

Rejuvenator 402

Inoculum for: Crop Trash / Stubble Recycling Plant Growth Promotion

Recycle - Rejuvenate - Sustain - Profit

24 different strains of free living microbes

Bacteria: Gram + and gram - strains with diverse appetites for root exudates, cell wall sloughing, decaying vegetation and plant growth promotion

Actinomycetes: Degrade organic polymers in the rhizosphere

Fungi: Degrade rhizosphere polymers and promote bacterial, and plant growth

Capabilities:

- ✚ Enhancement of the mineralization of decaying plant components
- ✚ Cellulose degraders recycle decaying vegetation into useful nutrients for microbes and plants while simultaneously enhancing the porosity of thatch and soil for water retention
- ✚ Healthy rhizosphere populations, may suppress diseases
- ✚ Beneficial microbes populate the seeds and roots generating a "healthful" zone around the growing roots through their metabolic activities
- ✚ Reduction of phosphate requirements through increased availability of mineral nutrients
- ✚ Products of the growth of the rhizosphere microbes help to release insoluble mineral nutrients from the surrounding soil, particularly phosphorus

Applications:

- ✚ Agricultural field stubble reduction of many crops
- ✚ Soil preparation for seed germination and transplanting to incorporate beneficial microbes
- ✚ Commercial amendment for general plant health, and may suppress diseases
- ✚ Commercial application for general health and reduced crop nutrient requirements
- ✚ Golf course greens, fairway and landscape amendment for healthy root systems and nutrient requirements
- ✚ Grass de-thatching through regular lawn maintenance
- ✚ Golf course greens de-thatching through regular greens maintenance