



Bio Pass LG is a robust microbial package specifically designed to support soybean and other legume crops' growth and season-long nutrient needs. Bio Pass LG is a blend of bacteria and mycorrhiza that work together synergistically to support legume crops with nodulation production, while improving the rhizosphere around the root zone. Bio Pass LG's eight microbes team up 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.



FEATURES & BENEFITS

- **Designed for legume crops including soybeans, alfalfa and edible beans**
- **Contains a powerful high concentration of synergistic microbes**
- **Improves nutrient mineralization**
- **Improves seedling germination and emergence**
- **Includes supportive mycorrhiza for root nodulation**
- **Highly compatible formulation capable of mixing with all herbicides and fertilizer programs**
- **Formulated for stability**
- **Easy to handle and apply**

FREQUENTLY ASKED QUESTIONS

- Q: Why would I use Bio Pass LG with my soybean or other legume program?**
- A: Like all crops, soybeans and legumes need season-long nutrient support. Starting with a healthy and productive microbiome around the root zone is key to kick-off your crop and maximize yield potential. Bio Pass LG is specially designed to support and help feed your crop throughout the growing season, using its powerful, highly-concentrated and durable bacteria and mycorrhiza package.
- Q: What are the different ways to apply Bio Pass LG??**
- A: Bio Pass LG is made with an extremely durable and compatible microbial blend. This formulation of sporulated microbes are developed to manage your need for tank mixing with all pre-emergence, burndown herbicides or any fertilizer program. Bio Pass LG can fit into any soybean application program easily and effectively.
- Q: What is the source of the microbes in the Bio Pass LG product?**
- A: The microbes in Bio Pass LG are naturally-occurring and sourced from highly-performing soils from across the United States that have shown above average plant growth and performance. Each batch is produced using only the originally sourced microbes to enhance consistency and fidelity.

See more Frequently Asked Questions on the next page.

FREQUENTLY ASKED QUESTIONS *(continued)*

Q: What makes Bio Pass LG unique?

A: Bio Pass LG contains eight strains of microbials, each serving a unique purpose. In the formulation there are nitrogen-fixing bacteria specific to legume-root nodulation, antagonist bacteria for bio controls of plant diseases including Pythium and Fusarium, and bacteria that aid in the cycling of nutrients.

Q: What are the different ways Bio Pass LG can be used in my soybean program?

A: Bio Pass LG is a highly compatible formulation and can be used in your starter fertilizer program. Bio Pass LG can also be applied with a pre-emergence or burndown chemical program.

Q: Will the performance of the microbes be harmed if used in a tank mix with my chemical programs?

A: No, the bacteria remain in a sporulated form when in liquid form. They do not begin actively growing until applied to the soil.

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, potassium hydroxide

SOIL AMENDING INGREDIENTS

Bacillus megaterium	7.9 X 10 ⁷ CFU/ml
Bacillus licheniformis	7.9 X 10 ⁷ CFU/ml
Bradyrhizobium japonicum	7.9 X 10 ⁷ CFU/ml
Bacillus azotofixans.....	7.9 X 10 ⁷ CFU/ml
Pseudomonas putida.....	7.9 X 10 ⁷ CFU/ml
Azotobacter chroococcum	7.9 X 10 ⁷ CFU/ml
Acetobacter diazotrophicus.....	7.9 X 10 ⁷ CFU/ml
Azotobacter vinelandii.....	7.9 X 10 ⁷ CFU/ml

PHYSICAL PROPERTIES

pH.....	7.5
Specific Gravity.....	1.21 @ 68°F
Density	10.1 lbs/gal
Salt Out	2°F

APPLICATION

Crop	Application	Use Rate (per acre)	Timing
Soybeans	Broadcast	1 pint	At planting
Soybeans	Starter	1 pint	At planting

*Apply in a total solution of at least 2 quarts per acre



FOR MORE INFORMATION

800-831-4815
 png@andersonsinc.com
 AndersonsPlantNutrient.com

