

# APPLE CROP PROGRAM



## Bloomtime

Helps drive earliness, and support root flush

### Foliar Applied

**Transit® Foliar**  
at 8 ounces/acre

**Phosron® Foliar**  
at 2-3 quarts/acre\*

**CellMate® Foliar**  
at 1-3 quarts/acre

### Soil Applied

**Calron® Soil**  
at 2-3 quarts/acre

**Phosron® Soil**  
at 5-10 gallons/acre

**FBS Humate Plus™**  
at 1 quart/acre



## Leaf Out and Early Cell Division in Fruit

Helps drive earliness and support cell division in the fruit

### Foliar Applied

**Transit Foliar**  
at 6 ounces/acre

**Phosron Foliar**  
at 2 quarts/acre\*

**CellMate Foliar**  
at 1-3 quarts/acre

**PhotoGreen® Foliar**  
at 2-3 quarts/acre

### Soil Applied

**Zicron Soil or ZiCAN Soil**  
at 2-3 quarts/acre

**Calron Soil**  
at 2-3 quarts/acre



## Cell Elongation and Fruit Sizing

Helps support stronger cell walls for improved fruit quality with less bitter pit or other internal fruit quality problems

### Foliar Applied

**Transit Foliar**  
at 6 ounces/acre

**CellMate Foliar**  
at 1-3 quarts/acre

**K-Surge™**  
at 2-3 quarts/acre

### Soil Applied

**Zicron Soil or ZiCAN Soil**  
at 2-3 quarts/acre

**FBS Humate Plus**  
at 1 quart/acre



## Fruit Maturation, Pre-Harvest

Supports fruit quality and storability by moderating heat or moisture stress impacts on the trees

### Foliar Applied

**Transit Foliar**  
at 6 ounces/acre

**BounceBack Foliar**  
at 1-3 quarts/acre

**K-Surge**  
at 2-3 quarts/acre

### Soil Applied

**Zicron Soil or ZiCAN Soil**  
at 2-3 quarts/acre



## Post Harvest or Dormant Sprays

To support pollination

### Foliar Applied

**BoronBoost® Foliar**  
at 1-2 pint/acre

**SloN Plus™**  
at 1 pint/acre

**Zicron® Foliar**  
at 1-2 quarts/acre\*

### Soil Applied

**Zicron Soil or ZiCAN Soil**  
at 2-3 quarts/acre

**Phosron Soil**  
at 5-10 gallons/acre

\*Always add **FBS Harmony™** at 1 pint for every 2 pints of **Phosron Foliar** and **Zicron Foliar** to improve compatibility and uptake.

This program can be adapted to individual field or farm conditions based upon soil and tissue tests. Rates can vary and additional FBS products can be substituted to address specific nutrient deficiencies or stress situations.



Other nutrients as required.  
See back page for more details.



# PRODUCT SOLUTION BY GROWING CONDITION

Condition	Solution
<b>Nitrogen (N) Low</b>	SloN Plus
<b>Nitrogen (N) High</b>	Copron Soil, Copron Foliar, MicroBlend Foliar Zn-Mn-Cu
<b>Phosphorus (P) Low</b>	Phosron Soil, Phosron Foliar
<b>Phosphorus (P) High</b>	PhotoGreen Soil, PhotoGreen Foliar, Zicron Soil, Zicron Foliar, Manron Soil, Manron Foliar, Copron Soil, Copron Foliar, MicroBlend Foliar Zn-Mn-Cu
<b>Potassium (K<sub>2</sub>O) Low</b>	K-Surge
<b>Potassium (K<sub>2</sub>O) High</b>	GreenSurge Foliar, Calron Soil, Cellmate Foliar, BounceBack Foliar
<b>Calcium (Ca) Low</b>	Calron Soil, CellMate Foliar, BounceBack Foliar
<b>Calcium (Ca) High</b>	GreenSurge Foliar, ChloroDrive Foliar
<b>Magnesium (Mg) Low</b>	GreenSurge Foliar, ChloroDrive Foliar
<b>Magnesium (Mg) High</b>	Calron Soil, CellMate Foliar, BounceBack Foliar
<b>Sulfate (SO<sub>4</sub>) High</b>	Calron Soil, CellMate Foliar, BounceBack Foliar
<b>Sodium (Na) High</b>	K-Surge, Transit Soil, FBS Humate Plus, Calron Soil
<b>Boron (B) Low</b>	BoronBoost Soil, Boron Boost Foliar, CellMate Foliar
<b>Boron (B) High</b>	Calron Soil, BounceBack Foliar
<b>Copper (Cu) Low</b>	Copron Soil, Copron Soil, MicroBlend Foliar Zn-Mn-Cu
<b>Copper (Cu) High</b>	Zicron Soil, Zicron Foliar, ZiCAN Soil, PhotoGreen Soil, PhotoGreen Foliar
<b>Iron (Fe) Low</b>	PhotoGreen Soil, PhotoGreen Foliar
<b>Iron (Fe) High</b>	Zicron Soil, Zicron Foliar, ZiCAN Soil
<b>Manganese (Mn) Low</b>	Manron Soil, Manron Foliar
<b>Manganese (Mn) High</b>	Zicron Soil, Zicron Foliar, ZiCAN Soil, PhotoGreen Soil, PhotoGreen Foliar
<b>Zinc (Zn) Low</b>	Zicron Soil, Zicron Foliar, ZiCAN Soil
<b>Zinc (Zn) High</b>	PhotoGreen Soil, PhotoGreen Foliar, Manron Soil, Manron Foliar
<b>Micronutrients Low</b>	MicroBlend Foliar Zn-Mn-Cu, MicroBlend Foliar Zn-Mn-B, ChloroDrive Foliar
<b>Chloride (Cl) High</b>	Transit Soil, Transit Foliar, FBS Humate Plus
<b>Silicon (Si) High</b>	Calron Soil, CellMate Foliar, BounceBack Foliar
<b>Acidifier (Tank Buffer)</b>	FBS Harmony
<b>Compatibilty Aid (Tank Mixing)</b>	FBS Harmony, FBS Marshal

Condition	Solution
<b>Bicarbonates HCO<sub>3</sub> High</b>	Transit Soil, Transit Foliar, FBS Humate Plus, PhotoGreen Foliar
<b>"Hydrogen (H) Percent Base Saturation High"</b>	FBS Humate Plus, Transit Soil, Calron Soil
<b>CEC Low</b>	FBS Humate Plus, Transit Soil
<b>Organic Matter Low</b>	FBS Humate Plus, Transit Soil
<b>Organic Matter High</b>	FBS Humate Plus, Transit Soil
<b>Light Sandy Soils</b>	FBS Humate Plus, Transit Soil
<b>Heavy Clay Soils</b>	FBS Humate Plus, Transit Soil
<b>Soil Conditioning</b>	FBS Humate Plus
<b>Alternate Bearing</b>	Transit Soil, Transit Foliar, FBS Humate Plus
<b>Bud/Blossom Set</b>	CellMate Foliar, MicroBlend Foliar Zn-Mn-B, BoronBoost Foliar, MicroBlend Foliar Zn-Mn-Cu
<b>Bulking</b>	K-Surge, Calron Soil, BounceBack Foliar, Cellmate Foliar
<b>Chlorosis</b>	PhotoGreen Foliar, PhotoGreen Soil, Zicron Foliar, Zicron Soil, Manron Foliar, Manron Soil, MicroBlend Foliar Zn-Mn-Cu, MicroBlend Foliar Zn-Mn-B, ChloroDrive Foliar, GreenSurge Foliar
<b>Cold Stress</b>	Phosron Soil, Phosron Foliar, FBS Humate Plus, Transit Soil, Transit Foliar
<b>Crop Damage</b>	Phosron Foliar, Phosron Soil, FBS Humate Plus, Transit Foliar, Transit Soil, K-Surge
<b>Drought Stress</b>	K-Surge, Transit Soil, Transit Foliar, FBS Humate Plus
<b>Fungal Disease</b>	Carbon Defense
<b>Heat Stress</b>	BounceBack Foliar, K-Surge, Transit Foliar
<b>Lignin Synthesis</b>	Copron Soil, Copron Foliar, MicroBlend Foliar Zn-Mn-Cu
<b>Moisture Stress</b>	FBS Humate Plus, K-Surge, Transit Foliar
<b>Nutrient Use Efficiency (NUE)</b>	Transit Soil, Transit Foliar, FBS Organics Transit Soil, FBS Humate Plus
<b>Pesticide Residue/Damage</b>	FBS Humate Plus, Transit Soil
<b>Plant Health/Strength</b>	Transit Soil, Transit Foliar, FBS Humate Plus
<b>Rooting Enhancement</b>	Transit Soil, Phosron Soil, Phosron Foliar, K-Surge, FBS Humate Plus
<b>Salt Stress</b>	Transit Soil, Transit Foliar, FBS Humate Plus

Verify these conditions with soil and tissue testing accompanied by field inspections.