



PRO – ACTIVE PLANT BIOSTIMULANT

AMINO POWER[®] WSP is a concentrated, water soluble organic biostimulator based on amino acids and peptides. Amino acids act as natural complexing agents and improve nutrient uptake from both the soil and foliar applications with trace elements. Therefore, it is widely used as a foliar fertilizer in combination with other water-soluble fertilizers and with almost all commercial plant protection agents to enhance their efficiency. Due to the excellent surface adhesion of **AMINO POWER[®] WSP**, the resorption of trace nutrients into the plant is improved. The direct benefit of amino acids is that they are taken up by the roots and leaves and are readily available as building blocks for protein biosynthesis. This saves energy for other metabolic processes such as yield formation. Amino acids and peptides provide a further nitrogen source to the plant while N mineralization takes place in the soil. **AMINO POWER[®] WSP** is suitable for foliar application with fertilizers and in hydroponic systems, Premixing test is advised.

BENEFITS & RECOMMENDED APPLICATION

- Improves the plant energy balance
- Has a positive influence on the plant's protein synthesis
- Provides amino acids for immediate resorption by the crop
- Increases nutrient uptake as a natural chelating and complexing agent
- Improves stress tolerance of plants against drought, salt, cold and heat
- Increases the overall yield performance of diverse crops
- Improves fertilizer efficiency
- Increases the biomass production and fruit yield

FIELDS OF APPLICATION

- Agriculture
- Vegetable Production
- Fruit Production
- Substrate Cultivation
- Hydroponics
- Turf and Landscaping
- Seed Treatment

RECOMMENDED APPLICATION RATES*

Soil	3 – 4 kg/ha against abiotic stress (i.e. salt , drought stress) divided into several applications (0.5 – 1.0 kg / ha)
Foliar	0.1 kg/100 L water every two weeks throughout the entire growing period
Substrates	0.5 kg/m ³
Seeds	0.1 % or 100 g/100 kg seed dressing according to thousand grain weight (T.G.W.)
Hydroponics	5 – 10 g/1000 L nutrient solution during the cultivation cycle

* These are standard recommendations that can vary according to soil properties, cultivated crop and local system conditions.

INHERENT COMPOSITION (Typical values based on Dry Matter)

Amino Acids / Peptides	87 – 89 %	Organic Substance	90 – 92 %
Free Amino Acids	35 – 40 %	pH – value	4 – 6
Organic Nitrogen	14 – 15 %	Bulk Density	0.3 – 0.4 kg/L
Dry Matter	93 – 95 %		

STORAGE

Store in a dry place, protected from frost, heat and direct sunlight.

STORE OUT OF THE REACH OF CHILDREN



DELIVERY SPECS

