

## WATER SOLUBLE

### DESCRIPTION

**AMINO POWER® WSP** is an organic biostimulator containing 87.5 % amino acids and peptides. Through quick absorbance by leaves and transfer to the plant tissues **AMINO POWER® WSP** amino acids act as a natural biostimulant and organic chelator for trace elements, and it promotes recovery from abiotic or biotic stress.

### ORIGIN

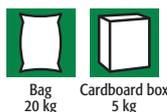
**AMINO POWER® WSP** is obtained by indulgent hydrolysis of natural proteins. The production process guarantees the presence of essential amino acids and a high nitrogen content (> 15 %) consisting only of amino acid nitrogen.



### COMPOSITION: (Typical analysis)

Total Organic Nitrogen (N)	> 15%
Total Amino Acid / Peptides	87.5%
Free Amino Acid (HPLC method)	12% min.
Dry matter	95% min.
Bulk Density	0.300 kg/L
pH value	6-7
Product type	Water soluble powder

### FORM OF DELIVERY



Bag 20 kg  
Cardboard box 5 kg

## Organic Biostimulator



## Amino Acids in Powder Form FOR HYDROPONIC CULTURE AND FOLIAR APPLICATION

### BENEFITS

**AMINO POWER® WSP** 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 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® WSP** produces a qualitative and quantitative increase in plant growth.

**AMINO POWER® WSP** supports and improves the uptake of trace elements fertilizers due to the activity of amino acids as natural chelators. The use as a foliar fertilizer helps the plant to better absorb minerals, fertilizers and nutrients naturally present in the soil.

**AMINO POWER® WSP** is also recommended as a soluble organic nitrogen fertilizer for fertigation (drip irrigation) and hydroponic watering systems. The recommended concentration for foliar application is 0.3-0.5% in the usual quantity of spray water.

- Increases crop yield and quality
- Supports plant resistance to environmental stresses (drought, extreme temperatures, sunburn, transplanting stress etc.)
- Promotes the growth of roots and regenerates damaged roots
- Wetting and adhesive which enhances the efficacy of plant protection agents and fertilizers
- Soluble organic chelator of certain trace elements, and nitrogen source for fertigation and hydroponic watering systems
- Decreases the incidence of certain plant diseases
- Natural organic fertilizer
- Supports the plant with needed amino acids and peptides

### DIRECTIONS FOR USE\* AMINO POWER® WSP

CROP	OBJECTIVE	RECOMMENDED APPLICATION
In all crops	Reduction of stress, improvement of efficiency of plant protection treatment	3-4 kg /ha in case of stress (salinity, dryness etc.) divided into several doses (1 kg/ha)
Vegetables in greenhouses	Yield, sprouting leaf quality, growth	3-4 kg/ha divided into 2-3 applications every 10-15 days, starting from planting
Horticultural fruit trees	Fruit setting, fruit growth and quality	1-2 kg/ha every 10-15 days, from pre blooming stage until the beginning of the colouring stage
Open field vegetables	Yield increase	1-2 kg/ha every 7-10 days after the first true leaf stage
Cereals, potatoes, legumes	Yield increase	3-4 kg/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, sprouting leaf quality, growth	1 kg/ha every 7-12 days starting from planting

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



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