

What is it?

ALGALIVDUO® is a biostimulant containing high concentrations of extracts of two laminariales seaweeds, *Laminaria digitata* and *Ecklonia maxima*, together with micronutrients complexed by the organic acids of the algae. This high level of concentration ensures that farmers receive the maximum effectiveness of the natural ingredients present in the formula. The algae contained in ALGALIVDUO® undergo a physical extraction process to ensure that all the functionalities of its components are maintained. The synergy of bioactives and micronutrients present in the ALGALIVDUO® formula favours post-stress metabolic processes and promotes growth, as well as a greater absorption of nutrients, in addition to promoting fruit development, increasing both yield and crop quality.

ALGALIVDUO GUARANTEED CONTENT

COMPOSITION	(%p/p)
(<i>Laminaria digitata</i>) extract	10,0
(<i>Ecklonia maxima</i>) extract	10,0
Water-soluble potassium (K)	3,0
Boron (B) water soluble	0,05
Water-soluble iron (Fe)	0,20
Manganese (Mn) water soluble	0,20
Water soluble Molybdenum (Mo)	0,05
Water soluble Zinc (Zn)	0,20

USER RECOMMENDATIONS

Although ALGALIVDUO® can be used throughout the entire crop cycle, it is specially designed to recover crops efficiently after stress. ALGALIVDUO® can be applied by foliar spraying or irrigation. ALGALIVDUO® is compatible with most phytosanitary and nutritional products, it can be mixed with Ca or Mg based products.

Dosage

CROPS	DOSAGE (L/ha)	DOSAGE (ml/ht)	APPLICATION
Fruiting vegetables	1-2	100-150	from 4-5 leaves every 15 - 20 days
Leafy vegetables	1-2	100-150	Apply from 15 days after transplanting
Root vegetables	2-4	150-250	At 30 and 60 days post-emergency
Vine, Kiwi	2-3	150-250	In sprouting and post fruit set
Fruit trees	2-4	150-300	Every 15-20 days from sprouting
Small fruits Berries	2-4	100-200	Apply from the beginning of sprouting
Tropical crops	2-4	150-300	3-4 applications during the whole cycle
Extensive Crops	2	100-150	Throughout the cycle
Ornamental	1-2	100	Throughout the cycle
Hydroponic cultivation	1-2 l/ha		Apply throughout the cycle in the nutrient solution



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AlgalivDuo®

PROMOTES FRUIT DEVELOPMENT
AND FACILITATES POST-STRESS RECOVERY



IMPROVES OSMOREGULATION
AND PROMOTES RAPID
POST-STRESS RECOVERY

STIMULATES FLOWERING
AND FRUITING

PROVIDES NUTRIENTS, ANTIOXIDANTS AND PHYTOHORMONES
IMPROVING FRUIT DEVELOPMENT



What does it do?

ALGALIVDUO® improves post-stress metabolic processes, increasing both yield and crop quality. Its balanced combination of extracts and nutrients provides plants with the ideal composition of plant hormones, mannitol, laminarin, vitamins and nutrients, facilitating recovery after stress and high energy demands. In addition, ALGALIVDUO® ensures more uniform fruit size and optimal ripening for higher yields.

Laminaria digitata

This species of algae thrives at depths of up to 10 metres. Known for its rich essential nutrients, including iodine, potassium, calcium, silicon and iron, it is vital for healthy plant growth. It also provides antioxidants and natural phytohormones. High concentrations of mannitol, laminarin and alginic acid improve soil water retention, increase microbial activity and soil structure, creating a favourable environment for plant recovery.

Ecklonia maxima

Found at depths of 3 to 25 metres, this algae is a powerhouse of bioactive compounds, including antioxidants, vitamins, minerals, polysaccharides and phytohormones. It effectively counteracts abiotic stresses such as drought and temperature extremes. *Ecklonia maxima* revitalises root systems, resulting in increased nutrient and water uptake from the soil, which promotes vigorous recovery and higher yields. It also favours flowering and fruiting, ensuring quality and quantity even in challenging conditions.

What is it for?

The synergistic effect of ALGALIVDUO® has proven to be effective in treating crop stress and increasing crop yields.

✓ POST-STRESS

Environmental Stress: It helps plants to cope with environmental stresses such as drought, heat, cold or salinity.

Post-transplant: It is effective for post-transplant treatment, improving the survival rate.

Nutrient Deficiency: Improves nutrient uptake and utilisation, helping to overcome nutrient deficiencies in plants.

Low Yields: Effective in increasing crop yields by improving flowering, fruiting and overall plant productivity.

✓ GROWTH

Stagnant Growth: Promotes vigorous plant growth, reducing the incidence of stunted or underdeveloped plants.

Poor root development: Stimulates root growth, improving root system development and overall plant stability.

Soil Health: It contributes to soil health and can improve poor or degraded soils by acting on soil structure and enhancing microbial activity.

✓ FRUIT DEVELOPMENT

Irregular Crop Size: Contributes to a more uniform size of fruit or vegetables, improving marketability and overall crop quality.

Early Flowering and Early Fruiting: Promotes earlier flowering and fruiting, which can result in extended harvesting periods.

AlgalivDuo's in practice: Field Trials

Recovery from abiotic stress in oilseed rape

- Control
- ALGALIVDUO®
- Seaweed extract

