

# EXCAVATOR® AMS

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

POWERED BY

**MICROBILIZE™**  
MICROBE TECHNOLOGY DELIVERY SYSTEM

EXCAVATOR® AMS, powered by Microbilize™, is the industry's most aggressive residue management tool. Adding AMS and a non-ionic surfactant makes it the perfect partner for water-soluble burndown herbicides like glyphosate. EXCAVATOR AMS breaks down crop residue in the field to release valuable nutrients earlier, reducing tillage needs, improving planter performance and supporting stronger stands.

The addition of AMS to the patent-pending EXCAVATOR formulation speeds up residue digestion, making more of the stubble nutrient capture available when the following crop needs it.

The Microbilize™ Microbe Technology Delivery System provides the ideal carrier to ensure microbes stay alive in the jug and have optimum conditions to begin multiplying and breaking down residue once applied.



AMS speeds up crop residue breakdown to make more nutrients available earlier



Less tillage required and improved planter performance with fewer skips



Improves soil health and increases overall biological activity

## PRODUCT BENEFITS

- Aggressive biological consortium to breakdown stubble much faster than competitive products
- Contains AMS and non-ionic surfactant, ideal for water-soluble herbicides like glyphosate.
- Combines the benefits of EXCAVATOR® and AQUADRAFT® PREMIUM into 1 jug, reducing space on the spray trailer.
- Binds iron and calcium cations that are present in plant cells.
- Microbe consortium is designed to digest crop residue and cycle nutrients back to the soil profile
- Microbes build improved soil tilth, reduce disease pressure and generate increased biological activity
- Improves efficacy of cover crops

*Work with your agronomist to replace up to \$30/A of your fall fertilizer spend and reduce tillage by up to \$20/A by using EXCAVATOR AMS.*

## GUARANTEED ANALYSIS:

Ammonium Sulfate.....	21%
Alkyl Polyglucoside (surfactant).....	20%
Organic acids (pH buffer).....	2%
Rheology and dispersant agents.....	5%
Fulvic Acid.....	1%

## ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

	CFUs per ml(g)*
<i>Bacillus amyloliquefaciens</i> .....	2.50 x 10 <sup>7</sup>
<i>Bacillus licheniformis</i> .....	8.40 x 10 <sup>7</sup>
<i>Bacillus megaterium</i> .....	2.50 x 10 <sup>7</sup>
<i>Bacillus pumilus</i> .....	6.48 x 10 <sup>7</sup>
<i>Bacillus coagulans</i> .....	2.22 x 10 <sup>7</sup>

## DIRECTIONS FOR USE

Apply EXCAVATOR AMS 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

Apply 32 oz per acre with a minimum 10 gal of water.

**32 oz = 13 oz of EXCAVATOR + 19 oz of Liquid AMS [0.5 lbs]**

## PRODUCT AVAILABILITY

Available in 2x2.5 gallon jugs (36 cases per pallet), 250-gallon totes or bulk.

**Density:** 9.71 lb/gal @ 68°F (20°C)

**Min. Storage Temp:** 15° F

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