

**ANTI-STRESS ACTIVITY**  
**BIOSTIMULATING ACTIVITY**  
**IMPROVES COLOUR AND SUGAR CONTENT**  
**ALLOWED IN ORGANIC FARMING**

RA.AN 13156 is a 100% brown (*Ascophyllum nodosum*) seaweed concentrate, obtained with a COLD EXTRACTION process and subsequent condensation of the extracted liquid. With this particular extracting process RA.AN 13156 preserves all the seaweed bioactive components (amino acids, carbohydrates, vitamins, hormone-like natural substances).

Regular RA.AN 13156 applications:

- Improve crop hormone balance and nutritional balance
- Improve photosynthetic efficiency for greater yield
- Enable a stronger balance between the vegetative and the reproductive phases
- Have a direct effect on fruit size and uniformity, impacting productivity
- Improve products' quality parameters (sugar content, colour, firmness, shelf-life)



Moreover, the high mannitol and betaines contents trigger crop resistance to biotic and abiotic adversities. Regular applications of RA.AN 13156 throughout the crop cycle improve qualitative and quantitative results.

Here the most important RA.AN 13156 components:

- Amino acids > 1,3 %
- Alginic acid > 10%
- Mannitol 4.7%
- Gibberellins and Cytokinins > 300 ppm

CROP	TIME OF APPLICATION	DOSE FOGLIARE*	FERTIGATION DOSE*
Kiwifruit e Grapes	Budding, inflorescence clearly visible, pre-flowering, fruit set, berry/fruit enlargement, veraison (change of color), post-harvest. Whenever it's necessary to overcome a stressful period.	0,5-1 kg	5-10 kg
Citrus (Orange, Bergamot, Clementine, Lemon, Tangerine)	Pre-flowering, post-fruit set, fruit enlargement, veraison (change of color). Whenever it's necessary to overcome a stressful period.	0,5-1 kg	5-10 kg
Stone fruits (Apricot, Cherry, Nectarine, Peach, Plum) e Pome fruits (Quince, Apple, Pear)	Budding, fruit enlargement, post-harvest. Whenever it's necessary to overcome a stressful period.	0,5-1 kg	5-10 kg
Hazelnut, Walnut e Olive	Pre-flowering, post-fruit set, fruit enlargement, post-harvest. Whenever it's necessary to overcome a stressful period.	0,5-1 kg	5-10 kg
Strawberries e Small fruits (Raspberry, Blueberry, Blackberry, Currant)	Post-transplanting/vegetative restart, pre- and post-flowering, veraison (change of color). Whenever it's necessary to overcome a stressful period.	0,5-1 kg	5-10 kg
Fruiting vegetables (Watermelon, Cucumber, Eggplant, Melon, Pepper, Tomato, Zucchini, Pumpkin)	Post-transplanting, pre- and post-flowering, pre-veraison (change of color). Whenever it's necessary to overcome a stressful period.	0,5-1 kg	5-10 kg
Leafy vegetables (Chicory, Lettuce, Radicchio, Rocket, Escarole, Celery, Spinach)	From 4th true leaf to pre-harvest, every two weeks. Whenever a prompt vegetative restart is required.	0,5-1 kg	5-10 kg
Industrial crops (Beets, Sugarcane, Rapeseed, Cotton, Sunflower, Industrial tomato, Soybeans, Tobacco)	At early vegetative phases. Whenever a prompt vegetative restart is required.	0,5-1 kg	5-10 kg
Flowers and ornamentals	After transplanting, every 2-3 weeks. From early vegetative phases to crop cycle completion.	0,5-1 kg	5-10 kg
Seedbeds e Nurseries	From early vegetative phases to crop cycle completion	0,5 kg	5 kg

COMPOSITION	
Total nitrogen (N)	1.00%
Organic nitrogen (N) soluble	1.00%
Carbon (C) of biological origin	20.00%
Potassium oxide (K <sub>2</sub> O) soluble in water	19.00%

PHYSICO-CHEMICAL FEATURES	
<b>FLAKES</b>	
pH (sol 1%)	9.40
Conductivity E.C. S/cm (1‰)	700
<b>METHOD OF USE</b>	
	Foliar fertilization
	Fertigation

**PACKAGING: 1 - 5 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.\*