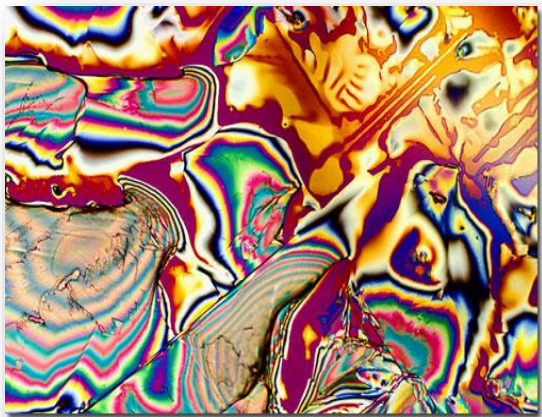


# BLACK AMINO

STERLING'S MILK AND PLANT DERIVED AMINO ACIDS FOR ALL CROPS AND PASTURES

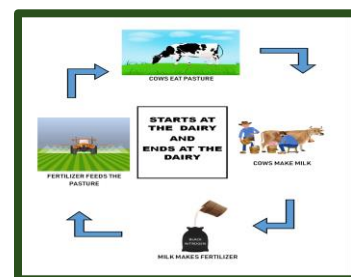


## KEY BENEFITS

- Stimulates protein synthesis for plant development and growth
- Maximizes protein content of crops and pastures
- Enhances stress resistance and recovery
- Optimizes chlorophyll concentration, sugar and nutritional content
- Optimizes the release and mobilization of plant nutrients
- Improves chelation and permeability
- Promotes flowering and fruiting

## APPLICATION RECOMMENDATIONS

- 1 to 5 pounds per acre
- Dilute in 10-25 gallons of water per acre for wet applications
- Specific recommendations are crop and site dependent
- Sterling Agriculture, Inc. consultation is recommended





# BLACK AMINO

## TECHNICAL INFORMATION

Black Amino is a patent pending blend of the following: Certified organic milk, L-Amino acids (milk and plant sources)

### Additional details:

Milk has Urea Nitrogen in it and L-AMINO ACIDS to create available Nitrogen

L-Amino Acids from milk and plants supplement your crops and pastures so that they do not need to work as hard to generate growth from oxygen, carbon, nitrogen, hydrogen and sulfur. Your plant has much more available energy. This helps it maintain not only vigorous growth but pest and disease resistance, greater yields with higher BRIX AND RFQ.

L-Tryptophan is a building block for auxin production in the plant allowing more effective production of this vital plant hormone.

L-Arginine aids in salt stress tolerance and root development enhancement.

L-Taurine aids in drought and saline stress tolerance.

L-Glycine is a natural chelator of positively charged nutrients acting to increase plant uptake of many micronutrients. It is also a positive stimulator of photosynthesis.

L-Proline, L-Leucine, L-Isoleucine, and L-Serine are osmotic protectants that execute operations within individual cells to maintain osmotic balance and proper cell functioning during stress. Important for increasing tolerance to drought, salt, and heat stress.

L-Lysine, L-Glutamic Acid, L-Alanine, and L-Proline are involved in chlorophyll production and increasing photosynthesis.

L-Histidine, L-Alanine, L-Methionine, and L-Proline are important for proper stomatal functions.

L-Aspartic Acid and L-Valine hasten seed germination.

L-Valine, L-Tyrosine, L-Threonine, L-Lysine, and L-Alanine increase plant tolerance to drought stress. L-Phenylalanine aids in lignin production for stronger cell walls.

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