



## PLANT AND SOIL HEALTH SOLUTIONS

**Grade:** 5-5-5

**Product Code:** 10003391

### GUARANTEED ANALYSIS

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

Derived from: urea, phosphoric acid and potassium hydroxide

#### Guaranteed Analysis

##### Soil Amending Ingredients

Bacillus formis	7.9 x 10 <sup>7</sup> cfu/ml
Bacillus composti	7.9 x 10 <sup>7</sup> cfu/ml
Bacillus laterosporus	7.9 x 10 <sup>7</sup> cfu/ml
Bacillus ligniniphilus	7.9 x 10 <sup>7</sup> cfu/ml
Thiobacillus sulfoxidans	7.9 x 10 <sup>7</sup> cfu/ml
Bacillus oleophilus	7.9 x 10 <sup>7</sup> cfu/ml
Azotobacter chroococcum	7.9 x 10 <sup>7</sup> cfu/ml
Bradyrhizobium denitrificans	7.9 x 10 <sup>7</sup> cfu/ml

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

**PRODUCT INFORMATION:** Bio Pass is a robust microbial package specifically designed to work in synergy with your liquid starter fertilizer program for corn and wheat. Bio Pass's specialized blend of bacteria work together in the soil to help kick-off seedlings' early season growth while enhancing the uptake of nitrogen, phosphorus, potassium and other essential nutrients throughout the season. Bio Pass may also be used to coat dry fertilizer including potash, dry phosphates and granular micronutrients.

**DIRECTIONS FOR USE:** Use in accordance with the recommendations of a qualified individual/institution. Add the recommended rate of Bio Pass to your liquid starter fertilizer. Agitate well before application.

**Soil Application:** Apply in-furrow or 2x2 at planting. Use caution when applying directly on the seed in saline, alkali, or coarse-textured soils.

**APPLYING TO DRY FERTILIZER:** Apply to dry fertilizer during the final stages of blending at a rate of 1 pint per 400 pounds of fertilizer. Flush pump after use.

**RECOMMENDED RATES:** Suggested application rates are for one growing season (per acre) in the absence of a soil analysis.

	Application	Use Rate (per acre)	Timing
Corn	Starter	1 pint per acre	At planting
Wheat	Starter	1 pint per acre	At planting
Corn and Wheat	As coating on dry fertilizer	1 pint per 400 pounds of dry fertilizer	With dry fertilizer application

#### 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



#### WARNING

CAUSES EYE AND SKIN IRRITATION

#### PRECAUTIONARY STATEMENTS:

- Wear protective gloves and clothing
- Remove contaminated clothing and wash before reuse
- Avoid breathing vapors/mists
- Use only outdoors or in well-ventilated area
- Call poison control or seek medical attention if you feel unwell
- Wash thoroughly after handling
- Do not eat, drink or smoke when using this product

#### 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	25.5
2x2.5 gal case	18.9	22.9	5.0	50.5
Tote	104.0	1259.9	275.0	2777.5
Bulk	Bulk Density = 10.1 lbs/gal @ 68°F			

Manufactured by:  
The Andersons, Inc.  
PO Box 119  
Maumee, OH, 43537  
Product of U.S.A.

800-757-8951 (emergency)  
[www.AndersonsPlantNutrient.com](http://www.AndersonsPlantNutrient.com)

©2023 The Andersons, Inc. All rights reserved. 022123  
MicroSolutions and Bio Pass are registered trademarks of The Andersons, Inc.

FO02091

LOT  
CODE

