

## IMPROVES STRESS RESISTANCE ENHANCES PHOTOSYNTHESIS IMPROVES YIELDS

eK-Ion MAX is a 100% natural liquid biostimulant made exclusively from the fronds of Ecklonia maxima, a brown seaweed harvested in low-pollution areas. It contains approximately 30% seaweed extract, equivalent to a 3% dry matter content, and is produced through a low-temperature physical process that preserves the integrity and functionality of all its bioactive components. Key constituents include alginic acid, a polysaccharide with chelating properties that enhances the plant's ability to retain water and nutrients, boosting tolerance to water stress, as well as fucoidans and laminarins, bioactive molecules that stimulate the plant's natural defense mechanisms, increasing resilience to abiotic stress. Additionally, betaine acts as an osmoprotectant, regulating water balance and protecting plant cells from damage caused by adverse environmental conditions. eK-Ion MAX is characterized by a unique hormone-like profile, with an auxin-to-cytokinin ratio of 10:1, as confirmed by bioassays. This balance stimulates uniform growth, promoting root system development, improving nutrient uptake, and enhancing the plant's photosynthetic capacity. Altogether, these effects contribute to a significant increase in yield.

Fully approved for use in organic farming, eK-Ion MAX meets the highest sustainability standards, offering an innovative solution to enhance crop quality and resilience

CE BIOSTIMULANT CERTIFIED BY AGENCY CODE. NANDO 2832 WITH N° CERT.: DE.3762-3763

CROP	TIME OF APPLICATION	DOSE FOGLIARE*	FERTIGATION DOSE*
Fruiting vegetables (Pumpkin, Zucchini, Tomato, Pepper, Melon, Eggplant, Cucumber, Watermelon)	In the nursery: apply on the seedlings once a week for 2-3 times, soak the seedling tray in a 1: 100 solution before transplanting In the field: starting from 15 days after the transplanting, 2-4 applications at intervals of 15 days	200-300 g/hl	3-6 kg
Other vegetables (Leek, Fennel, Onion, Cauliflower, Cabbage, Carrot, Broccoli, Garlic)	In the nursery: apply on the seedlings once a week for 2-3 times, soak the seedling tray in a 1: 100 solution before transplanting In the field: starting from 15 days after the transplanting, 2-4 applications at intervals of 15 days	200-300 g/hl	3-6 kg
Leafy vegetables (Spinach, Celery, Escarole, Rocket, Radicchio, Lettuce, Chicory)	In the nursery: apply on the seedlings once a week for 2-3 times, soak the seedling tray in a 1: 100 solution before transplanting In the field: starting from 15 days after the transplanting, 2-4 applications at intervals of 15 days	200-300 g/hl	3-6 kg
Olive e Grapes	3 applications: buds of 5-10 cm, pre-flowering, grape/drupe of 4-6 mm diameter	300-400 g/hl	4-8 kg
Kiwifruit	3-4 applications: from pre-flowering, to be repeated every 15 days	300-400 g/hl	4-8 kg
Citrus (Tangerine, Lemon, Clementine, Bergamot, Orange)	3-4 applications: from pre-flowering, to be repeated every 10-14 days	300-400 g/hl	4-8 kg
Pome fruits (Quince, Apple, Pear)	Pre-flowering, petals' fall, fruit enlargement starting from 20 mm diameter: applications every 10-15 days	300-400 g/hl	4-8 kg
Stone fruits (Peach, Nectarine, Cherry, Apricot, Plum)	4-6 applications: from flowering to veraison (change of color), every 15 days	300-400 g/hl	4-8 kg
Strawberries	Soak the seedlings in a 1: 100 solution before transplanting From the beginning of flowering: 2-3 applications at intervals of 15-20 days	300-400 g/hl	4-8 kg
Nut fruits	From flowering of the female inflorescence: 3-5 applications every 15 days	300-400 g/hl	4-8 kg
Legumes (Bean, Lentil, Pea)	4 applications: 3 to 5 leaves, pre-flowering, full flowering and at pod's development	200-300 g/hl	3-6 kg
Small fruits (Raspberry, Blueberry, Blackberry, Currant)	From pre-flowering, 3-4 applications to be repeated every 7-10 days	200-300 g/hl	3-6 kg

COMPOSITION		PHYSICO-CHEMICAL FEATURES	
Carbon (C) of biological origin	1.00%	<b>LIQUID</b>	
		pH (sol 1%)	4.4
		Conductivity E.C. $\mu\text{S}/\text{cm}$ (1‰)	15
		Density ( $\text{g}/\text{cm}^3$ )/Specific weight	1 ( $\pm 0,05$ )

### PACKAGING: 5 KG

**NOTE:** The above doses refer to the use of spraying volumes of 1000 L/ha (Normal Volumes).

In the case of different volumes, for use with low-volume or volume recovery sprayers, where, for proper wetting of the vegetation, a smaller quantity of water than the Normal Volumes (VN) may be sufficient, it is suggested to refer to the dose of 200-400 gr per hectolitre (gr/hL).

\*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.\*