# RA.AN 13156

Adriatica

## 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 | Aftert 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 ($K_2O$) soluble in water | 19.00% |

| PHYSICO-CHEMICAL FEATURES | | |
|---|---|---|
| **FLAKES** | | |
| pH (sol 1%) | | 9.4 |
| Conductivity E.C. µS/cm (1‰) | | 700 |
| METHOD OF USE | 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.*