

# Soil Stimulator®

## “Root & Soil Stimulator”

**SOIL STIMULATOR®** is “5 Products in one”

- Calcium Enriched
- Soil Conditioner, used as an aid to improve soil structure.
- Liquid Compost, which will stimulate micro-flora and make nutrients more available.
- Starter Fertilizer, fortified with nitrogen and calcium.
- Alleviates calcium deficiencies such as blossom end rot in tomatoes, bitter pit in apples etc.

SOIL STIMULATOR® is a Soil and Root Stimulator!!! It is used as an aid to improve soil texture, increase water penetration, increase cell wall structure, improve nutrient uptake, stimulate micro-flora and improve alkaline (high pH) and saline soils.

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	9.0%
3.0% Urea Nitrogen	
1.0% Ammoniacal Nitrogen	
5.0% Nitrate Nitrogen	
Calcium (Ca) .....	4.5%
4.5% water soluble calcium (Ca)	

### Benefits of SOIL STIMULATOR®

- Contains naturally occurring plant extracts and liquid fermentation products containing enzyme precursors, microbial metabolites, natural plant hormones, organic acids, carbohydrates, glycosides and enzyme stimulants.
- Enhances microbial activity.
- Contains natural plant extracts that aid in penetration of water into the soil, resulting in greater oxidation and healthy microbial activity.
- A food source for micro-organism fostering their growth in the soil. This enhances the release of nutrients from the soil in useful forms for plant growth and development.
- Contains readily available calcium for plant uptake. The Nitrogen and calcium stimulate plant growth and calcium is available to replace sodium on the soil micelle (the soil component that absorbs nutrients). Together with increased oxidation and penetration it results in improved soil texture and improvement of alkaline and salinity conditions.
- Contains natural components such as saponin to aid in soil penetration.
- Helps reduce salts in the soil.
- Essential for early root growth and new root growth.

## Application Rates

**ADD WATER FIRST TO TANK OR SPRAYER BEFORE ADDING PRODUCT!**

**AERIAL APPLICATIONS:** Use at least 20 parts water to 1 part of BAICOR® fertilizer. Add at least 20 parts water before introducing product.

**FOLIAR APPLICATIONS:** Use at least 100 parts water to 1 part BAICOR® fertilizer. Add at least 50 parts of water before introducing product.

**FRUIT, NUT & VINE CROPS:** Including (but not limited to) almonds, hazelnuts, grapes, pecans and walnuts. Apply 2 - 4 quarts per acre. **NOTE:** Before applying to pome or stone fruit, consult your qualified and licensed consultant for recommendations.

**FIELD AND VEGETABLE CROPS:** Apply 2 - 4 quarts per acre.

**GRAIN CROPS:** Apply 2 - 4 quarts per acre at 3-4 leaf stage.

**TURF GRASSES:** Apply 1 - 4 quarts per acre.

**SPRINKLER IRRIGATION:** Apply 2 - 4 quarts per acre with irrigation water. Use check valve to prevent back flow into water system

**SOIL APPLICATION RATES:** Use at least 20 parts water to 1 part BAICOR® fertilizer. Do not apply directly to seeds unless it has been determined/tested by the consultant or grower that it is not harmful or injurious to the seed.

Maintenance Concentration	0.5 qts/acre
Beginning Deficiency	1 qts/acre