

uniflower[®]

BIOPROMOTER OF FLOWERING AND FRUIT SETTING



With brown seaweed & vegetal amino acids

NUTRITIONAL SPECIALTY



PROMOTES FLOWERING AND FRUIT SET PROCESSES

UNIFORMS BUD BREAKING BY REDUCING APICAL DOMINANCE

INCREASES RESISTANCE VS THERMAL AND ENVIRONMENTAL STRESS

IMPROVES YIELD AND QUALITY OF FINAL PRODUCTION

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NUTRITIONAL SPECIALTIES





NET WEIGHT
5.7 kg (5 L)

NET WEIGHT
1.14 kg (1 L)

COMPOSITION

Total Nitrogen (N)	1.5%
Organic Nitrogen	1.0%
Ammoniacal Nitrogen	0.5%
Phosphorus pentoxide (P ₂ O ₅) ws	0.5%
Potassium oxide (K ₂ O) ws	3.5%
Free amino acids	3.0%
Alginic acid	2.5%
Mannitol	5.7 g/l
Organic Carbon (C)	9.8%

PHYSICAL-CHEMICAL PARAMETERS

pH (1%): 8.5 ±0.5
Density (g/ml): 1.14
Aspect: black liquid

COMPATIBILITY

The product has no restriction on the mixture with other formulations, except with products based on sulphur, mineral oils and/or very acidic ones. A test in small-scale is generally advisable. Store at a temperature between 5°C and 35°C in the original packaging, away from moisture and direct exposure to sunlight. **It is recommended to shake well the product before use.**

CHARACTERISTICS

UNIFLOWER is a biostimulant based on fresh *Ascophyllum nodosum* extract obtained through a mild process and natural amino acids from vegetal sources obtained by enzymatic hydrolysis. The specific process technology keeps all organic components in their natural form (mannitol, alginates, betaines, enzymes, natural hormones, etc.) by fully preserving their positive action on plant physiology.

From agronomical side UNIFLOWER allows:

- to optimize flower differentiation and fruit setting by promoting cell division and synthesis of primary metabolites;
- to reduce environmental stress such as adverse temperature, water and nutritives unbalancement;
- to promote and uniform bud breaking by reducing apical dominance on canes (e.g. vine, berry, kiwifruit, etc.);
- to increase marketable yield and fruit quality.

Furthermore, after transplanting UNIFLOWER can be used also by fertigation to promote roots growth and seedling planting.

DOSAGE BY CROP

UNIFLOWER can be used on any type of crop, through foliar application or irrigation system.

FOLIAR APPLICATION

CROP	PERIOD	DOSAGE/100 L*
Fruit trees, citrus, olive	From pre-flowering to fruit set, 2-3 applications at 7-10 days apart	150 – 300 ml
Table and wine grape, kiwifruit	"Wool" bud stage, 1-2 applications at 5-7 days apart	300 – 400 ml
	From pre-flowering to fruit set, 2-3 applications at 7-10 days apart	200 – 300 ml
Cereals (wheat, maize, rice, etc.)	Tillering (wheat, rice, etc.) or V4-V6 (maize), repeat at pre-flowering, also in combination with plant protection treatments	2 – 3 L/ha
Vegetables and broadacre crops	From early to central crop stages, 2-3 applications at 7-10 days apart	150 – 300 ml
Greenhouse crops (tomato, pepper, cucurbits, etc.)	From pre-flowering to fruit set, applications at 6-7 days apart	100 – 200 ml
Flower, ornamental crops	Since flower bud visible 1-2 applications at 6-7 days apart	100 – 200 ml

*Advisable a volume of water /ha enough to thoroughly wet the canopy to the point of "run-off".

FERTIGATION

From transplanting or vegetative reawakening 3 – 5 L/ha, 2 – 3 applications at 10-14 days apart.



Read more

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