



*SPROUT Organic Fertilizers*

**Liquid  
Microbial Soil Conditioner**

**SPROUT** Liquid Microbial Soil Conditioner (SSC) is made from sugar cane molasses and is 100% organic.

SSC is highly concentrated and must be diluted 1:1000 with water before applying.

#### USES

- composting
- soil preparation / conditioning
- seed treatment
- fungus inhibitor
- improving the efficiency of chemical fertilizers

#### COMPOSTING

Using SSC speeds up the decomposition process.

#### SOIL CONDITIONING

SSC is formulated to improve soil structure and fertility by adding beneficial micro-organisms (bacteria and fungi) to the soil which through natural activity :

- transform naturally occurring nutrients in the soil into plant usable form.
- break down residual deposits left by chemical fertilizers into plant usable form.
- decompose organic matter and extract nutrients in plant usable form.
- break the life-cycle of harmful pests in the soil leading to eradication.
- fix atmospheric nitrogen.

SSC is very economical with an application rate of 200 ml/acre and 500 ml/ha.

SSC also works on weak soils when adding organic matter and/or compost and increasing the dosage.

#### SEED TREATMENT

By mixing seeds with SSC or soaking seeds in a diluted solution of SSC and SNS, a higher rate of sprouting is ensured.

#### FUNGUS INHIBITOR

Applying a diluted solution of SSC and SNS protects against the onset of fungi and has the added benefit of simultaneously delivering a soil conditioning boost through the drops that fall to the ground.

#### BIO-CHEMICAL APPLICATION

SSC improves the efficiency of chemical fertilizers like Urea & NPK when mixing 250 to 333 ml of SSC per 50 kg of Urea or NPK. The amount of chemical fertilizer may be reduced to 50% as much as is normally used without SSC.

Apart from yield increases, and cost savings, soil condition should no longer deteriorate but may in fact improve.



#### ORGANIC APPLICATION

To grow totally organic produce, use SSC and SNS with no chemical herbicides or pesticides.

After 3 years of organic application, the soil should be free of chemical fertilizer residue and produce could be considered

organically grown.

SSC is suitable for vegetables, fruits, grains, legumes, flowers, herbs, shrubs, trees, grasses etc.

SSC should be applied to the soil and not directly to plants.

For detailed instructions and recommendations for best yield results, consult the SPROUT Application Guidelines or online resources.

#### BENEFITS

- a greater availability of nutrients in the soil
- a reduction of harmful chemicals in the soil
- a reduction of harmful pests in the soil
- improved soil structure and aeration for improved water retention, root development and plant growth

#### INGREDIENTS

##### MICRO-ORGANISMS

- BENEFICIAL BACTERIA  
Achromobacter, Aerobacter, Bacillus, Clostridium, Nitrobacter, Nitrosomonas, Pseudomonas, Streptomyces
- BENEFICIAL FUNGI  
Aspergillus, Polyporus, Rhizopus

##### IMPURITIES

Contains no chemicals or heavy metals.

##### PACKAGING

Retail : 250 ml ; 1 litre.  
Bulk : 20 litre ; 200 litre.

SNS = SPROUT Biological  
Nutrient Supplement

**GROW ORGANIC - FERTILIZE WITH SPROUT**