



TETRA Technologies, Inc.

N-CAL<sup>®</sup> 212

**GENERAL INFORMATION:**

N-CAL<sup>®</sup> 212 is a liquid formulation of calcium chloride and nitrogen for foliar or soil application to provide an immediate source of calcium nutrition for many different crops. It may be injected into irrigation water or applied as an undiluted spray to the soil followed by irrigation or rain. Apply N-CAL<sup>®</sup> with non-corrosive spray equipment containing parts made of stainless steel, p.v.c., plastic or fiberglass.

**RECOMMENDED APPLICATION RATES**

**FOR DRIP IRRIGATION:**

Apply up to 10 Gallons N-CAL 212 per acre-inch up to a maximum of 120 gallons per acre-foot of applied irrigation water per year.

**FOR SOIL AMENDMENT:**

Apply 25 gallons per acre N-CAL 212 for every ton of gypsum required, up to a maximum of 120 gallons per acre per year.

**FOR PEANUTS :**

Apply 10 gallons per acre N-Cal 212 in 14 to 16 inch band before peanuts emerge.

or

Apply 20 gallons per acre N-Cal in the irrigation water minimum of ¼ inch of water per acre at first bloom.

**WARNING:**

Harmful if swallowed.

Avoid breathing spray mist.

May cause irritation of nose, throat, and/or skin.

Avoid contact with eyes, skin and clothing.

If there is skin contact: immediately flush with water.

If swallowed: If victim is conscious, have victim drink water or milk. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

If in eyes: Wash eyes thoroughly with plenty of clear water for at least 15 minutes. Seek medical attention immediately.

**Net weight: Bulk**

Wt. Per Gallon = 11.2 lbs.

**2-0-0  
with 12% Ca**

**GUARANTEED ANALYSIS**

Total Nitrogen (N).....2%

2% Urea Nitrogen

Calcium (Ca).....12%

Derived from Urea and Calcium Chloride

Chlorine (Cl) maximum.....26%

**CAUTION**

Keep Out of Reach of Children

**CONDITIONS OF SALE:**

- Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with direction under normal conditions of use. No one, other than an officer of Seller is authorized to make any warranty, guarantee or direction concerning this product.
- Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price.

**Contact Sales & Tech. Support  
for specific recommendations**

**(F1480)**

**Guaranteed by:**

**TETRA Technologies, Inc.**

25025 I-45 North, The Woodlands, TX 77380

Phone:

(281) 367-1983

**DIRECTIONS FOR USE:** For spray applications, fill spray tank 1/3 to 1/2 full and add the recommended amount of N-CAL<sup>®</sup> to the partly filled spray tank. Add pesticides and continue filling spray tank.

N-CAL<sup>®</sup> 212 can be mixed with urea, nitrogen solutions (UN-32, AN-20, or aqua ammonia) or muriate of potash (KCL). N-CAL IS NOT compatible with fertilizers containing **PHOSPHATE or SULFATE** due to the formation of insoluble particles. N-CAL is compatible with many pesticides and may be used as a carrier for applications.

**COMPATIBILITY:** Determine compatibility with pesticides or fertilizer by use of a jar-test before mixing.

**FOLIAR SPRAY RECOMMENDATIONS FOR ROW CROPS:**

**Group 1:** Cotton, soybeans, dry beans, tomatoes, melons, cucumbers, peanuts, and peppers. Apply 1 to 4 quarts per acre N-CAL<sup>®</sup> 212 beginning at rapid growth state or the 10 – 12 true leaf stage or when the first fruit, boll, or pod begins to form. Apply on a 7 – 14 day spray interval in minimum of 15 gallons of water. Spray schedule may be discontinued when last fruit, boll or pod is set. For best results, apply in early morning when air is still and humidity is high.

**Group 2:** Celery, cauliflower, carrots, beets, cole crops, onions, potatoes, sweet potatoes, greens, broccoli, lettuce. Begin application when crops begin "rapid growth" stage or when storage tissue (bulb, stolon, or tuber) bulking development begins.

Apply 2-4 quarts per acre in enough water to wet foliage thoroughly not less than 15 gallon per acre. Repeat at 7-10 day intervals. Discontinue treatment when rapid growth ceases or storage tissue development is complete.

Do not use foliar while temperatures exceed 90°F or when plants are under stress conditions.