

Calphos™

Calphos™ is a unique product like no other. Through the innovation of our research team, Baicor® has been able to produce a product with high amounts of Calcium and Phosphorus that remain in solution. Calcium is primarily taken up through the root tips in the soil. In times of peak calcium demand, the plant may not be able to satisfy its needs by root uptake. This results in internal brown spot for potatoes, blossom end rot in tomatoes, bitter pit in apples etc. Foliar addition of calcium assures adequate nutrients for membranes, cell wall development and plant structure.

Benefits of **Calcium**

Essential for cell wall formation and structure, necessary for development of firm fruit and vegetables.

- Regulates nutrient uptake by roots throughout the entire plant. Helps grain and seed development.
- Essential for early and new root growth, enhances pollen germination.
- Necessary for protein and sugar transfer throughout the plant.
- Stronger cell walls - helps resist disease and stress conditions.

Benefits of **Phosphorus**

- Phosphorus can be quickly absorbed by the tissue and is very effective when applied as a foliar.
- The highest distribution of phosphorus within the plant is in the cell plasma and it is a key ingredient in the many energy requiring reactions in the plant.
- Plants with high level of phosphorus have increased tolerance to many stress conditions. Good phosphorus levels also help turf grass recover from stress or injury more rapidly. There are also some indications by researchers that P plays a key role in reducing disease infections.

GUARANTEED ANALYSIS

Total Nitrogen (N).....	7.0%
0.4% Ammoniacal Nitrogen	
5.3% Nitrate Nitrogen	
1.3% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	2.8%
Calcium (Ca)	6.0%
6.0% water soluble calcium (Ca)	

Application Rates

ADD WATER FIRST TO TANK OR SPRAYER BEFORE ADDING PRODUCT!

AERIAL APPLICATIONS: Use at least 20 parts water to 1 part of BAICOR fertilizer. Add at least 20 parts water before introducing product.

FOLIAR APPLICATIONS: Use at least 100 parts water to 1 part BAICOR Fertilizer. Add at least 50 parts of water before introducing product.

FRUIT, NUT & VINE CROPS: Including (but not limited to) almonds, hazelnuts, grapes, pecans and walnuts. Apply 0.5 – 1.5 quarts per acre.
NOTE: Before applying to pome or stone fruit, consult your qualified and licensed consultant for recommendations.

FIELD AND VEGETABLE CROPS: Apply 0.5 – 1.5 quarts per acre.

GRAIN CROPS: Apply 0.5 – 1.5 quarts per acre at 3-4 leaf stage.

TURF GRASSES: Apply 0.5 – 1.5 quarts per acre.

SPRINKLER IRRIGATION: Apply 1-3 quarts per acre with irrigation water. Use check valve to prevent back flow into water system

SOIL APPLICATION RATES: Use at least 20 parts water to 1 part BAICOR fertilizer. Do not apply directly to seeds unless it has been determined/tested by the consultant or grower that it is not harmful or injurious to the seed.

Maintenance Concentration	2 qts/acre
Beginning Deficiency	3 qts/acre
Severe Deficiency	4 qts/acre