Streamline Ag
Seed-Driven Crop Inputs

1-888-874-0721
Please email info@streamline-ag.com for more information.

Residue Release

Moves Residue Out. Moves Nutrients In.

Residue Release is a differentiated bacteria consortium specifically designed to degrade and break down the carbon backbone molecules in crop residue. Accelerating this natural process increases available crop nutrients and improves crop emergence consistency. Auburn University found that Residue Release reduced corn stalk residue weights by 48% from fall to spring.

RECOMMENDED CROPS

Residue of corn, wheat, barley, soybeans, cotton, sod, canola, and other grain and legume crops.

FEATURES

- **Start releasing nutrients from residue** in less than 15 days. Release accelerates through, the next 60 days.
- **Reduced stalk residue strength.** Strength required to bend stalks in the spring is reduced by 10% versus previous harvest levels.
- **Release of Nitrogen** from the residue and NH4-N form, a stable form of N.

BENEFITS

- **Potential nutrient availability increase** of up to 30-40 lbs. of N and 5-10 lbs. of P per acre.
- **Corn Growth Stage improvement.** Corn emerging in Residue Release treated fields often exhibits a full growth stage advantage by V5.
- **Improve stand count from less down pressure required at planting.** More complete coulter cutting of residue and reduced energy is required to cut residue.

DIRECTIONS FOR USE

Recommended for broadcast post-harvest in the fall (preferred) or spring.

Use Rate: 12.8 oz per acre.

Spray Volume (Ground Application): Minimum of 10 gallon water with 20 gallon preferred for best residue coverage.

Preferred Nozzle Type (Ground Application): Produces 400-600 micron droplets at 30 psi.

Chemigation: Labeled

Other Considerations: Add 2 gallons 28% per acre to increase residue breakdown by an estimated 15-25%.

Can be tank mixed with most crop protection products and fertilizer.

Avoid tank mixing with nitrification inhibiting products containing nitrapyrin, such as N-Serve® and Instinct® II or CENTURO®.

Packaging:

- 2/2.5 gallon packaging at 180 gallon pallets
- 250 gallon totes

ACTIVE INGREDIENTS

1-2-2 GUARANTEED ANALYSIS

Total Nitrogen (N)	1.00%
Total Phosphorus (P)	2.00%
Total Potassium (K)	2.00%

Derived from potassium nitrate, ammonium phosphate, corn steep liquor and a consortium of 6 carbon-digesting microbes.

Bacillus licheniformis	3.0×10^7 CFU/Gm
Bacillus coagulans	3.0×10^7 CFU/Gm
Bacillus subtils	3.0×10^7 CFU/Gm
Bacillus pumilis	3.0×10^7 CFU/Gm
Bacillus megaterium	3.0×10^7 CFU/Gm
Bacillus amyloliquefaciens	3.0×10^7 CFU/Gm

In the final liquid form, contains 700 billion total colony forming units (CFU's) per gallon (7×10^{11} CFU/gal) of the above soil health microbes (1 gm = 1 ml).

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*Auburn University found that by spring Residue Release broke down corn stalks to 48% of their fall weight by spring planting compared to 94% of fall weight for untreated and 88% for UAN solution.