Non-Plant Food Ingredients

Proprietary blend of short chain carbon quaternary of organic carboxylic acid, organic amine, soil penetrants and re-wetting technology ............................................................ 87.0%
Inert Ingredients ............................................................................. 13.0%

PRECAUTIONARY STATEMENTS

Do not ingest. Avoid contact with skin, eyes, or clothing. Avoid breathing dust, vapor or mist.
In all cases, call a poison control center or doctor for further treatment advice.

IF SWALLOWED, call a poison control center or doctor immediately. Drink large quantities of water. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. IF ON SKIN, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. IF INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. IF IN EYES, hold eye open and rinse slowly and gently with water or eye wash solution for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
Protective coveralls are not required when handling FreeCAL, although, eye protection and gloves are recommended.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Store at room temperature. Keep containers tightly closed when not in use and protect containers from damage. Dispose at sanitary landfill or other licensed waste disposal site. Always follow state and federal disposal laws.
In case of spill, confine with any absorbent material. The product can be neutralized with lime before disposing of to the drain if permissible. Then flush area with copious amounts of water. Dispose of absorbent materials according to state and federal law.

Manufactured for: Wilbur-Ellis Company
P.O. BOX 16458 • FRESNO, CA 93755

NET CONTENTS: 2.5 GALLONS (9.46 LITERS)
GENERAL INFORMATION

**FreeCAL** is designed to remedy soils that are high in salts and bicarbonates and/or are irrigated with marginal water. These soil conditions generally result in poor water infiltration, low nutrient availability and poor turf vigor which prevent turf from responding adequately, resulting in increased fertilizer demand.

Applying **FreeCAL** as part of an overall salts management program reduces bonds of calcium carbonates and calcium phosphates so that free CALCIUM (Ca++) displaces Sodium (Na+) and other salts on soil exchange sites. **FreeCAL** dissociates chemical bonds and frees CALCIUM in water and soils under hydration in order to “flush” soils for removing any build-up of salts and to re-charge gravitational and capillary water in most soil types.

Water infiltration in most soils will improve and solubility of minerals and nutrients will increase. Increased CALCIUM availability will also buffer soil pH. Soil Nutrient Base Saturation ratios will become more balanced and anions such as sulfates, will stabilize.

**FreeCAL** is a soil amendment and it does not contain any plant nutrients nor are there any phytotoxic effects on plants.

**DIRECTIONS FOR USE AND RECOMMENDED APPLICATION RATES FOR TURF**

**Sprayable:** All conventional spray equipment can be used to apply **FreeCAL** over the top of turf.

**Curative:** Correcting salt impacted soils: 43-64 ounces/acre or 1 - 1.5 oz. per 1000 sq. ft. in 2-4 gallons of water in 2-4 consecutive weekly treatments. **FreeCAL** may be tank mixed. Refer to all tank mixed product labels for proper application. Jar test for compatibility is recommended.

**Maintenance:** 24-36 ounces/acre or 0.5 - 0.75 oz. per 1000 sq. ft. weekly in 2-4 gallons of water following curative applications. If bi-monthly applications are utilized instead of weekly, multiply rate by a factor of 2.2.

**Injectable Irrigation Treatment:** **FreeCAL** can be used in all standard injection equipment used by turf managers.

### FreeCAL Rates

<table>
<thead>
<tr>
<th></th>
<th>Gallons per acre per month</th>
<th>Fertigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance</td>
<td>1 Gallon/Acre</td>
<td>1 Gallon/Acre</td>
</tr>
<tr>
<td>Curative rate</td>
<td>1.25 Gallons/Acre</td>
<td>1.25 Gallons/Acre</td>
</tr>
<tr>
<td>Initial rate</td>
<td>1.25 Gallons/Acre</td>
<td>1.25 Gallons/Acre</td>
</tr>
<tr>
<td>Season ending rate</td>
<td>1.25 Gallons/Acre</td>
<td>1.25 Gallons/Acre</td>
</tr>
<tr>
<td>Heavy calcareous soils and salt affected sites</td>
<td>1.5 Gallons/Acre</td>
<td>1.5 Gallons/Acre</td>
</tr>
</tbody>
</table>

**FERTIGATION WITH FERTILIZERS**

Add **FreeCAL** to liquid fertilizer bulk tank at a rate based on tank size:

- 500 Gal. tank add 45 to 55 gallons for bimonthly supply
- 1000 Gal. tank add 90-110 gallons for month’s supply

*Use high rate for high salt impacted areas. Always test compatibility with a jar test.*