



MICROSOLUTIONS®



PLANT AND SOIL HEALTH SOLUTIONS

Grade: 5-5-5

Product Code: 10003703 (Tote), 10003702 (Jug), 10003665 (Bulk)

GUARANTEED ANALYSIS

Total Nitrogen (N).....	5.0%
4.8%...Urea Nitrogen	
0.2%...Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅).....	5.0%
Soluble Potash (K ₂ O).....	5.0%

Derived from: urea, phosphoric acid and potassium hydroxide

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

Guaranteed Analysis- Soil Amending Ingredients

ACTIVE INGREDIENTS

Bacillus cellulyticus	1.28 x 10 ⁸ cfu/ml
Bacillus ligninophilus	1.28 x 10 ⁸ cfu/ml
Rhodopseudomonas galustris	1.28 x 10 ⁸ cfu/ml
Saccharomyces cerevisiae	1.28 x 10 ⁸ cfu/ml

INERT INGREDIENTS

Total Other Ingredients (from fertilizer material)....80%

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

PURPOSE: Microbials may improve nutrient release and efficiency.

NOTE: In this form, Bio Reverse contains 300 billion colony-forming units (CFUs) of these soil health microbes per 1 pint.

PRODUCT INFORMATION: Bio Reverse is a robust microbial package designed to significantly reduce residue, stubble, or terminated cover crop. The unique, tough and stable formulation has been designed to compost and break down residue to improve seed-to-soil contact, help reduce planter or tire damage from tough crop stalks and reverse nutrient tie-up in crop residue to provide more available nutrients.

PURPOSE STATEMENT: Bio Reverse helps build a healthy soil biome for continued season-long composting.

DIRECTIONS FOR USE: Use in accordance with the recommendations of a qualified individual/institution. Bio Reverse may be applied on all soil types and all crop residues. It should be applied broadcast applied as soon as possible after harvest of the crop and prior to permanent frozen ground or temperatures. Bio Reverse may be mixed with any herbicides, fungicides, insecticides, liquid fertilizers or impregnated on dry fertilizers. Agitate well prior to use.

APPLYING TO DRY FERTILIZER: Apply to dry fertilizer during the final stages of blending at a rate of 1/2 gallon per ton of fertilizer. Blend with a minimum of 200lbs per acre of dry material per acre. Flush pump after use.

RECOMMENDED RATES: Apply 1 pint of Bio Reverse per acre in a minimum spray carrier of 15-20 gallons per acre via ground rig; 2 gallons per acre via drone.

Crop	Timing	Rate (per acre)	Minimum Carrier Rate Liquid
All crop residues	Post harvest, pre emergence	1 pint per acre	15-20 gallons per acre
All crop residues	Post harvest, pre emergence applied via drone	1 pint per acre	2 gallons per acre
All crop residues	With dry fertilizer application	1/2 gallon per ton on dry fertilizer	

STORAGE AND HANDLING:

Safety: Keep Away from Children: Not for human consumption. This product is eco-safe and poses no environmental risk. No refrigeration is required.

EXPIRATION DATE: _____

pH: 7.5 | Salt Out: 2°F

FIRST AID MEASURES:

- If inhaled: Move to fresh air and keep comfortable, seek medical attention if unwell.
- If on skin: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
- If in the eyes: Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do - continue rinsing. Seek medical attention if irritation persists.
- If swallowed: Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell.

IMPORTANT: READ BEFORE USE: Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER and LIMITATION of LIABILITY: Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS.

LEGAL RIGHTS: THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION.

Net Contents	L	Kg	Gal.	Lbs.
Jug	9.5	11.5	2.5	25.3
2x2.5 gal case	18.9	22.9	5.0	50.5
Tote	1041.0	1259.9	275.0	2777.5
Bulk	Bulk Density = 10.1 lbs/gal @ 68°F			

Manufactured by:
The Andersons, Inc.

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Maumee, OH, 43537

Product of U.S.A.

800-757-8951 (emergency)

www.AndersonsPlantNutrient.com

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