

FITOSTIM[®]



NUTRITION

STRONG
BIOSTIMULANT
ACTION

RICH IN FREE AMINO ACIDS
AND POLYPEPTIDES



bioagricert^{INPUTS} ✓



COMPATIBLE WITH ORGANIC FARMING

FITOSTIM[®] BIOSTIMULANT ACTION

LIQUID BIOSTIMULANT

Specific action product

- Specific product to support optimal and complete development with the consequent productive load.
- It transports nutrients, helps crops in stressful, growth or metabolic conditions, balances nutrition, regulates hormonal functions.



CHARACTERISTICS

FITOSTIM[®] is a bio-stimulant consisting of amino acids, peptides and peptones, useful for growth, revitalisation, stimulation and optimisation of plant production metabolisms. Its transport through the cell walls is fast and targeted to the accumulation organs such as roots, vegetative apices, flowers, fruits and leaves. Once in the tissues it is transformed into important metabolites, essential for the plant's development (proteins, peptides, sugars, chlorophyll, enzymes, hormones). Among the accumulation sites, one of the most important is pollen, which benefits from its activity by increasing its own vitality. FITOSTIM[®] furthermore, by forming complexes with microelements, facilitates their transport within the plant.

bioagricert

- Application on the plant
- 1 kg/Ha Average dose

COMPOSITION

ORGANIC NITROGEN (N) Total of which 8% water soluble	8,0%
ORGANIC CARBON (C) of biological origin	25,2%
C/N RATIO	3,15
AVERAGE MOLECULAR weight of hydrolysates	< 2500 Dalton
Ratio: glycine / proline + hydroxyproline	1,1
Degree of hydrolysis on a dry basis	380
Free amino acids	15%

CLASSIFICATION

CLP	-
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FORMULATION

Brown liquid

PACKAGING

Bottle: kg 1
Tank: kg 5 kg 20 - kg 1100 (PAT)

MISCIBILITY AND WARNINGS

It can be phytotoxic if mixed with or if it immediately follows Copper based products for all tree plants, except olive trees, and for those herbaceous plants which are more sensitive to copper phytotoxicity. • Lightly shake the package before use. Read the label before use.

CROPS

APPLICATION PERIOD

DOSE

NOTES

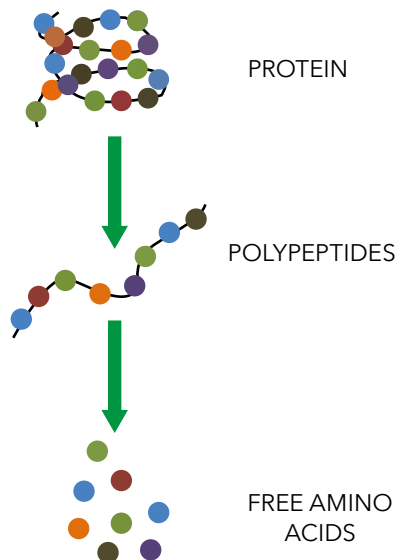
CROPS	APPLICATION PERIOD	DOSE	NOTES
VINE AND TABLE GRAPES	2-3 applications from when the active growth begins, every 15-30 days	1,0-1,5 kg/ha	RECOMMENDED SPRAYING VOLUMES: of 1000 l/ha for fruit trees and vegetables; 500 l/ Ha for cereals and industrial crops. FERTIGATION, as a synergist to mineral fertilizers: 5-10 kg/ha
APPLE AND PEAR TREES	3-4 applications starting from pre-flowering, every 20-30 days	1,5-2,0 kg/ha	
PEACH TREE, STONE FRUIT TREES	2-3 applications from when the FRUIT HAS SET, every 10-20 days	1,0-1,5 kg/ha	
ACTINIDIA (KIWI) AND FRUIT PLANTS IN GENERAL	2-3 applications from when the active growth begins to enlarged fruit	1,0-1,5 kg/ha	
OLIVE TREE	Apply during pre-flowering and drupe enlargement	2,5-3,0 kg/ha	
CITRUS	Apply during active growth, setting and veraison	1,5-3,0 kg/ha	
TABLE TOMATO, MELON, POTATO, STRAWBERRY, FRUITING VEGETABLES	2-3 applications starting from the first phases, repeating periodically every 10-15 days	1,0-2,0 kg/ha	
LETTUCE, ROCKET, LEAF VEGETABLES	Perform 1-3 applications from the initial phases, repeating periodically every 10-15 days	1,0-1,5 kg/ha	
INDUSTRIAL CROPS AND OLEAGINOUS CROPS	Apply during the phase of formation and accumulation of sugary / oleaginous substances	2,5-3,0 kg/ha	
CEREALS	Apply during the booting stage	3,0-4,0 kg/ha	
FLORICULTURE AND ORNAMENTAL PLANTS IN GENERAL	Apply from the initial stages up to the formation of the buds, repeating periodically every 15-20 days Do not apply with visible petals.	100-150 g/ha	



NUTRITION

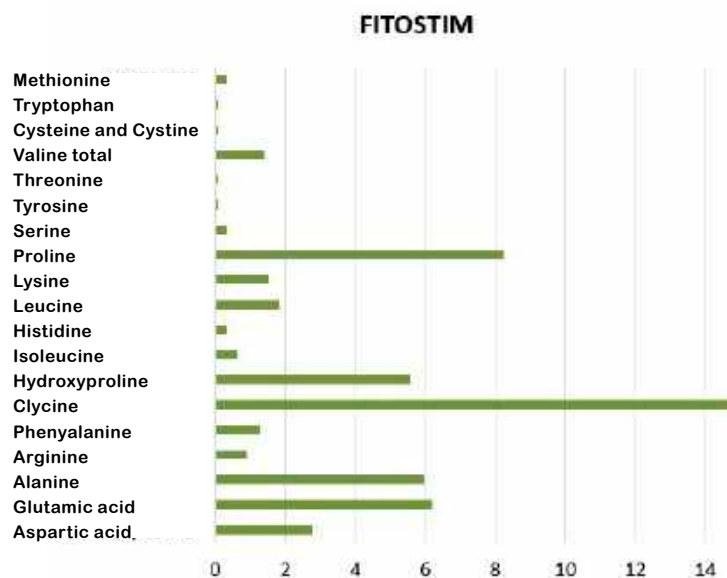
Protein hydrolysis process

The intensive protein hydrolysis process employed in the production of FITOSTIM® guarantees a large quantity of free amino acids and polypeptides

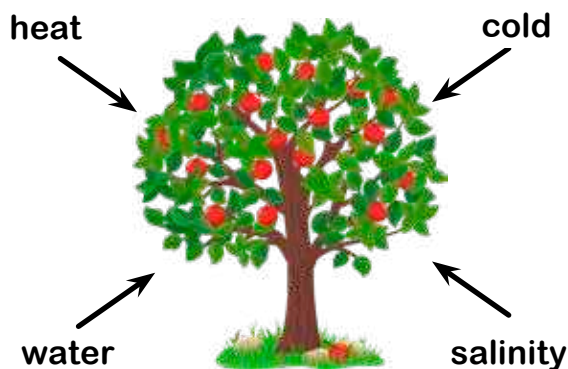


Composition of amino acids

The variety and abundance of amino acids FITOSTIM® is designed to maximise its biostimulant effect.



CAUSE OF STRESS



with FITOSTIM

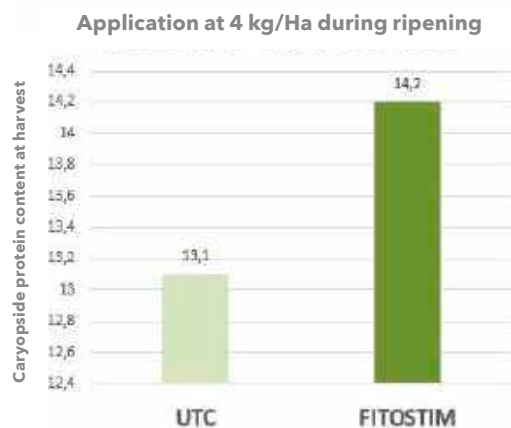


without FITOSTIM



Experience in wheat, North Italy area

results following application at 4 kg/ha during ripening





FITOSTIM[®]

Why is the use of biostimulants becoming increasingly important in agriculture?

The constant and unpredictable changes in environmental conditions are the principal factors limiting the growth of crops, and exert far-reaching effects on the health of plants and, hence, the quantity and quality of yields.

To limit the damage caused to plants by stress situations arising during the growing season, an efficacious response lies in the use of substances that promote or emphasize the plants' natural biochemical acclimatisation and stress-response processes.

Thus, biostimulants represent the most effective means of optimising our crop yields, irrespective of the cultivation system in use.

Try FITOSTIM[®] for optimised fertilisation in association with FRUTTAFLOR and foliar supplements

FRUTTAFLOR MINERAL FOLIAR FERTILISERS



	Azoto Totale	Azoto	Azoto	Azoto Ureico	Fosforo	Potassio	Boro	Ferro	Manganese	Zinco
	N%	NO ₃ %	NH ₄ %	%	P ₂ O ₅ %	K ₂ O%	B%	Fe%	Mn%	Zn%
START	27	4,00	4,00	19,0	7	14	0,01	0,2	0,1	0,01
20-20-20	20	6,00	4,00	10,0	20	20	0,01	0,2	0,1	0,01
PK	11	7,00	4,00	-	15	31	0,05	0,2	0,1	0,05

FOLIAR SUPPLEMENTS



	Magnesio Totale	Calcio	Boro	Ferro	Manganese	Zinco	Molibdeno	Rame	Agente Chelante	Formulazione
	MgO%	CaO%	B%	Fe%	Mn%	Zn%	Mo%	Cu%		
AXIBOR 110E	-	-	11,0	-	-	-	0,03	-	Ammine	Liquido
AXICaL SC	-	30	-	-	-	-	-	-	-	SC
AXIMaG	8	-	-	-	-	-	-	-	LSA	WDG
AXIMICRO SC	-	-	0,8	5	2	1	0,15	-	-	SC