

# BIO-GEL™

ALLOWS SOIL TO RETAIN WATER FOR LONGER PERIODS AND CAN INCREASE CROP YIELD PER UNIT OF WATER WHEN APPLIED PER LABEL DIRECTIONS.

ENHANCES THE COHESIVE ATTRACTION AMONG DISPERSED FINE PARTICULATES AND PROMOTES SOIL STRUCTURAL STABILITY.

WELL SUITED FOR PIVOT SYSTEMS WITH HIGHER WATER PRESSURES. NOT SUITED FOR LOW PRESSURE DRIP SYSTEMS.

ACTS AS A FOOD FOR THE NATURAL BACTERIA IN THE SOIL.

FOR USE IN ORGANIC PRODUCTION.

0-0-1

**Guaranteed Analysis**

Soluble Potash (K<sub>2</sub>O) .....1%

Derived from: sulfate of potash.

**CONTAINS NON-PLANT FOOD INGREDIENT(S):**

**Soil Amending Guaranteed Analysis**

**Active Ingredient(s):**

5% Uronic acid

Total other Ingredients (Inert as non-plant food ingredients): 95%

**Purpose:** Food for natural bacteria in soil and helps reduce water leaching and runoff.

**Directions for Use:** BIO-GEL is a water-soluble powder intended for application as a water storage enhancer, soil stabilizer, and/or dust suppressant. Product can be applied based on desired viscosity required for equipment compatibility or applied as a solubilized gallons per acre rate. Product can be applied as a starter, side drench, post-directed spray, or fertigation applications.

**Application Rate:**

Per application	1-2 lb. per acre
-----------------	------------------

**Recommended Mixing Ratio:**

1:5	1 lb. dry mixed in 5 gallons water for flood fan jet nozzles @ 40 psi.
1:10	1 lb. dry mixed in 10 gallons water for all other nozzle sizes and psi.

Guaranteed By  
**Midwestern BioAg Holdings LLC**  
 10955 Blackhawk Drive  
 Blue Mounds, WI 53517

**Mixing Process: An induction / venturi system is required for product solubilization.** It is recommended to use a clean and dry mixing cone and inductor system when tank mixing large volumes. For smaller batches, the product can be mixed as a slurry using a paint stirrer or hand whisk for agitation. **While the water is agitating/flowing GRADUALLY add BIO-GEL to avoid clumping.** As the water-soluble powder solubilizes, the slurry will begin to gel. Adjust with additional water to achieve desired viscosity for application.

**If the BIO-GEL is mixed improperly, the product will pre-gel and clump.** Avoid this scenario by following the above protocol.

**Avoid cold water and adjust pH of hard water sources prior to solubilization.**

**Compatibility:** Jar-test before adding any “non-water” liquid to BIO-GEL. The product can be mixed with fertilizers, biostimulants, and biologicals if it is mixed in the following order.

1. Solubilize BIO-GEL in water and add to jar/tank and agitate.
2. While continually agitating, add additional fertilizers, biostimulants, and/or biologicals one at a time.
3. Apply immediately.

**Clean-up:** Rinse equipment with clean water after application. Flush irrigation and fertigation lines post-application.

**Storage:** Keep in dry, cool location. Use within 24 hours of mixing. **DO NOT store BIO-GEL in its solubilized state longer than 24 hours.** Re-agitation may be required.

Net Weight – 40 lb. (18.14 kg)

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>. Store in original container, in a cool, dry place out of reach of children and pets. For PROFESSIONAL USE ONLY. Warranty Limitations: All claims are limited to replacement of product or refund of purchase price, or by law. The buyer and user acknowledge and assume all liability resulting from the use of this material. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller. Midwestern BioAg Holdings LLC DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTY OR MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. In no event shall Midwestern BioAg Holdings LLC be liable for damages resulting from the use of this product and/or any special consequential or incidental damages of any kind.