

# EXCAVATOR® AMS

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

POWERED BY

**CYCLESTRIKE® LR**

MICROBIAL NUTRIENT ACCELERATOR  
& RESIDUE BREAKDOWN

**MICROBILIZE™**

MICROBE TECHNOLOGY DELIVERY SYSTEM



**EXCAVATOR® AMS** powered by **CYCLESTRIKE™ LR** and **MICROBILIZE™**, is the industry's leading, and first, all-in-one blend of water conditioning agent (ammonium sulfate) and surfactants that aids in fertility and nutrient release and residue breakdown.

This combination makes it the perfect partner for water-soluble burndown herbicides like 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 in a timely manner; allowing your current crop to have access to nutrients within the growing season.

**CYCLESTRIKE® LR**

MICROBIAL NUTRIENT ACCELERATOR  
& RESIDUE BREAKDOWN

**CYCLESTRIKE LR** is powered by liquid-ready **BIO-CAPSULE™ Technology** and is a microbial nutrient accelerator and residue breakdown.

**MICROBILIZE™**

MICROBE TECHNOLOGY DELIVERY SYSTEM

**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.

## BioUP

**BioUP** is a water pre-treatment that reverses the negative effects chlorine has on biological products. BioUP turns chlorine into the safer chloride form, which is an essential plant nutrient, and is no longer harmful to beneficial microbes.



POWERED BY

**BIO-CAPSULE™**  
**TECHNOLOGY**

INNOVATION DELIVERY SYSTEM

The patented **BIO-CAPSULE™ TECHNOLOGY** delivery system safely packages live microbes & other ingredients keeping biologicals separate and alive until the point of application.

**MERISTEM®**  
CROP PERFORMANCE

LEARN MORE AND FIND A DEALER AT  
[MERISTEMAG.COM](http://MERISTEMAG.COM) | 1-833-637-4783



# TAKE COST OUT WITH EXCAVATOR® AMS NUTRIENT RELEASE & RESIDUE BREAKDOWN APPLICATION



Take up to \$50 out of  
Traditional P & K Spend



The Fastest Residue  
Breakdown in the Industry



Replace a Tillage Pass



Improved Soil Health



Reduced Cost of Adjuvants  
in Burndown Applications;  
*All-in-One Adjuvant System*



Get More Room on the  
Spray Trailer



Highest Effective Delivery of  
Live Biologicals to the Acre



Ideal for Spring  
Applications



📍 Minnesota Field Result



📍 Wisconsin Field Result



📍 Indiana Field Result



## Terminating Cover Crops

Treated



Illinois Field Result

Untreated

## Burndown

Treated



South Dakota Field Result

Untreated

Treated



Indiana Field Result

Untreated

# TAKE COST OUT

WITH EXCAVATOR<sup>®</sup> AMS POWERED BY CYCLESTRIKE<sup>™</sup>

It's time to take a withdraw from your soil bank, here's the available nutrients in your corn stalks:

## The Nutritional Value of Corn Residue

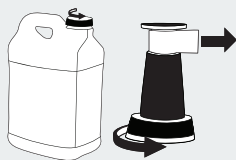
Nutrient	Yield (bushels/acre)		
	200	250	300
	Pounds per Acre		
N	90	114	136
P <sub>2</sub> O <sub>5</sub>	18	23	27
K <sub>2</sub> O	104	131	156

Source: University of Illinois

## DIRECTIONS FOR USE



**1. POUR BIOUP INTO THE SPRAY TANK TO TREAT THE WATER FIRST**



**2. REMOVE THE SAFETY CLIP & CAP FROM BIO-CAPSULE & THE JUG CAP**



**3. TWIST BIO-CAPSULE ONTO THE JUG**



**4. PUSH BIO-CAPSULE TO DEPLOY MICROBES**



**5. SHAKE THE JUG VIGOROUSLY FOR 10 SECONDS**



**6. REMOVE BIO-CAPSULE FROM THE JUG & POUR INTO SPRAY SOLUTION**