



The way to go when you want to supply the plant with energy without the root system. With Pepton you buy valuable time when the growth potential is present and the plant needs immediate supply of nutrients and energy, as if spring when nutrient uptake from the root has not started.

Pepton 85/16 is an organic nutrient-rich foliar fertilizer. Pepton is ready material for the plant for growth and development. Typical situations are when the temperature in the soil causes the root to not start properly, after periods of drought, mineral deficiency or if the plants have become stressed or weakened. With Pepton, the plant will recover quickly, grow in line with its potential and lay the foundations for long-term further growth. Pepton 85/16 is a plant biostimulant with high concentration of amino acids, obtained from enzymatic hydrolysis, which releases and potentiates different reactions in plant metabolism, its biostimulating effect having a similar effect to that of plant hormones and natural growth regulators. With a full 85% amino acids and 16% free amino acids, Pepton is the most nutritious formula on the market, with 100% of the amino acids present in their most favorable form (L-isomer). The amino acids in Pepton are very easy for the plant to absorb

because they are enzymatically prepared from hemoglobin, an easily digestible protein. Pepton will thus also provide additional iron and potassium supplementation, which contributes to a deeper green color of the plants and more efficient photosynthesis. Pepton is used on all types of leaf manure of crops; grass, cereals, potatoes, fruits, vegetables, etc. Unlike fertilizers to be absorbed through the root system, foliar fertilizers with Pepton will give quick effect. Pepton is often used in combination with other fertilizers or plant protection since the amino acids in Pepton open passage through wax layers into the plant's cells and thus facilitate the uptake of other substances. Pepton comes in the form of microgranules, which are 100% water soluble, storage stable and easy to use. Pepton is also used for drip irrigation. Pepton is approved in organic farming by (EU) No 834/2007.

**Vegetables**

Can be used at first watering. Depending on the plant structure, the dosage can be increased until harvest. Increases stress tolerance and helps flowers to withstand frost.

**Fruits, berries, nuts**

Begin with first watering. Until harvest, the treatment can be done every 10-15 days. Easiest to add with irrigation system. Increases stress tolerance and helps flowers to withstand frost.

**Cereals, oilseeds, herbs**

Can be used with irrigation system. For sprinkler systems, clean water should be given 10-15 minutes after fertilization.

**Flowers / ornamentals**

Can be given weekly throughout the growing season. Dosage to be adjusted depending on the plants' development. Increases stress tolerance and helps flowers to withstand frost.

**Potato**

Can be applied with irrigation system. For sprinkler systems, clean water should be given 10-15 minutes after fertilization. Increases stress tolerance and helps the plant withstand frost.



Analysis

Nitrogen	13,6 %
Phosphorus	0,46 %
Potassium	5,9 %
Calcium	0,37 %
Magnesium	0,03 %
Sulfur	0,37 %
Boron	3,7 ppm
Manganese	5,2 ppm
Iron	2400 ppm
Copper	2,4 ppm
Zinc	36 ppm
Silicon	22 ppm



Content

Alanine	Histidine
Lysine	Tyrosine
Arginine	Isoleucine
Methionine	Valine
Aspartic acid	Leucine
Phenylalanine	Proline
Cysteine	
Serine	All amino acids
Glutamic acid	in Pepton are of
Threonine	type L
Glycine	
Tryptophan	



Recommendation

Foliar application:  
1,5 - 2,5 kg / 100 l water  
from 1 - 40 kg / ha

Drip irrigation:  
2 - 4 kg / ha / application.