

Aminobor is formulated with enzymatically hydrolyzed, biologically active free **amino acids**, **peptides** a **complex of Metabolites** obtained by the exclusive **MetaCore™** technology and natural chelated boron to increase fruit set and fruit retention.

The natural amino acid, low peptides and metabolites in **Aminobor** supports plant maintenance, growth, vitality and reproduction by giving them more energy (via the Krebs cycle) and more resistance. The natural chelated boron plays an important role in the movement and metabolism of sugars in plants, in the lignin formation of cell walls and the synthesis of plant hormones and nucleic acids. This shows through in improved plant and produce colour, larger leaves, longer roots, more flowers, more fruit and/or larger fruit.

Aminobor can be applied to all types of crops, leaf vegetables, fruit vegetables, strawberries, stone fruit trees, pome fruit trees, citrus, olive trees, vines, tropical fruit trees, industrial crop, field crop. Etc.

AMINOBOR

*to stimulate
flowering/fruits*



Benefits

- **Triple action: bio-stimulant, fertilizer and boron deficiency corrector**
- **Fast and efficient leaf penetration and transportation of boron throughout the plant**
- **Rapid recovery from critical situations**
- **Improves flowering**

Composition

	(w/w)		(w/w)
Free amino acids	9%	Total amino acids	14%
Organic matter	22%	Dry matter	32%
Organic nitrogen	2.5%	Total Nitrogen	3.5%
Boron (B)	3.5%	pH	6-9
Biologically Active Metabolites (Peptides, Bile acids, Lipids, Carbohydrates and Nucleotides)			>150

Dose: Spray application: 500ml-1 l/ha (200-300ml/hl)

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

Drip irrigation: 2-3 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 boron deficiencies and 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 and petal-falling phase
- Fruit development

Foliar application of **Aminobor** is recommended on sensitive crop like grapes and fruit plants during the pre-flowering period to support flowering and fruit setting.

Free amino acid profile g/kg product

Alanine	8.43
Arginine	4.46
Aspartic acid	7.38
Cystine	0.07
Glutamic acid	9.24
Glycine	5.58
Histidine	2.98
Hydroxyproline	0.06
Isoleucine	3.41
Leucine	5.02
Lysine	10.23
Methionine	1.80
Phenylalanine	5.15
Proline	5.20
Serine	6.32
Taurine	0.62
Threonine	7.00
Thryptophan	1.45
Tyrosine	0.99
Valine	7.13



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



The product is produced in conformity with EU Directives 837/2007 and 889/2008 and is permitted for ecological growing.