

# ALMOND CROP PROGRAM



## Pink Bud/Full Bloom

Supports pollination, peak photosynthetic capacity and higher nut retention

### Foliar Applied

**Transit Foliar®**  
at 10 ounces/acre

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

**Phosron® Foliar**  
at 3-4 quarts/acre\*

### Soil Applied

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



## Petal Fall/Leaf Out

Supports pollination, peak photosynthetic capacity and higher nut retention

### Foliar Applied

**Phosron Foliar**  
at 3-4 quarts/acre\*

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

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



## Early Cell Division

Supports increased cell division leading to higher nut weight and peak photosynthetic capacity

### Foliar Applied

**CellMate Foliar**  
at 1 quart/acre

**Phosron Foliar**  
at 3 quarts/acre\*

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

### Soil Applied

**Zicron® Soil or ZiCAN Soil**  
at 2-4 quarts/acre

**BorCAN™ Soil**  
at 1-2 quarts/acre

**Transit Soil®**  
at 6 ounces/acre



## Nut Fill

Supports increased nut size and quality and low percent of shriveled kernels

### Foliar Applied

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

**Transit Foliar**  
at 10 ounces/acre

**K-Surge™**  
at 1-3 quarts/acre

### Soil Applied

**Zicron® Soil**  
at 2-3 quarts/acre

**Calron® Soil**  
at 2-4 quarts/acre

**Copron® Soil**  
at 1-2 quarts/acre



## Hull Split

Supports high bud fruitfulness and mitigates heat stress prior to harvest

### Foliar Applied

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

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

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

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

### Soil Applied

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

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

**Transit Soil**  
at 10 ounces/acre



## Pre-Harvest/Post-Harvest

Supports root and bark health, and increased carbohydrates as the tree goes into dormancy and loads the tissues and buds for successful pollination and nut set when the dormancy breaks in the Spring

### Foliar Applied

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

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

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

### Soil Applied

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

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

**Copron Soil**  
at 1-2 quarts/acre

**Transit Soil**  
at 10 ounces/acre



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.