ENA 19989

STIMULATES PLANT GROWTH
PROMOTES FLOWERING
IMPROVES FRUIT SET
ALLOWED IN ORGANIC FARMING

ENA 19989 is a bioactivator made of natural compounds that stimulate plants energy metabolism, with beneficial effects on all growth processes.
The AATC (N-acetyl-thiazolidine-4-carboxilic acid) content in the product in particular increases the amount of proline (an important counter-stress molecule) and cysteine (an efficient metabolic activator) in the plant tissues. This triggers the use of all plants' biochemical supplies, stimulating vital processes and helping to overcome critical development phases Throughout the whole crop cycle. Iron, molybdenum and most notably zinc are present in the formula. Iron and molybdenum influence the photosynthetic process and nitrogen's absorption respectively, while zinc enhances cellular growth and division. Ascophyllum nodosum seaweed derived alginates, carbohydrates and amino acids make ENA 19989 a formulation with a strong anti-stress activity.
When regularly applied from the early phases of the crop cycle, ENA 19989 facilitates a uniform sprouting, tissue elongation, abundant flowering and fruit set and a balanced fruit development. Thanks to its stimulating activity on cellular division and multiplication, ENA 19989 applications favour rachis' elongation on compacted bunch grape varieties.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Grapes	From inflorescence clearly visible to post-fruit set 2-3 applications every 10-15 days	0,5-1Kg
Kiwifruit	From pre-flowering to fruit about 20% of final size 2-3 applications every 10-15 days	0,5-1Kg
Stone fruits (Plum, Peach, Nectarine, Cherry), Pome fruits (Pear, Apple, Quince) e	From pre-flowering to fruit diameter up to 40 mm 3-4 applications every 10-12 days	0,5-1Kg
Olive e Citrus (Tangerine, Lemon, Clementine, Bergamot, Orange)	From vegetative restart to fruit enlargement 3-4 applications every 10-12 days	1Kg
Hazelnut e Walnut	From vegetative restart to fruit enlargement 3-4 applications every 10-12 days	0,5-1Kg
Strawberries	At post-transplanting, pre-flowering, flowering and post-fruit set	0,5-1Kg
Fruiting vegetables (Watermelon, Pumpkin, Zucchini, Tomato, Pepper, Melon, Eggplant, Cucumber)	From post-transplanting to flowering-fruit set 2-3 applications every 10-15 days.	0,5-1Kg
Leafy vegetables (Spinach, Celery, Escarole, Rocket, Radicchio, Lettuce, Chicory)	From post-transplanting or post-emergence 2-3 applications every 8-10 days	0,5-1Kg
Artichoke	From the emission of the flower heads 2-3 applications every 8-10 days	0,5-1Kg
Flowers and ornamentals	At transplanting and pre-flowering	0,5-1Kg

COMPOSITION	
Iron (Fe) soluble in water	0.50%
Iron (Fe) chelated by DTPA	0.50%
Molybdenum (Mo) soluble in water	0.30%
Zinc (Zn) soluble in water	2.00%

PHYSICO-CHEMICAL FEATURES	
LIQUID	
pH (sol 1%)	5.5
Conductivity E.C. µS/cm (1‰)	266
Density (g/cm^3)/Specific weight	1.20
METHOD OF USE	
	Foliar fertilization

PACKAGING: 1 KG

The choice of the dose is subordinated to various factors and can be varied when necessary. All applications can be repeated in relation to the different crop needs. You can contact our Technical Service for the correct application on specific soils and under specific climate conditions.