

## Easy to Handle and Apply

**Nutra-Flo Cal•10** is a clear, true solution with no solids suspended in liquid. **Cal•10** is 100% soluble in water or liquid 28% or 32% nitrogen and is compatible with most herbicides, fungicides and insecticides.

Do not mix **Cal•10** with fertilizers or products that contain phosphorus or potassium as an insoluble precipitate will result. Always conduct a compatibility test before adding **Cal•10** to any tank mix.

**Nutra-Flo Cal•10** is not intended to modify soil pH or be a substitute for lime.

### Soil Application

- Apply at a rate of 3 to 5 gallons per acre
- Apply with a nitrogen source such as liquid urea ammonium nitrate solutions, or place in close proximity to the nitrogen application
- Apply preplant
- Band over the row or along side the row at planting time
- Include with nitrogen when sidedressing
- Apply anytime to perennial legumes
- Apply at green-up with nitrogen on grass pastures

### Foliar Application

- Apply at a rate of 1 to 2 gallons per acre
- Foliar spray early in the growing season on annual crops
- Foliar after each cutting of alfalfa
- Use 10 to 20 gallons of water per acre as a carrier

PRSR STD  
U.S. POSTAGE PAID  
SIOUX CITY IA  
PERMIT NO 482

### Nutra-Flo® Cal•10 10% Liquid Calcium

**Description:** A clear, true solution with no solids suspended in liquid.

**Properties:** Cal•10 consists of calcium and an organic carrier in a complexed form.

pH.....	6.3
Specific gravity.....	1.33 g/ml at 20° C
Weight per gallon.....	11.06 lbs
% Nitrogen (N).....	0.0
(0.0% ammonium nitrogen)	
% Phosphorus (P <sub>2</sub> O <sub>5</sub> ).....	0.0
% Potassium (K <sub>2</sub> O).....	0.0
% Calcium (Ca).....	10.0

Manufactured only by

**Nutra-Flo® Company**

Sioux City, Iowa 51106

Ph: 800-831-4815 • [www.PureGrade.com](http://www.PureGrade.com)

Copyright© 2010 Nutra-Flo® Company. All rights reserved.  
GoldStar® and PureGrade™ are registered trademarks of Nutra-Flo® Company

**Nutra-Flo**

**Nutra-Flo® Company**  
1919 Grand Avenue  
Sioux City, Iowa 51106-5708

Nutra-Flo®  
**Pure Grade**  
Liquid Plant Food

# CAL•10

## 10% Liquid Calcium

100% Water  
Soluble Calcium  
for All Crops



**Nutra-Flo Company**

PH: 800-831-4815

[www.PureGrade.com](http://www.PureGrade.com)

# Cal•10 Improves Crop & Soil Conditions



When your crops need calcium right now, use **Nutra-Flo Cal•10 10% Liquid Calcium**. **Cal•10** is a 100% water-soluble calcium that can be combined with other fertilizer and chemical applications to provide hungry plants with an immediate supply of calcium. **Cal•10** also improves soil conditions and enhances the uptake of ammonium nitrogen.

## Agronomic Benefits of Cal•10

- The calcium in Nutra-Flo Cal•10 is 100% soluble and is immediately available to young plants
- Equal analysis in every drop
- Pure, clean liquid with no heavy metals or salts that can contaminate soils or interfere with nutrient utilization.
- Stabilizes nitrogen in the soil, slowing nitrogen loss
- Significantly enhances nitrogen efficiency and uptake by the plant
- Contains no nitrates
- Non-corrosive
- Can be soil or foliar applied and is compatible with most herbicides, insecticides and fungicides.

# CAL•10

Nutra-Flo Cal•10 is a value-added product that requires little effort, time or expense to apply.

## Cal•10 Improves Soil Structure

- Improves tilth, friability and aggregation
- Increases nutrient holding capacity
- Improves water-holding capacity and infiltration
- Increases soil aeration
- Necessary for nitrogen fixation by Rhizobium bacteria in legume crops
- Source of nutrition for aerobic microbes
- Helps change physical structure of soils so microbes get essential oxygen.



## Apply Cal•10 Anytime You Fertilize

## How does Cal•10 improve nitrogen uptake?

The uptake of the ammonium form of nitrogen is enhanced by the presence of calcium. This is called the Viets Effect. Ammonium N is more easily metabolized by young plants compared to other forms of nitrogen.

## Does adding calcium help soils testing high in calcium?

Yes. Calcium is tied up in cold spring soils and is very important for young, growing plants. Calcium is important for healthy soils and bountiful crops.

University testing shows added soluble calcium improves crop and soil conditions.

**Texas A & M University** - Data indicates that a significant increase in growth of plant roots occurs when calcium is added to a growth medium containing nitrogen. The results show a response by all plants tested.

**Rutgers University** - By applying calcium to the soil it releases nitrogen, phosphorus and some micronutrients from organic matter

**North Carolina State University** - Calcium is normally limited in soil solution. Any added soluble calcium should be advantageous.