

# EXCAVATOR<sup>®</sup> AMS

AMS & NON-IONIC SURFACTANT WITH  
NUTRIENT RELEASE & CROP RESIDUE BREAKDOWN

WITH

**CYCLESTRIKE LR**

MICROBIAL NUTRIENT ACCELERATOR  
& RESIDUE BREAKDOWN

**BioFlex™**

Excavator<sup>®</sup> AMS with CycleStrike™ LR and BioFlex™ is the industry's leading and first all-in-one blend of water conditioning agent (ammonium sulfate) and surfactants that aids in fertility/nutrient release and residue breakdown.

This combination makes it the ideal partner for water-soluble burndown herbicides, such as glyphosate. Not only will it perform as your key water conditioning and surfactant blend, but it will also enhance your fertility program by releasing key nutrients promptly, allowing your current crop to have access to nutrients within the growing season.

CycleStrike LR is a blend of microbes designed to accelerate the release of nutrients in the soil and break down crop residue in the field—powered by liquid-ready Bio-Capsule™ Technology to keep biologicals separate and alive until application.

BioFlex™ is a specialty water pre-treatment that neutralizes the negative effects chlorine has on biological ingredients. BioFlex converts chlorine into the safer chloride form, an essential plant nutrient that is no longer harmful to beneficial microbes.



## PRODUCT BENEFITS

- Take up to \$50 out of traditional P & K spend
- Replace a tillage pass
- Reduced cost of adjuvants in burndown applications; All-in-One Adjuvant System
- Fastest residue breakdown in the industry
- Bio-Capsule Technology packaging ensures highest effective delivery of live biologicals to the acre
- Takes up less space on the spray trailer
- Ideal for spring applications

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## EXCAVATOR<sup>®</sup> AMS GUARANTEED ANALYSIS

Ammonium Sulfate.....	21.00%
Modified Palm Oil.....	20.00%

### ALSO CONTAINS BENEFICIAL SUBSTANCES:

Fulvic Fraction (Derived from Leonardite).....	1.00%
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## CYCLESTRIKE LR BIO-CAPSULE:

### CONTAINS BENEFICIAL SUBSTANCES:

CFUs per ml(g)\*

<i>Bacillus coagulans</i> .....	5.99 x 10 <sup>6</sup>
<i>Bacillus amyloliquefaciens</i> .....	7.32 x 10 <sup>6</sup>
<i>Bacillus licheniformis</i> .....	2.49 x 10 <sup>7</sup>
<i>Bacillus megaterium</i> .....	7.32 x 10 <sup>6</sup>
<i>Bacillus pumilus</i> .....	1.90 x 10 <sup>7</sup>
<i>Phanerochaete chrysosporium</i> .....	2.88 x 10 <sup>4</sup>
<i>Trichoderma harzianum</i> .....	1.51 x 10 <sup>5</sup>

## DIRECTIONS FOR USE

Read and follow all label directions for use on package.

1. Pour BioFlex into spray tank to first treat the water.
2. Once ready to use, remove safety clip and safety cap from Bio-Capsule.
3. Remove cap from tote or jug, then twist Bio-Capsule onto tote or jug.
4. Push down on the button atop Bio-Capsule to release microbes into tote or jug.
5. To blend the combined contents:
  - a. **Jug:** Shake aggressively for at least 10 seconds to blend the combined contents. Then remove Bio-Capsule to pour mixture into spray solution.
  - b. **Tote:** Agitate tote until contents are fully combined. Then add mixture into spray solution.
6. Before each application, shake or agitate contents to ensure the correct volume is applied.

Combined product can be applied to any crop residue.

**Fall Application:** Apply immediately after harvest for best performance.

**Spring Application:** Apply with early herbicide application or in the termination of cover crops.

**Summer Application:** Ideal for breaking down wheat stubble. Specific timing for optimal use varies based on tillage practices, fertility levels and other factors. Contact your agronomist for specific recommendations.

*Works well with irrigation systems and drone applications.*

## RECOMMENDED USE RATE

**BioFlex:** Use 2-4 fl oz per 100 gallons of water

**Cyclestrike LR:** Use 0.10 oz per acre.

**Excavator AMS:** Apply 32 oz per acre with a minimum 10 gal of water.

## PRODUCT DETAILS

Available in 2 x2.5 gallon jugs (36 cases per pallet), 125-gal totes or 250-gal totes. Each packed with coordinating Cyclestrike LR & BioFlex components.

**Density:** 9.41 lb/gal

**Min. Storage Temp:** 15° F

**MERISTEM**  
CROP PERFORMANCE