OSMOPLUS GP

BIOPROMOTER OF METABOLISM AND FLOWERING



Allowed in organic farming

STRENGTHS

- REACTIVATES RAPID VEGETATIVE RECOVERY IMMEDIATELY AFTER ABIOTIC STRESSES (FROST, HAIL, DROUGHT, ETC.)
- SPEEDS UP THE ABSORPTION OF HERBICIDES, FUNGICIDES, INSECTICIDES AND FERTILISERS **(CARRIER EFFECT)**
- PROMOTES FRUIT FILLING AND VEGETATIVE/PRODUCTIVE DEVELOPMENT
- SPEEDS UP FRUIT SET AND INCREASES THE NUMBER OF ATTACHED FRUITS
- ENABLES MORE ELONGATED BUNCHES TO BE OBTAINED ON TABLE GRAPES AND TOMATOES IN BUNCHES

PACKAGE

Bottles 1 L (12x1)
Jerrycans 5 L (4x5)



FEATURES

OSMOPLUS GP a specific **Fertenia Biopromoter** designed to support crops under environmental stress conditions and stimulate flowering and fruit set. In the presence of high temperatures, water deficit, salinity ... the plant reduces photosynthetic activity, carbohydrate synthesis, pollen vitality and pollen tube development, resulting in production decreases.

The special formulation based on **Folic Acid, Trehalose, Glycine Betaine, Glutathione** and plant extracts improves the plant's ability to overcome abiotic stresses during the most sensitive stages of the crop cycle, particularly during flowering and fruit set.

OSMOPLUS GP acts on these processes thanks to its specific constituents:

- **Folic Acid**: involved in protein synthesis and essential in cell division processes, it contributes to vegetative development and chlorophyll synthesis.
- **Trehalose:** disaccharide with Osmo-protective action. It contributes to tolerance to abiotic stresses and to the regulation of the plant's energy balance.
- **Glycine Betaine:** Improves tolerance to abiotic stresses, with positive effects on photosynthetic efficiency and water use.
- **Glutathione:** powerful antioxidant with detoxifying function, supports cellular activity and promotes vegetative recovery and production quality.

DOSES AND METHODS OF USE	
CROPS	FOLIAR APPLICATION
Vegetable and industrial crops (greenhouse and open field)	2-4 applications, from pre-flowering to fruit growth: 100–150 ml/hl
Fruit crops, tropical crops, (mango, avocado ...) **Nut crops** (walnuts, hazelnut and chestnut), **Olive, Citrus, Actinidia**	2-4 applications, from pre-flowering to fruit growth: 150–200 ml/hl
Table and wine grapevine (to reduce millerandage)	2-4 applications, from pre-flowering to fruit growth: 150–200 ml/hl
Strawberries and small fruits (blackberries, raspberries, blueberry ...)	2-4 applications, from pre-flowering to fruit growth: 100–150 ml/hl
CROPS	**FERTIGATION**
Vegetable and industrial crops	2-3 L/ha in post-transplant
Greenhouse crops	200-300 ml/1000 m² in post-transplant

Miscibility: Compatible with other formulations - Carry out preliminary compatibility tests only with copper and sulfur.
The doses refer to applications with normal water volume.
To be used only in case of recognized need. Do not exceed application doses.

THE EXPERT RECOMMENDS

OSMOPLUS GP + SUPER STIM — 100 + 80/100 ml/hl

OSMOPLUS GP + STIMOLO® — 50+ 200 ml/hl

OSMOPLUS GP + ALLEGO® BIO POWERFUL — 200 + 150 ml/hl

COMPOSITION	
Total Nitrogen (N)	2,0 %
Organic Nitrogen (N_{org}) from vinasse, **algae and betaines**	2,0 %
Organic Carbon (C_{org})	3,0 %
Dry matter	50 %
Boron (B) oxyacid, water-soluble	0,2 %
C_{org}/N ratio	1,5



FORMULATION

OSMOPLUS GP is a liquid product rich in plant extracts and bioactive molecules.

CHEMICAL-PHYSICAL PROPERTIES

Formulation: **liquid** - Density: **1.18**
pH, 1% solution: **8.5 ± 1**