



# IDROGRENA PLUS

Eco-organic liquid biostimulant



## ORGANIC POLYAMINES

2-Phenylethylamine (2-PHE) 7 mg/kg  
Spermine 23 mg/kg

Total nitrogen (N) 6%

## MESO AND MICRO ELEMENTS

Boron (B) 28.4 mg/kg  
Calcium (Ca) 76 mg/kg  
Iron (Fe) 160 mg/kg  
Magnesium (Mg) 2.3 mg/kg  
Manganese (Mn) 0.29 mg/kg  
Molybdenum (Mo) 0.04 mg/kg  
Copper (Cu) 19 mg/kg  
Zinc (Zn) 39,8 mg/kg

## FEATURES

IDROGRENA PLUS is a fluid biostimulant with increased content of polyamines (2-PHE and Spermine) and added urea. The effectiveness of the product is given by the rapid availability of the natural compounds which can be immediately absorbed by the plant as well as by useful microorganisms in the soil. IDROGRENA PLUS is therefore considered ideal for use in foliar and irrigation applications (e.g. drip irrigation). The amines, once in contact with the roots, promote cellular reproduction and the issue of numerous secondary roots. The distillation process makes it free of salts and creates no phytotoxicity. IDROGRENA PLUS allows to perform many small applications to continuously encourage sustained and balanced nutrition throughout the productive time of the plant.

If IDROGRENA PLUS is used preventively, it stimulates the immune system of plants, with an anti-parasitic effect. This curative effect of IDROGRENA PLUS is also expressed in a greater production of phytoalexins by the plant itself, making for a quick response against the attack of pathogens.

Polyamines in IDROGRENA PLUS perform key roles, including but not limited to:

- resistance to stress in transplanting, drought and water stress, and in the event of adverse climatic conditions (frost, hail), radical asphyxia, and weeding;
- increase of the Brix (°Bx) Grade - indeed, polyamines have been acknowledged as modulators of various "channel" receptors, such as that of potassium;
- encouraging pollinator insects (bees, butterflies, moths, beetles) to approach the plants.

When used as a carrier in weeding, IDROGRENA speeds up the process and allows for better control of the most resistant species, in particular Persian speedwell (*Veronica persica*), *Plantago* spp.

**Specific weight:** 1032 g/l

**Color:** cloudy

**Density:** watery fluid

**Packaging available:** 5 lt - 25 lt - 200 lt - 1000 lt

***Idrogrena, activates the micro-organisms in the soil. It is ideal in drip-irrigation or, where the system is not in place, in foliar application.***

### Recommended for:

Drought and water stress  
Frost protection  
Improving the wellbeing of plants























### CROP

### APPLICATION\*

### TIMING\*

### DOSAGE/HA\*

CROP	APPLICATION*	TIMING*	DOSAGE/HA*
Vineyards	✓  	pre-flowering to harvest every 20 days (min. 3 applications)	25 L/ha [diluted in 1000 liters of water]
Orchards (pome fruits, stone fruits, citrus fruits etc.)	✓  	pre-flowering to harvest every 20 days (min. 3 applications)	25 L/ha [diluted in 1000 liters of water]
Olive groves	✓  	pre-flowering to harvest every 20 days (min. 3 applications)	25 L/ha [diluted in 1000 liters of water]
Greenhouse vegetable crops	✓  	pre-flowering through the entire production cycle	2 L/100 L water (2.5% dosatron)
Open field vegetable and industrial crops	✓  	pre-flowering through the entire production cycle	2 L/100 L water (2.5% dosatron)
Soft fruits (blueberries, raspberries, currants)	✓  	pre-flowering through the entire production cycle	2 L/100 L water (2.5% dosatron)
Strawberries	✓  	pre-flowering through the entire production cycle	25 L/ha [diluted in 1000 liters of water]
Soilless crops: strawberry, tomato	✓  	pre-flowering through the entire production cycle weekly applications	5-10 L/ha
Extensively managed crops and oilseed crops	✓  	pre-flowering through the entire production cycle	15 L/ha
Corn, rice and grain cereals	✓  	pre-flowering through the entire production cycle	15 L/ha

\* guidelines only, for the correct use of our products, please consult a specialist.