



**WHAT DOES IT DO?**

It prevents and corrects nutritional disorders caused by calcium deficiency.

**HOW DOES IT WORK?**

This formulation create intermediate stability calcium chelates; that protect the plant from the cuticle and epidermis of the leaf or fruit allowing easy flow through conduction tissues and effective entry into the demanding cells.

PHYSICAL PROPERTIES			
pH: 6.0 – 7.0 at 77 °F	Physical State: Liquid	Color: Brown	
Density: 11.0 – 11.18 lb/gal at 77 °F	Non-corrosive		
GENERAL PROPERTIES			
<b>Storage:</b> Keep closed in a well-ventilated and dry place.	<b>Environment alism:</b> Non residual, low impact	<b>Incompatibility:</b> Do not mix with stronger oxidizers	<b>Toxicity:</b> Slightly toxic

**INCOMPATIBILITY**

**NUTRI-CAL**® mixes with most chemicals used in the horticulture industry. A compatibility test is advised and recommended for each combination before tank mixing. Always start with the desired percentage of water in your test container, then add **NUTRI-CAL**® and other chemicals to the test solution. Do not mix with products that contain phosphates or sulphates.

**DOSE**

CROP	DOSE	APPLICATION
Alfalfa, Clover	4 qts. per acre per application	For hay, apply at 2 to 4 inches of new growth and after each cutting.
Almonds	2 to 4 qts. per acre per application	Apply pre - and /or post-bloom and repeat at intervals of 7 to 10 days.
Apples, Pears	2 qts. per acre per application.	Apply pre- and/or post bloom and repeat at intervals of 10 to 14 days.
Apricots, Prunes, Plums, Nectarines, Peaches, Cherries	2 qts. per acre per application.	Apply pre- and/or post-bloom and repeat at intervals of 7 to 10 days.
Artichokes	2 qts. per acre per application.	Apply when flowers are in bud stage, repeat every 7 to 10 days.
Asparagus	2 qts. per acre per application.	Apply just after start of new fern growth, repeat every 7 to 10 days.
Avocados	2 qts. per acre per application.	Flush wet foliage
Beans, Soybeans, Peas, Lentils	2 qts. per acre per application.	First application at bud to early bloom stage, repeat every 2 weeks.
Blueberries, Raspberries	2 qts. per acre per application.	Pre-bloom, repeat at intervals of 7 to 10 days.
Carrots, Beets, Sweet Potatoes and other vegetable root crops	2 qts. per acre per application.	When plants are 3 to 4 weeks old, repeat at intervals of 7 to 10 days.
Citrus (all varieties)	3 to 4 qts. per acre per application.	First application pre- to post-bloom with later applications over new growth flushes.
Cotton	2 to 3 qts per acre per application	At regular intervals during growing season.
Cranberries	3 to 4 qts. per acre per application.	First application at hook stage, second application just after fruit set, then repeat applications every 10-14 days.
Flowers & ornamentals	Mix 2 ozs. in 1 gallon water.	Apply once a month. In potting soil, add 1 teaspoon to soil every 2 weeks.
Grapes	2 qts. per acre per application.	First application when new shoots are in the 4 to 8 leaf stage. Repeat Applications every 10-14 days
Hops	2 qts. per acre per application.	In cover sprays.
Lettuce, Celery, Cole Crops and Leafy Vegetables	2 to 3 qts. per acre per application.	Make 6 to 8 applications at intervals of 7 to 10 days throughout the growing season starting when plants are 3 to 4 weeks old.
Melons, Cucumbers and other Cucurbits	2 to 3 qts. per acre per application.	Make applications at intervals of 7 to 10 days starting just prior to bloom up to harvest.
Nut crops (walnuts, pecans, pistachios, filberts)	3 to 4 qts. per acre per application	Pre-bloom and in cover sprays.
Onions (dry and green), Garlic	2 to 4 qts per acre per application.	Begin 1st application just prior to bulb formation. Make 6 - 8 applications.
Ornamental, Conifers	1 to 4 qts. per acre per application.	At regular intervals during growing season on conifers and non-flowering
Peanuts	2 to 4 qts. per acre per application	First application at early-bloom stage, repeat at intervals of 7 to 10 days.
Potatoes	2 to 4 qts. per acre per application	First application at hooking stage. Repeat every 10 - 14 days until desired rate is achieved. Use 3 – 5 gallons for year.
Strawberries	2 to 3 qts. per acre per application.	Repeat on weekly basis.
Sugar beets	2 qts. per acre per application.	First application when plants are 6 to 8 inches across. Repeat very 10-14 days.
Tomatoes, peppers	2 to 3 qts. per acre per application.	Apply on a weekly basis beginning pre-bloom. To alleviate calcium deficiency that may lead to blossom-end rot on tomatoes, apply 3 qts. per acre
Vegetable and flowered seed crops	2 qts. per acre per application.	First application at bud to early-bloom stage, repeat applications at intervals of 7 to 10 days.
Wheat, barley, rice and other small grains	2 qts. per acre per application.	First application when plants are 2" - 4" in height. Only need to make one application.

**BENEFITS**

- Reduces or eliminates many disorders due to calcium deficiency.
- Enhances stress tolerance.
- Promotes a longer storage and shelf life.
- Easy foliar application.
- Improves harvest quality.
- Regular application of **Nutri-Cal**® throughout the growing season provides available calcium for better organoleptic properties.
- It causes rapid response in crops.
- Non-Toxic and non-corrosive.

**USE**

For effective coverage of the crop, dilute with enough water to apply foliar. To prepare the solution of spraying with water shake container, unscrew the cap and remove the safety seal; measure the amount to apply in test tube or graduated container and pour in bucket for premixing, dilute fully and finally pour into the spray tank containing half of the volume of water, shake and complete the total spray volume.

**SPECIFICATIONS**

ACTIVE INGREDIENT	%w/w
Total nitrogen (N) (Nitrate Nitrogen)	6.0
Calcium (Ca)	8.0
Polyhydroxycarboxylic acids from plant extracts	5.4