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Recycler Compost & Trash

Inoculum for COMPOSTING and Crop Residue or Trash Breakdown

Recycle - Rejuvenate – Sustain – Profit

Composition:

Twenty five different strains of free living microbes

Bacteria: **Gram + and gram - strains with diverse appetites, cell wall sloughing, decaying vegetation.**

Actinomycetes: **Degrade organic polymers in the rhizosphere.**

Fungi: **A variety of mycelial fungi from several genera that have been selected for their ability to degrade complex macromolecules such as cellulose, starch, protein, chitin, lignin pectin and many of their intermediates**

Capabilities:

- **Cellulose and related polymer degradation**
- **The degradation of cellulose allows the mineralization of decaying vegetation, thereby freeing components for other members of the microbial population as well as the plants**
- **Chitin and related polymer degradation**
- **The degradation of this recalcitrant molecule reduces waste volume and makes nutrients available for the microbial population and plants**
- **Degradation of lignin and many of its breakdown products**
- **The degradation of these compounds reduces decaying vegetation volume and frees nutrients for recycle to other members of the microbial population and plants**

Applications:

- **The reduction of WW solids & sludge in many insoluble polymer-rich manufacturing operations**
- **Commercial and home Composting**
- **Landfill green waste reduction operations**
- **Agricultural field stubble reduction of many crops**
- **Residential grass de-thatching**
- **Golf course greens de-thatching**