



## NUTRIENTS SUPPLIED (pounds per gallon):

Calcium (Ca) .....0.58

**Derived from:** Calcium Acetate

## PRODUCT PROPERTIES:

**Analysis:** .....0-0-0-6Ca

**Weight:** .....9.6 lbs. per gallon

**Specific gravity:** .....1.14 –1.17 kg/L

**pH:** .....5.0 –6.0

**Appearance:** .....Clear to slight tan

**Odor:** .....Mild odor

## GENERAL PRODUCT INFORMATION:

**NACHURS® Microzone Ca** is a new and improved calcium fertilizer product intended to correct or prevent calcium deficiencies with a wide range of uses (in-furrow, foliar, sidedress, fertigated) across all cropping environments. It combines plant available calcium with the additional benefits of acetate-carbon to aid in crop growth and development, cell strength and integrity, defense response, enzyme activation, and stress mitigation.

**NACHURS Microzone Ca** is not caustic or corrosive and is free of chlorides and sulfates resulting in safer soil, foliar, and/or fertigation applications where calcium is required. It can be applied alone, with most pesticides, with other chelated micronutrients, or with nitrogen solutions. If unfamiliar with its use, perform a jar test by mixing in the same ratio as to be field applied.

**CAUTION:** Avoid mixing with straight potassium acetate, high boron products, or phosphate-containing fertilizers.

**FIRST AID:** Please see SDS sheet for more information, call (800) 622-4877 or visit us online at [www.nachurs.com](http://www.nachurs.com).

**WARNING: DO NOT STORE BELOW 32 DEGREES.**

## KEEP OUT OF REACH OF CHILDREN.

\*These are general product recommendations. Please consult with your authorized NACHURS distributor or agronomist for specific fertility recommendations. These recommendations are believed to be reliable and should be followed carefully. Failure to follow label directions or improper application practices, all of which are out of control of the manufacturer or seller, can result in plant or leaf damage. Crop injury may result from unusual weather conditions, failure to follow label directions, or improper application practices all of which are out of control of NACHURS.

SELLER WARRANTS THAT THE ABOVE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE (INCLUDING NORMAL WEATHER CONDITIONS). NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT WHEN USED CONTRARY TO THE LABEL INSTRUCTIONS OR UNDER ABNORMAL CONDITIONS (INCLUDING ABNORMAL WEATHER CONDITIONS), AND THE BUYER ASSUMES THE RISK OF ANY SUCH USE. NACHURS STARTER OR FOLIAR APPLICATIONS ARE INTENDED TO SUPPLEMENT EXISTING SOIL FERTILITY PROGRAMS AND WILL NOT BY ITSELF PROVIDE ALL THE NUTRIENTS NORMALLY REQUIRED BY AGRICULTURAL CROPS.

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# NACHURS Microzone® Ca

## Premium Liquid Micronutrient

### PRODUCT RECOMMENDATIONS:

**CALCIUM:** A high testing soil and/or base saturation calcium level does not necessarily mean it is available to fulfill the plants need. The addition of calcium to your fertility program provides the following:

- Plant defense response
- Cell wall strength and structure
- Enzyme activation
- Nitrate uptake and metabolism
- Greater fruit quality (blossom end rot, bitter pit, etc.)
- Translocation of nutrients, metabolites, and sugars
- Elevated protein and starch levels within the plant

**ACETATE:** Acetate-carbon is the basic carbon building block found in nature. When plant or soil applied it offers many functions such as:

- Increased photosynthetic capacity
- Improved cell integrity
- Elevated production of oxidative compounds
- Greater nitrogen utilization
- Enhanced stress mitigation

### APPLICATION INSTRUCTIONS:

Suggested crops and rates but not limited to the below. Always use soil and/or tissue tests and crop observations to determine final rates.

Almond, macadamia, pistachio, walnut, and other deciduous trees	1-4 quarts foliar at bud break. Repeat every 2-3 weeks as required.
Apple, cherry, peach, other stone and pome fruit	1-4 quarts foliar at bud break. Repeat every 2-3 weeks as required.
Barley, oats, wheat, rice, and small grains	1-4 quarts foliar at tillering through early boot.
Beans, peas, and other legumes	1-3 quarts foliar at early bud. Repeat after bloom as required.
Blueberry, blackberry, raspberry, strawberry	1-4 quarts pre-bloom. Repeat every 2-4 weeks as required.
Cabbage, broccoli, carrot, onion, tomato, other vegetable	1-4 quarts foliar when 4-8" tall. Repeat every 2-3 weeks as required.
Corn (field, sweet)	1-2 quarts foliar from V6-V10. Repeat until R3 as required.
Cotton	1-3 quarts foliar from early square to mid-bloom.
Cucurbit (cucumber, melon, squash, etc.)	1-3 quarts foliar when 4-8" tall. Repeat every 2-3 weeks as required.
Grape	1-4 quarts foliar at dormant, pre-flowering, and post-flowering as required.
Grass grown for seed	1-4 quarts foliar at tillering through early boot.
Lettuce, celery, spinach, and other leafy vegetables	1-4 quarts foliar after transplanting or thinning. Repeat as required.
Potato	1-4 quarts foliar at tuber initiation. Repeat every 2 weeks as required.

### SOIL APPLIED:

At-planting: Apply 1-2 quarts in-furrow or planter banded for early season calcium demand.

In-season: Apply 1-4 quarts at sidedress, layby, hilling, etc. for mid-season calcium demand.

### TRANSPLANT AND SEED BED:

Apply 1-4 quarts per 100 gallons water during transplanting or seed bed preparation.

### FERTIGATION:

Apply 1-4 quarts via drip, sprinkler, pivot, or furrow irrigation as required.

### MIXING INSTRUCTIONS:

1. Put 1/3 of water or fertilizer in tank
2. Add other chemicals (if applicable)
3. Fill tank with balance of water or fertilizer
4. Add correct amount of product  
(shake each container vigorously before use)
5. Agitate adequately to mix

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