

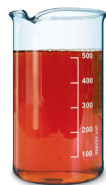
LIQUID

DESCRIPTION

AMINO POWER® Liquid 50 is an organic biostimulator containing more than 50% amino acids and peptides. Through quick absorbance by leaves and transfer to the plant tissues, **AMINO POWER® Liquid 50** amino acids act as natural biostimulants. They support plant recovery during abiotic and biotic stress.

ORIGIN

AMINO POWER® Liquid 50 is obtained by indulgent enzymatic hydrolysis of natural proteins. The production process guarantees the presence of essential amino acids and a high nitrogen content (> 9%), consisting only of amino acid nitrogen.



COMPOSITION: (Typical analysis)

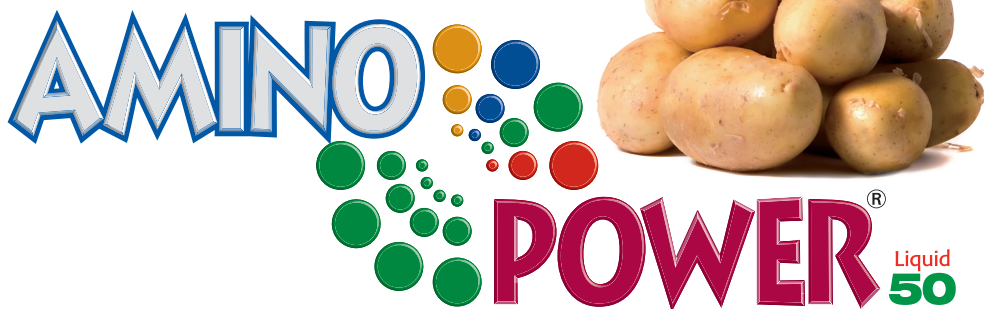
Total Organic Nitrogen (N)	> 9.0%
Total Amino Acid / Peptides	55%
Free Amino Acid (HPLC method)	3% min.
Dry matter	55% min.
Density	1.21kg/L
pH value	4-6
Product type	Liquid

FORM OF DELIVERY



IBC container (Intermediate Bulk Container) Can 5 L, 10 L, and 20 L Bottle 1 L

Organic Biostimulator



50% Liquid Amino Acids FOR HYDROPONIC AND FOLIAR APPLICATION

BENEFITS

AMINO POWER® Liquid 50 has the advantage that it adheres very well to leaves because of its high viscosity, and it acts as an organic trace element chelator. Therefore it is widely used as a foliar fertilizer in combination with other water soluble fertilizers and in combination with almost all commercial plant protection agents to enhance their efficiency. As a result of increased photosynthesis and sugar production, **AMINO POWER® Liquid 50** produces a qualitative and quantitative increase in plant growth.

AMINO POWER® Liquid 50 improves the uptake of micronutrient fertilizers (e.g. Fe, Zn, Mn, Cu) due to the activity of amino acids as natural chelators. The use as a foliar fertilizer supports the plant in better absorption of mineral fertilizers and nutrients naturally present in the soil.

AMINO POWER® Liquid 50 is also recommended as a soluble organic nitrogen fertilizer for fertigation (drip irrigation) and hydroponic watering systems. Recommended dilution rate for foliar application is 0.5- 0.7%, in the usual quantity of spray water.

- Increases crop yield and quality
- Supports plant resistance to stress
- Improves efficiency of plant protection treatments
- Improves soil buffering capacity
- Wetting/sticking adjuvant which enhances the efficacy of plant protection agents and fertilizers
- Soluble organic nitrogen source for fertigation and hydroponic watering systems
- Decreases the incidence of certain plant diseases
- Increases the efficiency of various pesticides, e.g. fungicides
- Natural organic fertilizer
- Supports the plant with needed amino acids and peptides and saves biological energy

DIRECTIONS FOR USE* AMINO POWER® Liquid 50

CROP	OBJECTIVE	RECOMMENDED APPLICATION
In all crops	Reduction of stress, improvement of the efficiency of plant protection treatment	5-7 L/ha in case of stress (salinity, dryness etc.) divided into several doses (2-3 L/ha)
Vegetables in greenhouses	Improvement of plant quantity and quality	7 L/ha in 2-3 application every 10-15 days, starting from planting
Horticultural fruit trees	Fruit setting, fruit growth and quality	5 L/ha in several applications (1-2 L/ha), every 10-15 days, starting from the pre-blooming stage
Open field vegetables	Yield	5 L/ha in 2-3 applications every 7-10 days after the first true leaf stage
Cereals, potatoes, legumes	Yield	6-8 L/ha divided into 3 applications every 15 days after the first true leaf stage
Ornamental plants and tree nursery, landscaping, turf grass (in general)	Root formation and nutrient uptake, growth	7 L/ha in 2-3 applications every 7-12 days starting from planting

* This recommendation may be varied according to the soil characteristics and local conditions



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