



BIOMINO

Blend of Aminoacids for all species

Protein is the most expensive part of Livestock and aquaculture diets and supplies amino acids (AA) for energy, growth, protein synthesis and as substrates for key metabolic pathways. Functional AA is a term used to describe AA that are involved in cellular processes apart from protein synthesis. A deficiency, or imbalance, in functional AA may impair body metabolism and homeostasis. Recent years have seen an increased interest in AA to increase disease resistance, immune response, reproduction, behavior and more.

Amino acid supplementation has already shown to improve nutrient utilization, growth performance and survival of the young animal, reproductive performance, wool and hair production, and especially increase milk and meat production in other ruminant livestock such as cattle, sheep, and goats. Ten amino acids classified as essential (lysine, methionine, tryptophan, threonine, arginine, isoleucine, leucine, histidine, phenylalanine and valine) must be provided in the diet for maximum performance.

Benefits in Fish:

- Break down food.
- Provide an energy source.
- Grow and repair body tissue.
- Optimum in protein synthesis.
- Sustain a normal digestive system.
- Disease resistance and better FCR
- Optimum growth and boost Immunity.
- Make hormones and brain chemicals (neurotransmitters).
- Muscle tissue construction, catalysis of biological reactions.

Benefits in Livestock:

- Provide an energy source.
- Reproductive performance.
- Sustain a normal digestive system.
- Optimum growth and boost Immunity.
- Especially increase milk and meat production.
- Growth performance and survival of the young animal.
- Optimum in protein synthesis and Improve nutrient utilization.

Composition:

lysine, methionine, tryptophan, threonine, arginine, isoleucine, leucine, histidine, phenylalanine and valine

Dosage:

Fish : 500 ml to 1 L

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**Not for human, Cat & Dog
Aquatic supplement**

The product is free from Chloramphenicol, Nitrofurans, Antibiotics, Melamine, By product of swine/bovine & other genetically modified organism