

# CLEAN Cal-Boron



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

## THE CLEAN™ LINE

CLEAN CAL-BORON is an organically chelated calcium fertilizer with boron designed for foliar application to correct calcium and boron deficiencies. Clean Cal-Boron is derived from a natural brine solution calcium chloride. The natural organic chelation process used combined with Agro-K's proprietary fermentation manufacturing process produces a fertilizer that is soft on plant tissue and rapidly adsorbed to meet the nutritional needs of all developing crops.

**Calcium** is probably the most important element in maximizing fruit quality. Plants low in calcium will produce fruit with thinner cell walls and poor cell wall integrity. This can lead to splitting during sizing, internal breakdown post-harvest and poor shelf life. Achieving adequate or high levels of calcium in fruit is critical to producing a quality crop, maximizing a grower's pack-out and maintaining overall plant health. Increasing calcium levels in the tissue enhances leaf cuticle and fruit skin thickness leading to larger, firmer, better quality fruit that travels better and stores longer.

**Boron** synergies calcium and works with calcium to improve cell wall integrity during the cell division window. Boron is also key in the pollenization process and seed development so peak demand timing for boron start ahead of flowering and continues through fruit set.

### Guaranteed Analysis

Calcium (Ca) 5.0% / 5.0 Chelated Calcium

Boron (B) 0.5%

### Derived From

Calcium chloride chelated with citric acid, Disodium Octaborate Tetrahydrate

### Availability

2.5 gallon and 250 gallon

### Directions For Use

FOLIAR: Apply 1 to 4 quarts per acre with sufficient water for thorough coverage. Repeat every 10-14 days as needed.

APPLICATION PRECAUTIONS: Avoid applying to wet leaf and fruit surfaces. Apply to dry plant surfaces to the point of wet with no run-off. Avoid spraying at temperatures above 85 degrees at time of application during day light hours. Do not apply to fruiting crops between bloom and 6 weeks after petal fall, under cold or slow drying conditions.

MIXING: Clean-Cal-Boron may be mixed with most fertilizers, insecticides and/ or fungicides. A compatibility check is recommended. Check with your field representative for specific recommendations.



FOLIAR NUTRIENTS



## Suggested Uses

### Tomatoes, Peppers, Cucurbits

Apply 1 to 4 quarts/acre per application. Apply the first application 7-10 days after transplanting, thinning or at second true leaf stage. On small plants use the lowest rate. Apply subsequent applications at 10-14 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/acre 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.

### Beans and Peas

Apply 2 to 4 quarts/acre per application. Apply the first application pre-bloom. Apply one to two subsequent applications at the start of bloom and repeat at full bloom.

### Strawberries

Apply 1 to 4 quarts/acre per application. Apply the first application 7-10 days after transplanting if grown as an annual crop. On perennial strawberries begin applications at bud swell. Reapply pre-bloom and at 7-14 day intervals from bloom through the season as needed to supplement nutritional requirements.

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

Apply 2 to 4 quarts/acre 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/acre per application. Apply first application at pink bud or 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 1 to 4 quarts/acre per application. Apply first application at green tip on plums and at pink bud on nectarines and other stone fruit. Repeat application at petal fall and 10-14 days later. Apply subsequent applications at 14-30 day intervals up to pit hardening or as needed to supplement nutritional requirements.

### Apples, Pears and Other Pome Fruits

Apply 1 to 4 quarts/acre per application. Apply first application at green tip or bud break. Apply subsequent applications at petal fall and post thinning as needed on a 10-21 day schedule to supplement nutritional requirements.

### Citrus and Avocados

Apply 2 to 4 quarts/acre 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 1 to 4 quarts/acre per application. Apply first application two weeks prior to bloom. Reapply at bloom and again after fruit set. Apply subsequent applications as needed and determined by leaf analysis.

### Blueberries

Apply 1 to 4 quarts/acre per application. Apply first application two weeks prior to bloom. Reapply at bloom and again after fruit set. Apply subsequent applications as needed to support nutritional requirements and fruit quality.

### Raspberries, Blackberries and Other Caneberries

Apply 2 to 4 quarts/acre per application. Apply first application pre-bloom. Apply subsequent applications at full bloom and again at 14 day intervals as needed to supplement nutritional requirements.

### Alfalfa

Apply 2-4 pints/acre after each cutting to encourage regrowth.

### Corn

Apply 2-4 pints/acre at flowering and repeat application at kernel fill. Product can also be used to help mitigate environmental stress conditions. If heat events are anticipated, preferably apply prior to the start of the heat event. If crop is hailed, apply 2-6 pints/acre as soon as field conditions allow.

### Wheat

Apply 2-4 pints/acre at flowering. Product can also be used to help mitigate environmental stress conditions. If heat events are anticipated, preferably apply prior to the start of the heat event. If crop is hailed, apply 2-6 pints/acre as soon as field conditions allow.

### Cotton

Apply 2-4 pints/acre at the beginning of flowering.

### Hail Events

This product can be used to assist in crop recovery after hail events and can be used on all crops. Healing damaged tissue as quickly as possible and encouraging new growth is critical to saving the crop and maximizing yield potential. Applying product as soon as possible is critical for maximum efficacy. Product can be applied by air with fungicide applications. If air application is not possible, apply 2-6 pints/acre as soon as field conditions allow. Application can be repeated in 14 days.

