

FITONATURA PIANTA-MAX



ANTISTRESS

FITONATURA PIANTA-MAX is an anti-stress product.

Its formula of 100% vegetal origin is obtained from enzymatic hydrolysis and contains a high percentage of free L-amino-acids and other organic, biologically-active components. **FITONATURA PIANTA-MAX** prevents and cures abiotic, thermal (low and high temperatures), water and salt stresses. The presence of glycine betaine (4%) helps the regulation of cellular firmness and reduces the formation of ROS (Reactive Oxygen Species), that develop inside cells in stress conditions.

FITONATURA PIANTA-MAX is a formula that has been studied to mitigate abiotic stresses during the entire crop cycle. In association with herbicides, it makes the active principle more assimilabile and facilitates the overcoming of stress due to the treatment.

FITONATURA PIANTA-MAX is compatible with most herbicides and pesticides commonly used in agriculture, with the exception of alkaline and mineral oils. For sensitive crops, make a preliminary test on a few plants before making extensive applications, in particular with copper salt mixtures or on plants with high copper residues.

Vegetables aminoacids

ORGANIC FERTILIZER

Antistress effect in foliar application

4% Glicin Betaine

COMPOSITION % w/w (equivalent to % w/v at 20°C)

Organic Nitrogen (N)	5% w/w	(7.5% w/v)
Organic Carbon (C)	20% w/w	(25% w/v)
Total aminoacids	20% w/w	(25% w/v)
Free aminoacids	12% w/w	(15% w/v)
Glycine betaines	4% w/w	(5% w/v)

PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C: 1.25 g/ml

pH (1% w/w aqueous solution at 20°C): 6.0 ± 0.5 u. pH

Electrical conductivity (1 g/l in deionized water at 20°C): 270 µS/cm

CROPS	APPLICATION RATES FOLIAR	STAGES AND RECOMMENDATIONS
FRUIT TREES	2 - 4 l/ha	Any stage. It is recommended using the lower rate to prevent stressing situations while the higher rate is suggested in presence of clear stress symptom.
GREENHOUSE HORTICULTURE	2 l/ha	
HORTICULTURE IN OPEN FIELD	2 - 3,5 l/ha	
WHEAT AND OTHER EXTENSIVE CROPS	2 - 3 l/ha	
NURSERIES, FLOWERS, ORNAMENTALS, AROMATIC AND OFFICIALIS PLANTS	2 - 2,5 l/ha	

Minimum dose for application: 1,25 kg/ha