

- Specification Sheet -**BIOFERTIN-L 7-0-0**

BIOFERTIN-L 7-0-0 is a liquid organic fertilizer that is being produced by the mild enzymatic hydrolysis of natural proteins (collagen). This production process guarantees the preservation of the necessary amino acids and a high rate of organic nitrogen (>7%) derived exclusively by amino acids. It can be used in all crops as: 1. an organic nitrogen fertilizer for foliar sprays, fertigation and hydroponic systems, 2. a wetting agent since it has high viscosity and as a consequence it sticks to the leaves, 3. a recovery biostimulator for the plants due to the high percentage of the contained amino acids after periods of intense stress caused by biotic and climatic factors, 4. a stimulator for the improvement of the quantitative and qualitative characteristics of the crop and 5. a chelating agent of the nutrients (Fe, Zn, Mn, Cu) since amino acids improve the uptake of metal micronutrients from the plants.

PROPERTIES AND USES:

- Increases the yield and the quality of the crops.
- Provides nitrogen readily available to the plants.
- Fortifies the resistance of plants against stress.
- Improves the efficiency of the chemical fertilizers and pesticides.
- Accelerates the biochemical processes that take place inside the plant (photosynthesis, sugars formation).
- Promotes fruit growth.

APPLICATION:

BIOFERTIN-L 7-0-0 is applied foliarly or by fertigation through the irrigation/fertilization system.

Application Rate: Generally it is applied at the following application rate.

Foliarly: 5-7 l/ha diluted in 500-2,000 l of water.

Soil application: 10-35 l/ha.

Hydroponic system: 1-2.5 l/500 l of water.

Sticking action: 300-500 ml/100 l of water.

STANDARD ANALYSIS

	(w/w)	(w/v)
Nitrogen (N)	7.00	7.74
Calcium (CaO)	0.20	0.22
Sulfur (S)	0.50	0.55
Chlorine	<1.00	<1.20
Amino acids	43.00	50.00

PHYSICAL PROPERTIES:

Appearance: Creamy white fluid
Density: 1.10 g/ml
Solubility: 100% water soluble
pH: 5.5-6.5