



MAJOR BREAKDOWN

MICROBIAL INNOCULANTS	16%
Bacillus <i>licheniformis</i> 18187.....	4.0 x 10 ⁹ cfu/g
Bacillus <i>subtilis</i> 1538.....	3.0 x 10 ⁹ cfu/g
Bacillus <i>amyloliquefaciens</i> 1147.....	3.0 x 10 ⁹ cfu/g
Bacillus <i>subtilis</i> 1952.....	3.0 x 10 ⁹ cfu/g
Bacillus <i>megaterium</i> 18019.....	1.0 x 10 ⁹ cfu/g
Paenibacillus <i>polymxa</i> 106.....	1.0 x 10 ⁹ cfu/g
OTHER INGREDIENTS	84%
Microbial Nutrients–Carbohydrates	
TOTAL	100%

*Contains a combined minimum cfu (colony forming unit) of 1.5x10¹⁰ per gram

Major Breakdown is a targeted microbial blend built specifically to accelerate crop residue decomposition, featuring six specialized strains at 15 billion CFU per gram. Led by Bacillus licheniformis, a proven cellulose and lignin degrader, this formula works alongside key Bacillus and Paenibacillus strains to break down tough stalks and stubble while recycling locked-up nutrients back into the soil. Apply post-harvest or ahead of planting to speed up residue turnover and improve seedbed conditions. Major Breakdown puts the biology to work so last year's crop fuels the next one.

GENERAL INFORMATION: Sugar Creek Ag suggests growers conduct soil tests and amend the soil accordingly. This product should be applied as a supplement to your overall fertility program. We suggest conducting a jar test prior to mixing with other ingredients to establish compatibility. If the solution is left in the spray tank overnight, agitate thoroughly before spraying. To avoid crop damage due to high temperatures, it is suggested to apply early morning or early evening. Product should not be stored where freezing is possible. Product may settle in storage and should be agitated before use.

WARRANTY AND CONDITION OF SALE: Manufacturer warrants that this material conforms to the chemical description on the label, and this product is reasonably fit for use as directed. No other warranty is made, either expressed or implied. Buyer acknowledges and assumes all risk and liability resulting from handling, storage, and use of this material. Manufacturer shall not be liable for claims resulting from use of this product not in accordance with the general information, application directions, and warnings on the label.

KEEP OUT OF REACH OF CHILDREN. IT IS THE USERS RESPONSIBILITY TO DETERMINE CONDITIONS FOR THE USE OF THIS PRODUCT AND TO ASSUME LIABILITY FOR LOSS, INJURY, DAMAGE OR EXPENSE RESULTING IN IMPROPER USE. REFER TO PRODUCT SAFETY DATA SHEET FOR FURTHER SAFETY AND HEALTH INFORMATION.

MANUFACTURED FOR AND GUARANTEED BY:

Sugar Creek Ag

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**Veteran Owned and
Made in the USA**

2.1 OZ SCOOP ENCLOSED

DIRECTIONS FOR USE: (8 ounces = 1 cup)

Add the contents of this 3lb container to 275 gallons (50 ac-4.5oz-2 scoops, 80 ac-7oz-3.5 scoops, 100 ac-9oz-4.25 scoops) of Earthquake Liquid Humic, Sweet-N-Loam, or Shug Nitro (it is compatible with other Sugar Creek Ag products as well, ask your representative) and mix thoroughly with a chemical mixer. Major Breakdown accelerates the decomposition of crop residues including corn stalks, wheat straw, turf clippings and other plant materials Apply to residue immediately after mowing, harvest or during fall tillage. Application of mixed product can be made according to the instructions on the label of the product being mixed with. Foliar spray or drench the residue being treated utilizing the application rates of the product it is mixed with. Major Breakdown can be mixed and used with other agricultural chemicals, for which mixing is permitted by the product label. If such a mixture is planned, a compatibility test should be first conducted. Avoid mixing with quaternary compounds, Peroxyacetic Acid (PAA), or similar type broad spectrum biocides or fungicides. Once blended the finished product should be used as soon as possible.

This product contains no substance which, at their given concentration, are considered to be hazardous to health.

PRECAUTIONARY STATEMENTS – PREVENTION: As a precaution, wear chemical resistance gloves (PVC, neoprene or butyl). Safety glasses or chemical goggles are recommended.

PRECAUTIONARY STATEMENTS – RESPONSE: If swallowed: Rinse mouth and throat. Drink water to dilute. If on skin (or hair): Rinse skin with and non-abrasive soap. Remove contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

STORAGE AND HANDLING: Do not ingest internally. Avoid skin contact. Wear rubber gloves and eye protection when using this product. Wash hands thoroughly after handling.

FIRE: This product is non-combustible. No extinguishing media or special firefighting procedures are required. There are no unusual fire or explosion hazards.

DISPOSAL: Dispose of in licensed landfills or incinerate in accordance with local, state and federal regulations.

Net Weight: 3 Lbs