

# Vigor-Cal<sup>TM</sup> with Boron

*Science-Driven Nutrition<sup>SM</sup>*

Agro-K's Vigor-Cal with Boron, a foliar calcium and boron spray, is derived from calcium carbonate and boric acid. A series of proprietary manufacturing processes are used to separate the calcium from the carbonate molecule and link it to a polysaccharide molecule creating a nutrient product linked to a sugar base. This process creates a foliar calcium product that can quickly penetrate plant tissue - leaves, buds and fruit skin. Nutrient uptake happens directly through the cell wall and via stomata. Once inside the cell, the calcium polysaccharide molecule is easily metabolized and mobilized by the plant system.

Vigor-Cal with Boron contains the name "vigor" as Agro-K's sugar based calcium greatly enhances plant vigor and health. Increasing calcium levels in the tissue increases leaf cuticle and fruit skin thickness leading to larger, better quality fruit that travels better and stores longer. Maximizing calcium levels also minimizes disease and fruit disorders that are related to calcium deficiencies.

## Guaranteed Analysis

Calcium (Ca) 5.0%  
Boron (B) 0.4%

## Derived From

Calcium Carbonate, Boric Acid

## Availability

1, 2.5, 5, 55 and 250 gallon  
10, 20, 200 and 1000 liter      Bulk

## Directions For Use

Vigor Cal with Boron is intended for foliar use. Apply 2 to 8 quarts per acre (5 to 20 liters per hectare) with sufficient water for thorough coverage. For best results, spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. If you have any questions regarding mixing or application rates contact your Agro-K dealer before using this product.

FOLIAR NUTRIENTS



**Suggested Uses**

**Tomatoes, Peppers, Cucumbers**

Apply 1 to 4 quarts per acre (2 to 10 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning or at second true leaf stage. Apply subsequent applications at 14 day intervals as needed to correct deficiencies or supplement nutritional requirements.

**Lettuce, Spinach and Other Leafy Vegetables as well as Broccoli, Cauliflower and Other Brassica Varieties**

Apply 1 to 4 quarts per acre (2 to 10 liters/hectare) per application. Apply the first application 7 days after transplanting, thinning, or at second true leaf stage. Apply one or two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

**Corn, Beans and Peas**

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply the first application at the fourth to fifth leaf. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

**Strawberries**

Apply 1 to 4 quarts per acre (2 to 10 liters/hectare) per application. Apply the first application 7-10 days after transplanting. Reapply at 7-14 day intervals or as needed to supplement nutritional requirements.

**Potatoes, Onions and Other Vegetable Root, Bulb or Tuber Crops**

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply the first application 2-3 weeks post emergence. Apply one to two subsequent applications at 10 to 14 day intervals or as needed to supplement nutritional requirements.

**Almonds, Walnuts and Other Nut Crops**

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application at bud break. Apply subsequent applications at petal fall and nut fill or as needed to supplement nutritional requirements.

**Plums, Peaches, Cherries and Other Stone Fruits**

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Apply subsequent applications at 30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

**Apples, Pears and Other Pome Fruits**

Apply 1 to 4 quarts per acre (2 to 10 liters/hectare) per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed to supplement nutritional requirements.

**Citrus and Avocados**

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 30 day intervals up to harvest or as needed to supplement nutritional requirements.

**Grapes**

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application two weeks prior to bloom. Apply subsequent applications as needed and determined by leaf analysis.

**Raspberries, Blackberries and Other Caneberries**

Apply 2 to 4 quarts per acre (4 to 10 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at 7-14 day intervals as needed to supplement nutritional requirements.

