



# FLO-CAL 1

7-0-0  
9.5 Ca

**A PRODUCT FORMULATED FOR USE IN IRRIGATION WATER MODIFICATION**

**GUARANTEED ANALYSIS**

Total Nitrogen (N) .....	7.00%
7.00% Nitrate Nitrogen .....	
Calcium (Ca).....	9.50%

Derived from: Calcium Nitrate

Principle functioning agent- Natural acid salts derived from citric sources.....6.00%

**KEEP OUT OF REACH OF CHILDREN**



## WARNING

Harmful if swallowed. Causes serious eye irritation. Harmful in contact with skin. Harmful if inhaled.  
Avoid prolonged or repeated skin contact. Wash hands thoroughly after handling this product.

**F1548  
FOR AGRICULTURAL OR COMMERCIAL USE ONLY**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Causes moderate eye irritation. Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Remove contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.  
Personal Protective Equipment: Wear long-sleeved shirt and long pants, socks, shoes and gloves.

**GENERAL INFORMATION**

FLO-Cal 1 is a low pH liquid formulation designed to modify irrigation water with the added benefit of nitrogen and calcium nutritionals. FLO-Cal 1 will lower water pH and suppress the formation of scale and algae in irrigation equipment. FLO-CAL 1 should not be mixed with Fertilizer Products or Crop Protection Chemicals as adverse reactions will result.

**DIRECTIONS FOR USE**

Effective Treatments of FLO-CAL 1 are dependent on knowledge of water quality. Water analysis is useful in determining mineral content, pH, and degree of alkalinity.

Application rates of FLO-CAL 1 will vary as irrigation water sources and seasons vary. Start by applying 1 to 5 gallons per acre of FLO-CAL 1 in irrigation water. Check pH of irrigation water before and during application. Use pH strips or a hand-held pH meter in order to make note of change. Anticipated results from usage of FLO-CAL 1 will vary with frequency of use.

Do not allow the final irrigation water pH to drop below 6.0. Effective results may be obtained over a range of pH values and is dependent on overall irrigation water quality.

FLO-CAL 1 may be applied in irrigation water by conventional means; drip tube and tape, sprinkler, siphon, and center pivot. In addition FLO-CAL 1 may be added to water and applied to soil by means of a shank/knife or by direct or broadcast spray equipment.

Always consult your crop advisor for additional recommendations regarding rates and use.

**FIRST AID**

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If on Skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If Swallowed:** Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.**

**STORAGE AND DISPOSAL**

**STORAGE:** Store away from incompatible materials. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Do not contaminate water, food, or feed by storage or disposal.

**DISPOSAL:** Do not reuse container. Plastic: Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

**HANDLING:** Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lpi.com>

**GUARANTEED BY: LOVELAND PRODUCTS, INC.® • PO BOX 1286 • GREELEY CO 80632-1286**



**Bulk Density: 11.86 lbs/gallon @ 68°F**  
**Net Contents: 250 gallons (946 liters)**  
**Net Weight: 2,962.50 lbs (1,343.77 kg)**  
product code: 1000699675



**Bulk Density: 11.86 lbs/gallon @ 68°F**  
**Net Contents: 5 gallons (18.93 liters)**  
**Net Weight: 59.25 lbs (24.04 kg)**  
product code: 1000699676



**Bulk Density: 11.86 lbs/gallon @ 68°F**  
**Net Contents:           gallons (           liters)**  
**Net Weight:           lbs (           kg)**  
product code:1000699671