

Aminocore Basic Plus is formulated with enzymatically hydrolyzed, biologically active free **amino acids**, **low molecular peptides** and a **complex of Metabolites** obtained by the exclusive **MetaCore™** technology.

The natural Amino acids, low molecular peptides and Metabolites in **Aminocore Basic Plus** support plant maintenance, growth, vitality and reproduction by supplying additional energy through the Krebs cycle and enhancing stress resistance.

This leads to enhanced plant and crop performance, including improved colour, larger foliage, more developed and active root systems, increased flowering, and higher yields with more or larger fruit, resulting in overall healthier crops.

BASIC PLUS



*provides energy
for plants*

Benefits

- **Increases photosynthesis activity and chlorophyll content**
- **Increases plant stress resistance**
- **Improves fruit set and quality**
- **Improves efficiency of fertilizer and plant protection treatments**

Composition

	(w/w)		(w/w)
Free amino acids	17%	Total amino acids	24%
Organic carbon	15%	Dry matter	35%
Organic nitrogen	4.0%	Total nitrogen	4.0%
Organic matter	30%	Ash	5%
Biologically Active Metabolites (Peptides, Bile acids, Lipids, Carbohydrates and Nucleotides)			>150
Specific weight	1.15 kg/l	pH	4.8-5.8

Application rate

Foliar application:

Row/field crop: 0.15-1 l/ha (2-3mL/L water)

Fruits/Vegetables: 0.5-2 l/ha (2-3mL/L water)

Apply in the early morning or late evening and clean equipment after use.

Drip irrigation:

1-3 l/ha

Administer the first drip irrigation moments early in the morning so that the pipes are clean during the night.

Repeat the application every 10-15 days during the growth season.

Application time:

It is advisable to use it during periods when the crop needs a physiological stimulus, such as:

- Start of the plant's vegetative cycle, as soon as it has sufficient leaf mass
- Pre-flowering, petal-falling phase and Fruit development
- Combined with chemical treatments to reduce stress
- Combined with fertilizer applications to increase their uptake

Aminocore Basic Plus is also recommended when the crop is subjected to adverse conditions (drought, cold, wind, root asphyxia, etc.) and in treatments for plant recovery following critical periods (transplants, damage due to frost, hail, wind, etc.).

Free Amino Acid Profile g/kg product

Alanine	13.5
Arginine	4.9
Aspartic acid	12.3
Cystine	0.6
Glutamic acid	14.3
Glycine	8.7
Histidine	4.4
Hydroxyproline	0.4
Isoleucine	9.9
Leucine	15.4
Lysine	16.0
Methionine	4.0
Phenylalanine	9.3
Proline	9.1
Serine	8.3
Taurine	1.1
Threonine	9.7
Thryptophan	2.1
Tyrosine	7.6
Valine	13.0



Packaging

IBC:	1000 L
BARREL:	220 L
CANNISTER:	5, 10 & 20 L
BOTTLES:	1 L



MetaCore™ Technology
Biological complexity. Preserved by design.

**above mentioned figures are indicative*

Peptide groups

Function

PSK (Phytosulfokine)	Promotes cell division and plant growth
RGF/CLEL (Root Growth Factors)	Support root meristem maintenance and root development
PEP (Plant Elicitor Peptides)	Activates plant's natural defense responses

Metabolites

Function

Bile acids	Triggering plant protection responses
Lipids	Key signaling molecules regulating growth and environmental stress responses
Carbohydrates	Provide energy, transport nutrients, regulate internal water balance
Nucleotides	DNA and RNA building blocks and regulators that driver photosynthesis

