

## **BioSignal™ *biologicals*** **Next Generation Agriculture Bio-Stimulants**

**BioSignal™ agricultural spray for field, forage and grain crops, horticulture, turf, orchards, vineyards, fruits and vegetables. Produced from all natural ingredients delivering next generation “wild” beneficial bacteria directly into the plant roots.**

**Confronted by abiotic and biotic stresses, the plant signals to the plant root bacteria changing the overall plant physiology so that it can better manage the stresses, growth, nutrient uptake and plant health.**

### **BioSignal™**

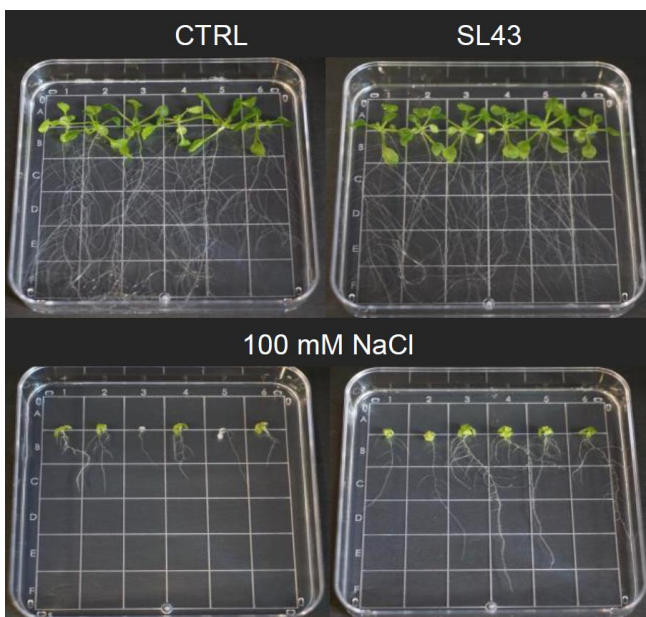
- Scientifically selected and patented undomesticated “wild” microbial strains.
- Contain a broad biodiversity of biologicals experienced by a wide range of environmental conditions, trained to confront stresses varying through the season.
- Exploits the genetic diversity of plant-beneficial microbes,
- Developed for low-input, low cost for the grower.
- Specialty signalling processes improves plant growth when faced with abiotic & biotic stresses of the type that will become more prevalent as climate change conditions continue to develop, a long term benefit.
- Has the capacity to help develop more climate change resilient crop production while improving yield systems and nutrient uptake.
- Products of 5 year R&D project at McGill Agriculture University & Agriculture Canada

## Benefits To the Grower

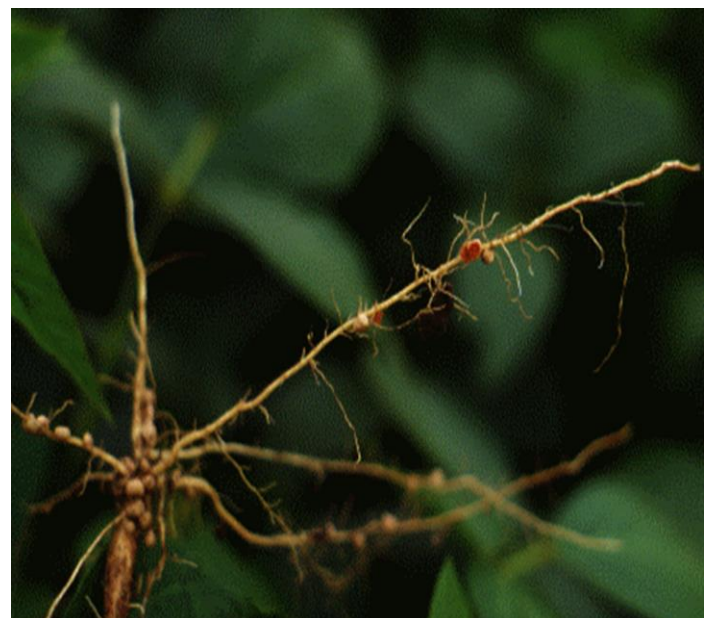
- 100% natural input material
- Better quality crops with improved yield
- Further reduction of biotic & abiotic stresses
- Nutrient rich foods
- Root stimulation, nutrient absorption & soil health
- Improves monoculture soils

## Application Information For the Grower

- Can be mixed with most other agriculture inputs
- Neutral pH
- Low dosage
- Low cost per acre/season
- Safe to spray at any time during the growing season



***LAB DATA: Increased plant growth and biomass production, under both stressed and unstressed conditions,***



***FIELD TRIALS: Soybean Plant Root Nodules w/Nitrogen-Fixing Bacteria***