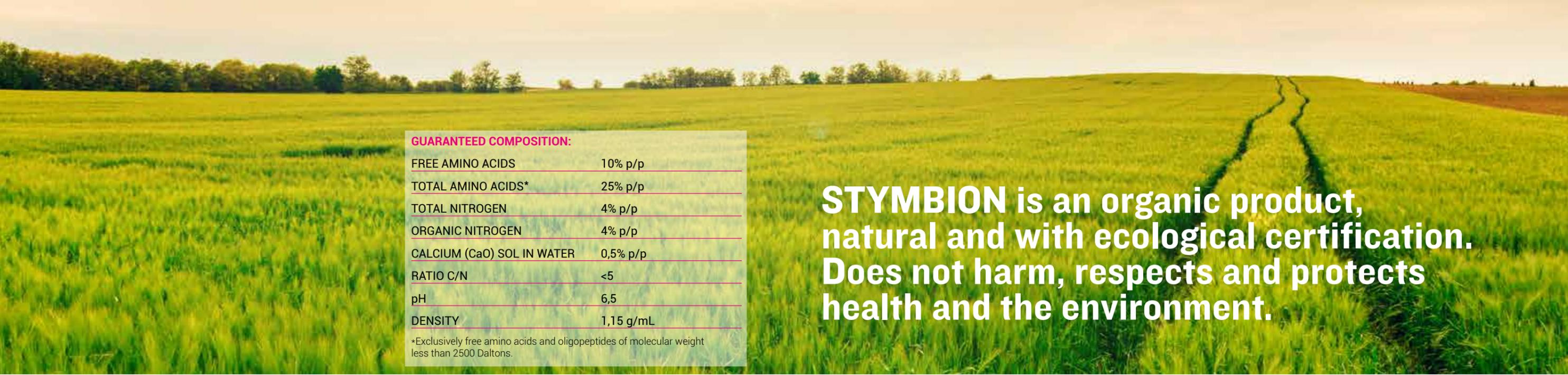




STYMBION

BIOSTIMULANT



GUARANTEED COMPOSITION:

FREE AMINO ACIDS	10% p/p
TOTAL AMINO ACIDS*	25% p/p
TOTAL NITROGEN	4% p/p
ORGANIC NITROGEN	4% p/p
CALCIUM (CaO) SOL IN WATER	0,5% p/p
RATIO C/N	<5
pH	6,5
DENSITY	1,15 g/mL

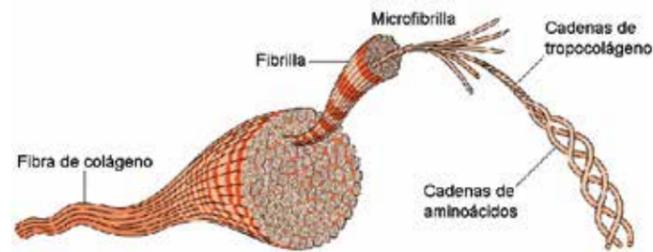
*Exclusively free amino acids and oligopeptides of molecular weight less than 2500 Daltons.

STYMBION is an organic product, natural and with ecological certification. Does not harm, respects and protects health and the environment.

DESCRIPTION

STYMBION is an innovative bio-stimulant formulated from natural collagen using a unique process of enzymatic hydrolysis. Due to this unique process AMINOBION contains only free L-form amino acids and peptides of very low molecular weight, commonly termed oligopeptides.

The active ingredients of STYMBION are therefore 100% bioactive and can be fully absorbed and utilized by the plants. Once applied it will be rapidly absorbed by the leaves and immediately incorporated into the metabolic processes of the plant.



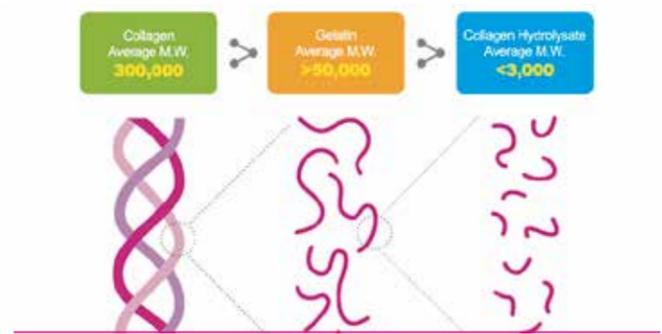
With the unique method of formulation based on enzyme hydrolysis, in which the combination of enzymes with "exo"- activity and endopeptidase is used, the almost complete release of its basic molecular fractions is achieved. The free L-form amino acids are created without the need to use the aggressive common chemical treatments used by other manufacturers, the consequence of which is the degradation of the active ingredients and the production of plant toxic contaminants.

COMPOSITION

STYMBION is characterized by being a consistent, balanced composition which is extremely effective because:

- A. Only fresh rigorously selected raw materials of natural origin are used to extract the collagen;
- B. During the conversion process, the level of hydrolysis is closely regulated and controlled;
- C. The end-product does not contain any chloride or sodium or other contaminants.

Collagen is a complex macromolecule whose structural unit is tropo-collagen, a protein structured in the form of a triple spiral of around 300,000 Daltons molecular weight. The tropocollagen units are grouped in parallel, which are joined together to form the collagen fibres which are difficult to fragment due to their characteristic configuration.



BENEFITS OF THE USE OF STYMBION

STYMBION is a biostimulant with high metabolic efficiency that stimulates the overall development of the crop, especially under less optimal growth conditions for the plants.

STYMBION stimulates various physiological processes of the plant, providing functional, structural and energy savings that ultimately result in the following effects:

- It highly favors the development of the plants root system, increasing greater absorption of water and nutrients;
- Promotes quick seed germination and early seedling growth;
- Helps to get a balanced growth between foliar and root biomass.
- Activates the general metabolism of plants, stimulating photosynthesis, production and transport of photo-assimilates.
- Increases flowering, fruit set and fruiting, increasing the quality and quantity of the crop (early growth, fruit/grain size, uniformness, color, maturation, yield and post-harvest shelf life).
- Provides the plant with greater resistance and resilience to unfavorable growing conditions, and its subsequent recovery.
- Strengthens the action of crop protection agents and mitigates possible negative side-effects of any applied treatments.

WHERE AND HOW TO APPLY?

As STYMBION is a completely natural product, versatile and with multiple mode of action, it is considered a universal and versatile biostimulant, suitable for use in all types of crops, in each of their different phenological stages and in all agroclimatic situations.

Its use is recommended in periods of greater metabolic activity where energy requirements are higher, such as transplantation, sprouting, flowering, curdling and ripening of fruits, and to alleviate stress situations generally.

Due to its systemic nature, STYMBION can be applied both as a foliar spray, in fertigation or in other irrigation systems including hydroponic cultivation.

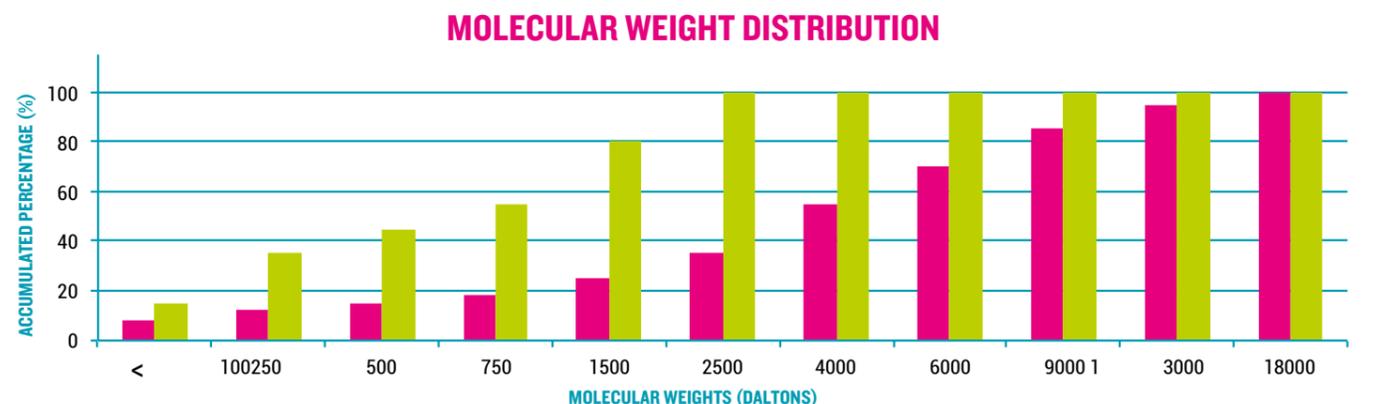
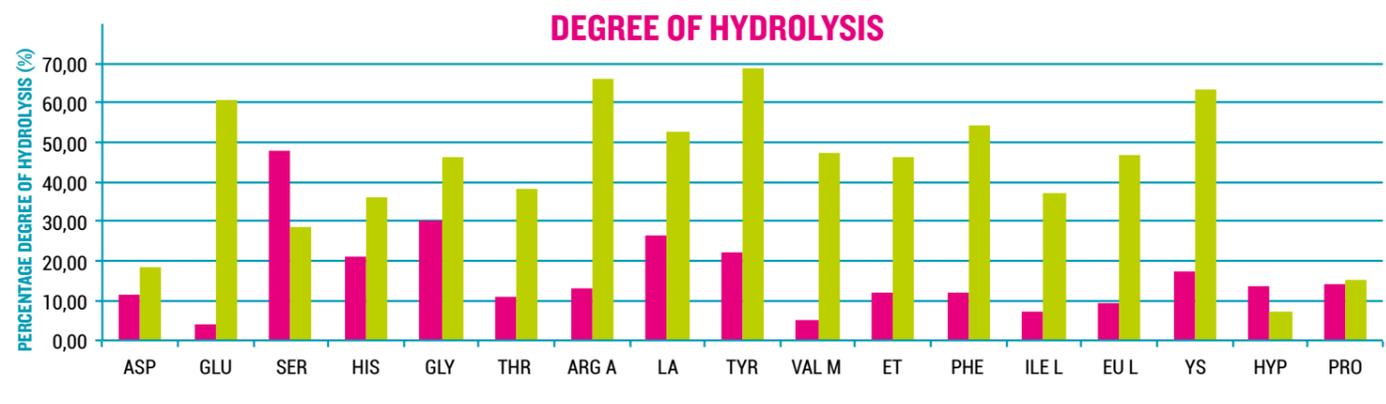
In general, it is recommended to carry out 2 to 4 regular applications throughout the crop cycle, at the following application rates:

FOLIAR APPLICATION:

Use 200 to 300 ml / 100 L of water (0.2 - 0.3%), wetting the whole plant well.

SOIL/ROOT APPLICATION:

4 to 6 L / Ha in the final part of the irrigation



IMPORTANT CHARACTERISTICS OF STYMBION



- **UNIQUE QUALITY** due to the exclusive formulation derived from the 100% enzymatic hydrolysis of collagen which is sourced from carefully selected raw materials.
- A very consistent formulation profile of **ONLY BIOACTIVE L-form amino acids**.
- **UNIVERSAL USE:** Can be applied on leaves or on soil and used on all crops in various stadia and for various crop objectives.
- **TRANSPARENT** amber-colored liquid reflecting its unique composition.
- **VERY EFFECTIVE AND SAFE** to use in any crop application (flowers, turf, agriculture crops) as it does not contain chloride, sodium or contaminants.
- **100% NATURAL PRODUCT:** Certified for use for organic production