

## LIQUID

### DESCRIPTION

**AMINO POWER® Plus Liquid** is an organic biostimulator containing 40% amino acids, peptides and several micronutrients (Fe, Zn, Mn, Co and Mo). Through quick absorbance by leaves and transfer to the plant tissues, **AMINO POWER® Plus Liquid** amino acids act as natural biostimulants and organic chelate ligands for micronutrients. They also support plant recovery during abiotic or biotic stress, and they provide the plant with the most important micronutrients.

### ORIGIN

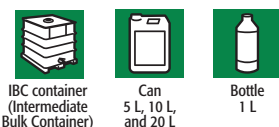
**AMINO POWER® Plus Liquid** is obtained by indulgent enzymatic hydrolysis of natural proteins. The production process guarantees the presence of essential amino acids and high chelate quality for trace elements and a high nitrogen content (> 7%) consisting only of amino acid nitrogen.



### COMPOSITION: (Typical analysis)

Total Organic Nitrogen (N)	> 7.0%
Total Amino Acid / Peptides	40%
Free Amino Acid (HPLC method)	14% min.
Dry matter	50% min.
Fe	0.2%
Mn	0.1%
B	0.05%
Zn	0.01%
Co	0.01%
Mo	0.01%
Density	1.25 kg/L
pH value	6-7
Product type	Liquid

### FORM OF DELIVERY



IBC container  
(Intermediate  
Bulk Container)

Can  
5 L, 10 L,  
and 20 L

Bottle  
1 L

## Organic Micronutrient Deficiency Corrector



## 40% Amino Acids and Micronutrients FOR HYDROPONIC CULTURE AND FOLIAR APPLICATION

### BENEFITS

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

**AMINO POWER® Plus Liquid** supports and improves the uptake of micronutrient fertilizers (Fe, Zn, Mn, Co and Mo) due to the activity of amino acid as a natural chelator. The use as a foliar fertilizer supports the plant in absorption of mineral fertilizers and nutrients naturally present in the soil.

**AMINO POWER® Plus Liquid** is also recommended as a soluble organic trace element and nitrogen fertilizer for fertigation (drip irrigation) and hydroponic watering systems. The recommended concentration for foliar application is 0.5-0.7% in usual quantities of spray water.

- Increases crop yield and quality
- Supports plant resistance to stress
- Wetting and adhesive adjuvant which enhances the efficacy of plant protection agents and fertilizers
- Soluble organic micronutrient chelator and nitrogen source for fertigation and hydroponic watering systems
- Decreases the incidence of certain plant diseases
- Natural organic fertilizer
- Supports the plant with essential amino acids and peptides

### DIRECTIONS FOR USE\* AMINO POWER® Plus Liquid

CROP	OBJECTIVE	RECOMMENDED APPLICATION
In all crops	Reduction of stress, improvement of efficiency of plant protection treatment, correction of micronutrient deficiencies	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, correction of micronutrient deficiency	7 L/ha in 2-3 applications every 10-15 days, starting from planting
Horticultural fruit trees	Fruit setting, fruit growth and quality, correction of micronutrient deficiency	5 L/ha in several applications (1-2 L/ha), every 10-15 days starting from the pre-blooming stage
Open field vegetables	Output, correction of micronutrient deficiency	5 L/ha in 2-3 applications every 7-10 days after the first true leaf stage
Cereals, potatoes, legumes	Output, correction of micronutrient deficiency	6-8 L/ha divided into 3 applications every 15 days after the first true leaf stage
Ornamental plants and tree nursery, turf grass, landscaping (in general)	Root formation, taking roots, sprouting leaf quality, growth, micro nutrient deficiency correction	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



Administration & Distribution: **Humintech GmbH**  
Am Pösenberg 9-13 • D-41517 Grevenbroich, Germany  
Tel.: +49 (0) 2181 70 676 0 • Fax: +49 (0) 2181 70 676 22  
E-mail: [info@humintech.com](mailto:info@humintech.com) • Internet: [www.humintech.com](http://www.humintech.com)