

eK-Algae MAX



eK-Algae MAX is an extract of the fronds of the *Ecklonia maxima* seaweed. The extract has biostimulant properties that make plants and crops more tolerant to environmental stress, particularly drought. EK-Algae MAX is produced only with fronds and at a controlled temperature. This process preserves all bioactive components such as polysaccharides, polyphenols and natural hormones. All these compounds act together to stimulate root growth which in turn improves the absorption of water and nutrients with beneficial effects on water and thermal stress. The applications of eK-Algae MAX both foliar and via fertigation protect crops from stress with positive effects on yield and product quality

CROP	TIME OF APPLICATION	DOSE FOGLIARE*	FERTIGATION DOSE*
Grapes	3 applications: buds of 5-10 cm, pre-flowering, grape of 4-6 mm diameter	3-4 kg	4-8 kg
Kiwifruit	3-4 applications: from pre-flowering, to be repeated every 15 days	3-4 kg	4-8 kg
Citrus (Tangerine, Lemon, Clementine, Bergamot, Orange)	3-4 applications: from pre-flowering, to be repeated every 10-14 days	3-4 kg	4-8 kg
Pome fruits (Quince, Apple, Pear)	Pre-flowering, petals' fall, fruit enlargement starting from 20 mm diameter: applications every 10-15 days	3-4 kg	4-8 kg
Stone fruits (Plum, Peach, Nectarine, Cherry, Apricot)	4-6 applications: from flowering to veraison (change of color), every 15 days	3-4 kg	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	3-4 kg	4-8 kg
Nut fruits	From flowering of the female inflorescence: 3-5 applications every 15 days	3-4 kg	4-8 kg
Fruiting vegetables (Watermelon, Pumpkin, Zucchini, Tomato, Pepper, Melon, Eggplant, Cucumber)	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	2-3 kg	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	2-3 kg	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	2-3 kg	3-6 kg
Legumes (Bean, Lentil, Pea)	4 applications: 3 to 5 leaves, pre-flowering, full flowering and at pod's development	2-3 kg	3-6 kg
Small fruits (Currant, Blackberry, Blueberry, Raspberry)	From pre-flowering, 3-4 applications to be repeated every 7-10 days	2-3 kg	3-6 kg

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

PACKAGING: 5 KG