



## HOW MICROCHOP AND CROP RESIDUE CAN **KEEP YOUR SOIL WORKING FOR YOU!**

MicroChop is a unique formulation of specifically selected natural soil microbes, energizing biological support, and activated water that enhance residue digestion and improve overall soil health and biology.

**REDUCE DISEASE HOLDING RESIDUE, IMPROVE WATER HOLDING CAPACITY,  
ENHANCE NUTRIENT ABSORPTION, REPLENISH NATURAL COLONIES,  
BUILD ORGANIC MATTER**

Crop residues contain the majority of organic matter inputs in soils, and digestion of the residue can release bioenergy and increase growth of native beneficial bacteria. [1]

[1] Neill, Cathy  
Impacts of crop residue management on soil organic matter stocks: A modelling study,  
Ecological Modelling,  
Volume 222, Issue 15,  
2011, Pages 2751-2760,

# WHY MICROCHOP?

**MicroChop has a unique quality formulation that contains abundant counts of all natural, non-gmo microbes selected for lignin and cellulose break down.**

MircoChop includes the following selected biological strains:

Bacillus licheniformis, Bacillus subtilis, Cellulomonas cellasea, Fibrobacter succinogenes, Pseudomonas balearica, Rhizobium leguminosarum Rhodopseudomonas palustris, Ruminococcus flavefaciens, Yarrowia lipolytica

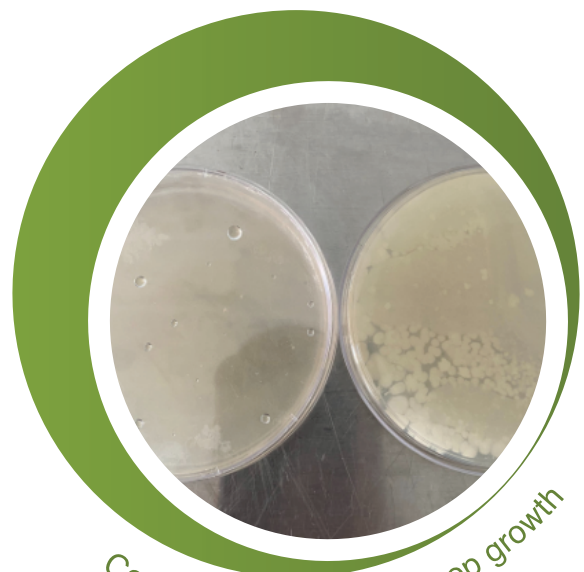
Added natural biological support agents promote growth and longevity during digestion. The microbes continue to be fed through a proprietary blend of natural sugars, acids, and enzymes to enhance viability during the fall and through the spring.

## **100% made in the USA**

MicroChop is also manufactured using activated water to improve total viability and increase absorption. Contains live microorganisms and works best above freezing temperature.



Control (left) vs. MicroChop digestion  
(center and right)



Control (left) vs. MicroChop growth  
(right) over 36 hours

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