

EXCAVATOR[®] AMS

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

POWERED BY



PRODUCT DESCRIPTION

Excavator[®] AMS is a premium non-ionic surfactant with AMS that also breaks down crop residue in the field and releases nutrients. It is the perfect partner for burndown herbicides like glyphosate. Excavator AMS meets the label requirements for non-ionic surfactants for glyphosate.

RATE RECOMMENDATIONS

Apply 32 oz per acre with a minimum 10 gallons of water. Highly compatible tank mix partner with most herbicide and fertility programs.

32 oz = 13 oz of Excavator + 19 oz Liquid AMS [0.5 lb]

Optimum rate of application will vary depending on treatment interval, soil properties (such as pH, organic matter content, texture), weather conditions, time of year, plant species and its nutrient requirements. For best results, follow soil/tissue test recommendation.

MIXING AND HANDLING INSTRUCTIONS

Fill mix tank with half of required water volume and begin agitation. Add products in this order, mixing thoroughly after each addition: adjuvants, pesticides, then fertilizers. Fill tank with remainder of water and continue agitation until solution is completely mixed. Check chemical mixture compatibility using a jar test prior to application, especially for high phosphate and alkaline (high pH) solutions.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store away from incompatible materials. Dispose of waste and residues in accordance with local authority requirements. **Minimum storage temperature: 15° F**

GUARANTEED ANALYSIS

4-0-0

Nitrogen (N)	4.00%
4.00% Ammoniacal Nitrogen	
Sulfur (S)	5.00%
Derived from Ammonium Sulfate	

ALSO CONTAINS BENEFICIAL SUBSTANCES:

Modified Palm Oil	20.00%
Fulvic Fraction (Derived from Leonardite)	1.00%



**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS

Causes skin irritation. Causes serious eye irritation. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Contact the SDS for further information.

FIRST AID: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention. **IF ON SKIN:** Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical attention.

LIMITED WARRANTY: Meristem Crop Performance Group, LLC, warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. Meristem Crop Performance Group, LLC and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, Meristem Crop Performance Group, LLC and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

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Manufactured for and Guaranteed by:
Meristem Crop Performance[®] Group, LLC
489 Village Park Drive Powell, OH 43065
Customer Service: 833-637-4783
24-hour emergency: CHEMTREC: 800-424-9300

Net Contents: 250 gallons (946 liters)
Density: 9.41 lb/gal (2.48 lb/L)
Net Weight: 2352.5 lb (1067 kg)

CYCLESTRIKE™ LR

MICROBIAL NUTRIENT ACCELERATOR
& RESIDUE BREAKDOWN



PRODUCT DESCRIPTION

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. The Bio-Capsule™ Technology packaging ensures the microbes remain alive and effective at labeled rates until use.

RATE RECOMMENDATIONS

Use 0.10 oz per acre.

MIXING AND HANDLING INSTRUCTIONS

DO NOT ACTIVATE BIO-CAPSULE UNTIL READY TO USE. Read and follow all label directions for use on package.

1. Once ready to use, remove the safety clip and safety cap from the Bio-Capsule.
2. Remove cap from tote or jug, then twist Bio-Capsule onto the tote or jug.
3. Push down on the button atop the Bio-Capsule to release the microbes into the tote or jug.
4. 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.
5. Before each application, shake or agitate contents to ensure the correct volume is applied.

CONTAINS BENEFICIAL SUBSTANCES:

	CFUs per ml(g)
<i>Bacillus amyloliquefaciens</i>	7.32 x 10 ⁶
<i>Bacillus coagulans</i>	5.99 x 10 ⁶
<i>Bacillus licheniformis</i>	2.49 x 10 ⁷
<i>Bacillus megaterium</i>	7.32 x 10 ⁶
<i>Bacillus pumilus</i>	1.90 x 10 ⁷
<i>Phanerochaete chrysosporium</i>	2.88 x 10 ⁴
<i>Trichoderma harzianum</i>	1.51 x 10 ⁵

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Based on currently available data, this product is not classified as a hazardous substance. However, observe good industrial hygiene practices. Wash hands after handling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store away from incompatible materials. Dispose of waste and residues in accordance with local authority requirements.

LIMITED WARRANTY: Meristem Crop Performance Group, LLC. warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. Meristem Crop Performance Group, Inc and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, Meristem Crop Performance Group, Inc and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

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Meristem Crop Performance® Group, LLC
489 Village Park Drive Powell, OH 43065
Customer Service: 833-637-4783
24-hour emergency: CHEMTREC: 800-424-9300

Exp. Date: 01/31/2028

Net Weight: 6.25 lb (2.83 kg)

Packaged: 1 x 6.25 lb (2.83 kg)

BioFlex™



**KEEP OUT OF REACH OF CHILDREN
WARNING**

PRODUCT DESCRIPTION

BioFlex™ is a specialty water pre-treatment designed to counter the effects of chlorine in city water as well as other chlorine treated water supplies. This product is intended to neutralize chlorine's negative effects on biological ingredients.

RATE RECOMMENDATIONS

For most applications, Use 2 – 4 fl. oz per 100 gallons of water is sufficient.

DIRECTIONS FOR USE

Recommendations for use of this product are based upon factors believed to be reliable. However, because time, place, rate of application, weather, and other conditions of use are beyond our control, no written or implied warranty is given for the product other than it meets the designated guaranteed analysis.

STORAGE AND DISPOSAL

Store in a dry place. Store in original container only with lid tight. Do not store near heat or open flame. Do not reuse container. Do not contaminate water, food or feed by storage or disposal. Keep packaging closed, securely fastened and upright.

Triple rinse (or equivalent) prior to disposal. Add rinsate to spray tank. Offer container for recycling or dispose of properly according to federal, state and local authorities.

PRECAUTIONARY STATEMENTS

Harmful if swallowed or inhaled. Causes mild skin irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or smoking tobacco. Consult the SDS for further information.

FIRST AID: *IF IN EYES:* Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. *IF ON SKIN:* Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. *IF INHALED:* Move person to fresh air. If a person is not breathing call 911 or an ambulance, then give artificial resuscitation. Always call a poison control center or doctor for further treatment advice. *IF SWALLOWED:* Call a doctor or poison control center immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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Net Contents: 1 gallon (3.78 liters)
Density: 12.22 lb/gal (5.22 lb/L)
Net Weight: 12.22 lb (3.78 kg)
Packaged: 2 x 1 gallons (2 x 3.78 liters)