fertigation	3 - 4 qts. 4 - 6 qts.	Apply at 7 - 14 day intervals from fruit set through to harvest
<b>ONIONS</b> - Foliar - Fertigation	1.5 - 2 qts. 2 - 4 qts.	Apply from bulb formation to harvest
<b>PINEAPPLES - Fertigation</b>	2 - 4 qts.	Apply at 14 - 21 day intervals from fruit set through to harvest
<b>POME FRUIT - Fertigation</b>	4 - 6 qts.	Apply every 7 - 14 days from fruit set
<b>POTATOES</b> - Foliar - Fertigation	1.5 - 2 qts. 2 - 4 qts.	Apply every 7 - 14 day from tuber initiation to harvest
<b>STONE FRUIT - Fertigation</b>	4 - 8 qts.	Apply at 7 - 14 day intervals from fruit set through to harvest
<b>STRAWBERRIES</b> - Foliar - Fertigation	1.5 - 2 qts. 4 - 6 qts.	Apply every 7 - 10 days from flowering to harvest
<b>TOMATOES</b> - Foliar - Fertigation	2 - 3 qts. 4 - 6 qts.	Apply every 7 - 10 days from second truss formation to harvest
<b>VINES</b> - Foliar - Fertigation	1 - 2 qts. 4 - 6 qts.	Apply every 14 days from flowering onwards. Do not exceed 2x concentration or 2x per acre rate.