Calcium - The Absolutely Essential Nutrient

Surecrop Plen-T Calcium is a clear, liquid calcium with nitrogen solution uniquely formulated with a bio stimulant carbon for better plant receptivity. It is available to plants immediately after application.

Surecrop Plen-T Calcium does not have ammonium, heavy metals, extraneous salts or suspended particles. It is non corrosive and has no chlorides.

Surecrop Plen-T Calcium provides localized pH corrections at the right conditions, can set off a chain reaction in the soil that continues to release unavailable soil calcium for an extended period of time and enhances soil microbial activity.

Surecrop Plen-T Calcium is flexible and adaptable for soil or foliar application. It is compatible with most herbicides, insecticides and fungicides.

**Calcium - The Absolutely Essential Nutrient**

**SURE CROP Plen-T Calcium**

Pure, Clear, Totally Soluble Liquid Calcium

Unique formulation makes it readily available for plants to take in immediately

Freezing Temperature: 20°F

Weight Per Gallon: 11.80 pounds

**WARNING:** Keep out of reach of children. Dispose of container in accordance with local, state, & federal regulations.

**MINIMUM GUARANTEED ANALYSIS**

<table>
<thead>
<tr>
<th>Nutrient</th>
<th>Min. Guaranteed Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium (Ca)</td>
<td>10.00%</td>
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<tr>
<td>Nitrate Nitrogen (No₃)</td>
<td>8.00%</td>
</tr>
</tbody>
</table>

**SURE CROP Plen-T Calcium**

**What is Surecrop Plen-T Calcium?**

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**Liquid Crop Nutrition, Seneca, KS 66538 1-800-635-4743 surecropfertilizers.com**
Soils, within the optimum pH range, do not always have sufficient calcium on an “available nutrient basis” to grow good crops. When pure sand is analyzed, it has a neutral pH, but no available calcium. Soils can be at an optimum pH range and still need calcium. Soil pH is affected by factors other than calcium...

- The time during the year (season) when soil samples are taken affects pH. pH can vary from 6.5 in early spring to less than 5.0 two months later.
- Wet soils, sometimes will have a higher pH than drier soils. When wet soil dries out, pH falls considerably, meaning the soil is more acidic.
- Soil organisms and plant roots exhale carbon dioxide, which reacts with water in the soil and forms a weak carbonic acid, thus lowering pH. Plus, soil microbes also release organic acids.
- Nitrogen fertilizers, anhydrous ammonia, ammonium sulfate and livestock manures can cause soils to be more acidic and at a lower pH.

**Crops use SURE CROP Plen-T Calcium to...**

- Grow more vigorous, healthy young plants when early spring soils are cold and damp.
- Build thicker, stronger cellular structure, absorb more sunlight and increase production of C6H12O6.
- Enhance plant energy for higher percent of seed set and held.
- Maintain cooler plant temperatures in summer heat stress, produce more grain.
- Free tied up calcium and nutrients in the soil for crop uptake.
- Stabilize nitrogen and maximize crop nitrogen uptake.
- Helps keep soils flocculated for greater water and air infiltrations.
- Decrease disease and deter insect pests.
- Maintain a balance with other essential nutrients in the soil, reduce compaction.
- Energize soil microbial populations and increase microbial activity.
- Detoxify soils, help neutralize soil salinity, digest crop residues after harvest.