



# Soybean Treatment Recommendations

## THE CHALLENGE: PLANT STRESS

Plants don't usually develop under optimal conditions. They face various adverse situations that cause different types of stress, preventing them from achieving maximum yields.

## THE SOLUTION: MACRO-SORB AMINO ACIDS

Macro-Sorb's exclusive extraction technology, based on pharmaceutical enzymatic hydrolysis, offers a natural and unique solution for obtaining bioactive compounds. It allows for the extraction of high concentration L-alpha amino acids in their biologically active form.

Plants can synthesize their own amino acids through chemical reactions using significant expenditures of energy. However, when plants are under stress, they are unable to perform their normal physiological functions to make these amino acids.

Plants are able to absorb Macro-Sorb's biologically active amino acids through roots and leaves, and transport them to other tissues where needed to perform their essential functions.

## Macro-Sorb Gro-Meno

Gro-Meno is a biologically active L-amino acid-based fertilizer. High-concentration free amino acids and balanced micronutrients support maximum plant performance during critical crop growth stages

- Supports plant health during high energy demand periods of crop development
- Promotes rapid recovery from stress events
- Increases plant photosynthesis activity and chlorophyll content
- Enhances performance of tank-mixed foliar fertilizers and crop protection products

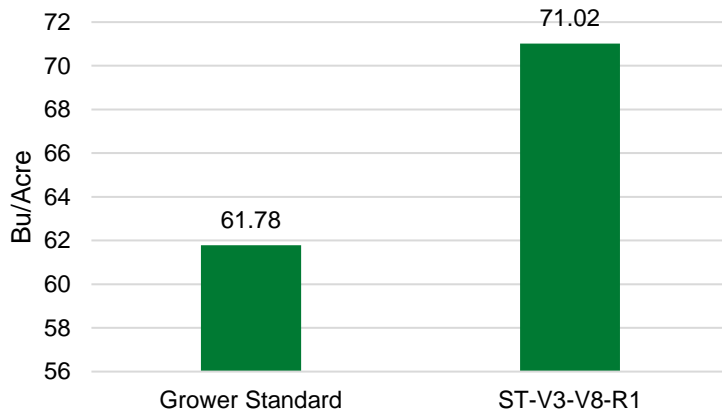
Guaranteed Analysis	
Total Nitrogen (N).....	5.0%
4.6% Water Soluble Nitrogen	
0.4% Nitrate Nitrogen	
Magnesium (Mg).....	0.8%
0.8% Water Soluble Magnesium (Mg)	
Boron (B).....	1.5%
Iron (Fe).....	1.0%
1.0% Water Soluble Iron (Fe)	
Manganese (Mn).....	0.1%
0.1% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.001%
Zinc (Zn).....	0.1%
0.1% Water Soluble Zinc	
Derived from: Porcine Protein Hydrolysate, Magnesium Nitrate, Disodium Octoborate, Ferrous Sulfate, Manganese EDTA, Zinc EDTA, Ammonium Tetramolybdate	

LESS STRESS...BETTER YIELD

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## Effects of Early Stage Gro-Meno Application in Soybean



Gro-Meno (6 oz. per 100 lbs. seed treatment / 8 oz. per acre foliar)			
	Pods per Plant	Grains per Plant	Thousand Grain Weight (g)
Grower Standard	87.14	214.40	173.95
ST-V3-V8-R1	99.21	237.46	181.04

## Gro-Meno Application Recommendations

Primary Soybean Application Timing - (8 – 16 oz. / acre)			
Seed Treatment (6 oz. per 100 lbs.)	V3	V8	R1
Additional Soybean Application Timing - (8 – 16 oz. / acre)			
R3-R4 (Pod Setting)		R5-R6 (Seed Filling)	

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