

ProthemCO

*A natural fertilizer that boosts
crop strength and vitality*

L-type amino acids obtained by non-chemical hydrolysis



The manufacturing process used for ProthemCO® ensures compliance with high quality and efficacy standards in its formulation.

It is developed from a natural concentrate of 100% L-type amino acids obtained by non-chemical hydrolysis, enabling full assimilation by plants.

Its liquid formulation can be used on any type of crop.

Org N
4.5%

organic
carbon
18%

ProthemCO

A NATURAL LIQUID FERTILIZER WITH
A HIGH ENERGY AND NUTRITIONAL VALUE



GENERAL DESCRIPTION

ProthemCO® is a **formulation of natural origin**, obtained by non-chemical hydrolysis and supplied as a **concentrated suspension**.

Careful selection of high quality raw material, the method used to obtain the raw material and its subsequent processing guarantee an end product that meets the highest quality standards.

GUARANTEED ANALYSIS

Total amino acids	29.0%
Free amino acids	6.0%
Total nitrogen (N)	4.85%
Organic nitrogen	4.5%
Organic carbon	18.0%
C/N	4%
Phosphorus pentoxide (P ₂ O ₅)	0.25%
Potassium oxide (K ₂ O)	2.75%
Calcium oxide (CaO)	0.01%
Iron (Fe)	750 ppm
pH	8.5 - 9.5

TYPICAL AMINOGRAM

Alanine	2.73%	Methionine	0.46%
Arginine	1.00%	Phenylalanine	3.20%
Aspartic acid	2.00%	Serine	1.16%
Cysteine	1.05%	Threonine	0.79%
Glutamic acid	1.58%	Tryptophan	0.84%
Glycine	1.05%	Tyrosine	0.58%
Histidine	0.58%	Valine	2.84%
Isoleucine	<0.21%	Proline	0.23%
Leucine	7.93%	Hydroxyproline	<0.21%
Lysine	2.05%		

100% of the amino acids contained in ProthemCO® are L- Type form.

APPLICATIONS

ProthemCO® is used as a liquid fertilizer and a rich source of nutrients due to its high content in amino acids, nitrogen, potassium, organic iron and its short-chain peptides.

Useful during root development, fruit set, and also in stress situations due to adverse climate conditions and/or transplanting, for all crops.

Application Methods:

In foliar spray

apply 1 to 2 quarts per 100 gallons (200 to 400 ml/100 L) of water per application.

In foliar spray

apply 3 to 7 pints per Ac (4 to lts./Ha) per application.

STANDARD PRESENTATION

ProthemCO® is supplied as a concentrated suspension, for easier handling and application.

The product is available in 68 Oz, 274 Oz and 264 Gallons.

STORAGE

Store in a cool, dry place in the sealed container, avoiding exposure to direct sunlight.

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TO FIND OUT MORE

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