



TARGET PLUS



**And hit
the mark**



+ safe



+ yield



+ quality



Produce more and produce healthy!

Each Agriges product is born in the rigor of scientific investigation, respecting the environment and the operator and it is the practical response to specific field problems. Agriges pays special attention to the new contaminants highlighted by different players in the food supply chain and in particular by the **GDO**, to find solutions that meet the needs of the entire supply chain, with the utmost attention to the protection of the environment. This is the core of the **Agriges Green Path** project, that aims to provide technical means to obtain abundant productions, which have little impact on the environment and are safe for human beings.



+ safe



+ sustainable



+ yield



+ quality



- chemistry



- pollution



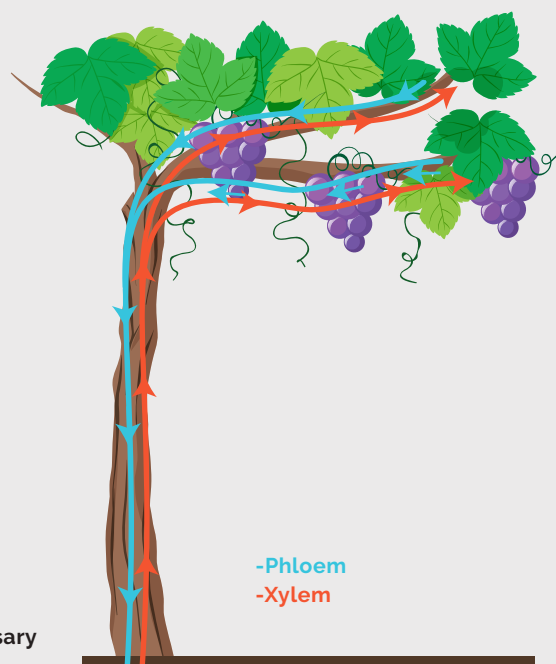
TARGET PLUS

Phytochemistry at the service of agriculture

Through phytochemical techniques, Agriges Research and Development Laboratories have been able to isolate and characterize the chemical structure and biological activity from the algal extracts that characterize Target Plus.

The extraction and production processes have also been optimized to concentrate the active molecules and maximize the effectiveness on the plant, so that the application of the product on the plant produces different effects:

- supports the plant in periods of increased susceptibility and stress;
- improves the well-being of the crop;
- activates the synthesis of signal compounds of endogenous responses to stress;
- promotes the activity of lymphatic vessels, improving the efficiency of the vascular system;
- stimulates different metabolic processes such as cell division and energy metabolism;
- induces the natural production of callose in the cells by improving the mechanical strength of the plant.

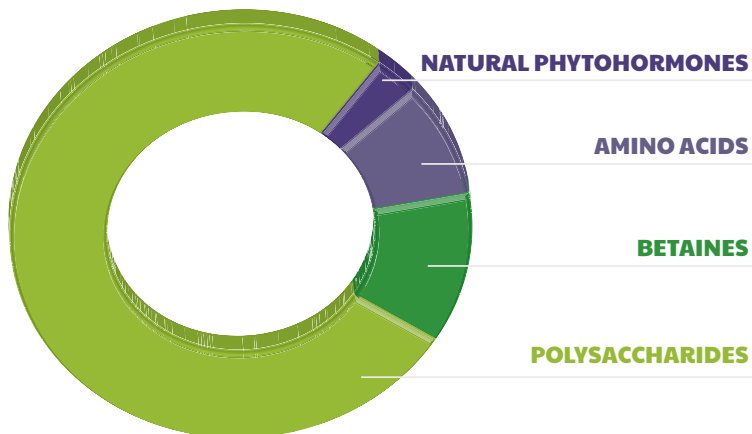


Proper functioning of the vascular system is a necessary condition for the growth of robust and healthy plants.

WHY TARGET PLUS?

Target Plus is an innovative concentrate of natural extracts with a high content of brown seaweed, particularly of the genus *Laminaria* spp.

The unique extraction process of the natural matrix of Target Plus has been optimised to obtain an effective formulation, rich in seaweed extracts including alginates, reserve carbohydrates, polysaccharides (glucans). The seaweed extracts in Target Plus act as signals for the plant to initiate the production of molecules actively involved in endogenous responses to stress. In particular, glucans, due to their unique chemical properties, confer greater mechanical resistance to cell walls.



WHAT IS TARGET PLUS

Premium natural components

POLYSACCHARIDES

Target Plus has a polysaccharide ratio ideal for fruit development. In particular, the presence of **mannitol** and **alginic acid** helps to improve the conveyance of nutrients in plants in relation to the chelating capacities of these substances. **Fucoxanthins** are particularly polysaccharides that contain sulfur and that contribute to improve the resistance of the plant to environmental stresses: salinity, drought, thermal excesses, etc.

CARRIER, BIOACTIVATING AND ANTI-STRESS ACTION

BETAINE

Betaines are cytoplasmic osmolytes that **protect the cell** against osmotic stress, drought, high temperatures and salinity. Compared to other types of osmolytes, betaines do not disturb normal cellular activities, allowing the plant to photosynthesize and protecting the cell from the effects of drought. In addition, betaines also have important effects on chlorophyll by slowing its degradation (Blunden et al. 1996a).

ANTI-STRESS ACTION AGAINST ABIOTIC FACTORS

AMINO ACIDS

They immediately enter the energy cycle providing energy with easy absorption. Amino acids have a **carrier action** and are fundamental for the water balance of the cell. In addition, they induce both qualitative and quantitative improvement in production.

CARRIER, BIOACTIVATING AND ANTI-STRESS ACTION + QUALITY

NATURAL PHYTOHORMONES (AUXINS, GIBBERELLINS AND CYTOKININS)

The specific ratio of natural phytohormones of Target Plus allows the product to stimulate and standardize **budding and flowering**. This ratio also induces plant growth (cell division and distension) and the development of the root system that improves responses to stress, such as root asphyxiation, drought, etc.

BUDDING, FLOWERING AND FRUITING UNIFORMITY

Composition

	p/p	p/v	
Organic Nitrogen (N)	1,5%	1,8%	Concentrated extract of seaweed (Laminaria spp.) * Growth factors, natural plant phytohormones * Amino acids, vitamins and trace elements * Resistance inducers, polysaccharides and betaines *
Organic Carbon (C)	10,0%	12,0%	
Organic substance with nominal molecular weight <50kDa	30%	36,0%	

* Not shown on the label.

Doses and instructions for use

Crops	Foliar application	Doses ml/hl
Tree crops	From budding to fruit ripening and in post-harvest	300-400
Horticultural crops	Throughout the production cycle	300-400
Industrial crops	Throughout the production cycle	300-400
Ornamental crops	Throughout the production cycle	300-400

The above doses are meant to be a merely indicative value and may vary in relation to the specificities of each area and cultivation conditions.

WARNINGS

If mixed with other products, it is advisable to carry out small preliminary tests to check compatibility, miscibility and possible varietal sensitivities. Do not mix with mineral oils or a mixtures of products with an alkaline reaction (e.g. polysulfides). Take care to wet the vegetation uniformly and to apply a minimum quantity of 3 litres of product per hectare.

Formulation

liquida soluble

Packages

1-5-10-20 L

Density

aprox. 1200kg/m³

pH

aprox. 9,7

Conductivity

aprox. 18,5 dS/m



Foliar application



Resistance inducer



Allowed in Organic Farming



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