

# WALNUT CROP PROGRAM



## Bloom/Leaf Out

Supports peak photosynthetic capacity and pollination success

### Foliar Applied

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

**Phosron® Foliar**  
at 2-4 quarts/acre\*

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

### Soil Applied

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

**Transit Soil®**  
at 12 ounces/acre



## Post Pollination Early Cell Division

Supports early cell division in the nuts

### Foliar Applied

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

**Transit® Foliar**  
at 6 ounces/acre

### Soil Applied

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



## Fruit Enlargement Shell and Hull Formation

Increases photosynthesis and nut quality

### Foliar Applied

**BounceBack® Foliar**  
at 2-4 quarts/acre

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

### Soil Applied

**Copron® Soil**  
at 1 quart/acre

**Transit Soil**  
at 10 ounces/acre



## Bud Differentiation and Nut Fill

Supports early cell division in the nuts

### Foliar Applied

**BounceBack Foliar**  
at 2-4 quarts/acre

**MicroBlend Foliar™ Zn-Mn-Cu**  
at 1-2 quarts/acre

**Transit Foliar**  
at 6 ounces/acre

### Soil Applied

**Zicron Soil**  
at 2-4 quarts/acre

**BoronBoost® Soil**  
at 2-4 quarts/acre

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



## Post Harvest

Supports root and bark health

### Foliar Applied

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

### Soil Applied

**Zicron Soil**  
at 2-4 quarts/acre

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

**Transit Soil**  
at 10 ounces/acre

\*Always add **FBS Harmony™** at 1 pint for every 2 pints of **Phosron 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
<b>Magnesium (Mg) Low</b>	GreenSurge 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>	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
<b>Copper (Cu) High</b>	Phosron Soil, Phosron 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>	Phosron Soil, Phosron 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, Phosron Soil, Phosron Soil
<b>Micronutrients Low</b>	MicroBlend Foliar Zn-Mn-Cu, MicroBlend Foliar Zn-Mn-B, Citros Foliar
<b>Silicon (Si) High</b>	Calron Soil, CellMate Foliar, BounceBack Foliar
<b>Chloride (Cl) High</b>	Transit Soil, Transit Foliar, FBS Humate Plus
<b>Acidifier (Tank Buffer)</b>	FBS Harmony
<b>Compatibility Aid (Tank Mixing)</b>	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>	MicroBlend Foliar Zn-Mn-Cu, MicroBlend Foliar Zn-Mn-B, BoronBoost Foliar, CellMate Foliar
<b>Bulking</b>	Calron Soil, BounceBack Foliar, Cellmate Foliar
<b>Chlorosis</b>	GreenSurge Foliar, Manron Foliar, PhotoGreen Foliar, Zicron Foliar, MicroBlend Foliar Zn-Mn-Cu, MicroBlend Foliar Zn-Mn-B
<b>Cold Stress</b>	Phosron Soil, Phosron Foliar, FBS Humate Plus, Transit Soil, Transit Foliar
<b>Crop Damage</b>	Phosron Soil, Phosron Foliar, FBS Humate Plus, Transit Soil, Transit Foliar
<b>Drought Stress</b>	Transit Soil, Transit Foliar, FBS Humate Plus
<b>Fungal Disease</b>	Carbon Defense
<b>Heat Stress</b>	BounceBack Foliar, Transit Foliar
<b>Lignin Synthesis</b>	Copron Soil, Copron Foliar, MicroBlend Foliar Zn-Mn-Cu
<b>Moisture Stress</b>	FBS Humate Plus, 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, 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.