

SOS

MICROBIAL CONSORTIUM



LIQUID MICROBIAL BIOSTIMULANT



DESCRIPTION

SOS is a microbial consortium based on beneficial bacteria which promotes vegetative and reproductive growth.



COMPOSITION

Active Ingredients:

<i>Pseudomonas fluorescens</i>	2.5×10^6	CFU/ml
<i>Pseudomonas aeruginosa</i>	2×10^6	CFU/ml
<i>Acinetobacter calcoaceticus</i>	1×10^6	CFU/ml
<i>Pseudomonas putida</i>	1.5×10^6	CFU/ml
<i>Enterobacter cloacae</i>	0.5×10^6	CFU/ml
<i>Bacillus subtilis</i>	2×10^6	CFU/ml
<i>Bacillus licheniformis</i>	1.5×10^6	CFU/ml
<i>Bacillus thuringiensis</i>	1×10^6	CFU/ml
<i>Saccharomyces cerevisiae</i>	0.5×10^6	CFU/ml

99.7% Inert Ingredients - Water

Total CFU per milliliter at the time of manufacture is 12.5×10^6



SPECIFICATIONS

SOS promotes nutrient uptake and enhances plant growth. It also helps maintain hormonal balance and increase nitrogen and phosphorus crops intake for farmers who want to improve blooming, fruit set, and growth and keep crops well-nourished, which helps to increase crops' yield and quality.



COMPATIBILITY

Before mixing, water or base optimal range is pH 5.0 - 8.0. Do not mix the product with biocides and/or bactericides. Do not mix with or expose the product to fertilizers within the same tank or container. Exposure to direct sunlight should be avoided. The mix should be applied within the same day of its preparation.



RECOMMENDATIONS

Botanical families	Crops	Dose (oz. / acre)	Directions for use
Rosaceae	Raspberry Strawberry Apple BlackBerry	14 - 21	It is recommended to apply once in short crops and annuals at the time of root growth peaks. Apply to increase the capacity of the roots to absorb water and take nutrients. Apply to increase tolerance to abiotic stresses such as drought, salinity and extreme temperatures.
Rutaceae	Lemon Orange		
Ericaceae	Blueberry		
Juglandaceae	Walnuts		
Lauraceae	Avocado		
Malvaceae	Cotton		
Vitaceae	Grape		
Fabaceae	Alfalfa Dry Bean		
Solanaceae	Potato Bell pepper Pepper Tomato		
Cucurbitaceae	Squash Melon Cucumber Watermelon		
Asteraceae	Lettuce		
Brassicaceae	Broccoli Cauliflower Cabbage		
Asparagaceae	Asparagus		
Liliaceae	Onion		
Poaceae	Sugarcane Corn Sorghum Wheat		
	Turf Ornamentals		



FORMULATION

Colorless liquid.



PRESENTATIONS

1 Gal • 2.5 Gal • 5 Gal • 55 Gal

CONTACT

12500 Network Boulevard, Suite 201
San Antonio, Texas 78249 •
Tel. (858)287-8093 •
info@liventia.net