



## WHAT DOES IT DO?

It prevents and corrects nutritional disorders caused by calcium deficiency.

## HOW DOES IT WORK?

The **organic** acids in 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.

## CHARACTERISTICS

PHYSICAL PROPERTIES			
pH: 6.0 – 7.0 at 20 °C		Physical state: Liquid	Color: Brown
Density: 1.32 – 1.34 g/cm <sup>3</sup> at 20 °C		Corrosivity: Non-corrosive. Flammable: Non-flammable.	
GENERAL PROPERTIES			
<b>Storage:</b> Keep closed in a well-ventilated and dry place.	<b>Environmentalism:</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	9 L/ha	For hay, apply at 2 to 4 inches of new growth and after each cutting.
Almonds	5- 9 L	Apply pre - and /or post-bloom and repeat at intervals of 7 to 10 days.
Apples, Pears	5 L/ha	Apply pre- and/or post bloom and repeat at intervals of 10 to 14 days.
Apricots, Prunes, Plums, Nectarines, Peaches, Cherries	5 L/ha	Apply pre- and/or post-bloom and repeat at intervals of 7 to 10 days.
Artichoke	5 L/ha	Apply when flowers are in bud stage, repeat every 7 to 10 days.
Asparagus	5 L/ha	Apply just after start of new fern growth, repeat every 7 to 10 days.
Avocados	5 L/ha	Flush wet foliage
Beans, Soybeans, Peas, Lentils	5 L/ha	First application at bud to early bloom stage, repeat every 2 weeks.
Blueberries, Raspberries	5 L/ha	Pre-bloom, repeat at intervals of 7 to 10 days.
Carrots, Beets, Sweet Potatoes and other vegetable root crops	5 L/ha	When plants are 3 to 4 weeks old, repeat at intervals of 7 to 10 days.
Citrus (all varieties)	7-9 L/ha	First application pre- to post-bloom with later applications over new growth flushes.
Corn (sweet and field)	7-9 L/ha	
Cotton	5 -7 L/ha	At regular intervals during growing season.
Cranberries	7 - 9 L/ha	First application at hook stage, second application just after fruit set, then repeat applications every 10-14 days.
Figs	5 L/ha	
Flowers & ornamentals	Mix 59 ml/4 L water	Apply once a month. In potting soil, add 5 mL (1 teaspoon) to soil every 2 weeks.
Grapes	5 L/ha	First application when new shoots are in the 4 to 8 leaf stage. Repeat Applications every 10-14 days
Hops	5 L/ha	In cover sprays.
Lettuce, Celery, Cole Crops and Leafy Vegetables	5 -7 L/ha	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	5 -7 L/ha	Make applications at intervals of 7 to 10 days starting just prior to bloom up to harvest.
Mint	5 L/ha	

## 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.

For direct application on soil, pour the measured amount in the fertilizer tank and apply with irrigation water.

## SPECIFICATIONS

ACTIVE INGREDIENT	% w/w
TOTAL NITROGEN	6.0
6.0% Nitrate Nitrogen	
Calcium (Ca)	8.0
Polyhydroxycarboxylic Acids from Plant Extracts	5.4