



IDROGRENA

**Eco-organic liquid biostimulant
Permitted in organic farming**



ORGANIC POLYAMINES

2-Phenethylamine (2-PHE)	2,4 mg/kg
Spermine	3,6 mg/kg

COMPOSITION

Total Nitrogen (N)	3%
Organic Nitrogen (N)	3%

FEATURES

IDROGRENA is a fluid organic biostimulant with polyamines (2-PHE and Spermine). The effectiveness of the product is given by the rapid availability of organic compounds which can be immediately absorbed by the plant as well as by the useful microorganisms at root level. IDROGRENA is therefore considered ideal for use in foliar and irrigation applications (e.g. drip irrigation). The distillation process makes it free of salts and creates no phytotoxicity. IDROGRENA allows to perform many small applications to continuously encourage sustained and balanced nutrition throughout the productive time of the plant.

Thanks to the properties of the amines contained within, the use of IDROGRENA aids in: stimulating the proliferation of roots. The amines, once in contact with the roots, promote cellular reproduction and the issue of numerous secondary roots, incrementing the micro-flora surrounding the roots. The amines contribute to the proliferation of the microorganisms, improving the fertility of the soil, increasing the availability of nutrients. When the microorganisms absorb the amines, the availability of nutritious elements in the soil augments and the growth of the crops improves as a result.

If IDROGRENA is used preventively, it stimulates the immune system of plants, with an anti-parasitic effect. This curative effect of IDROGRENA is also expressed in a greater production of phytoalexins by the plant itself, making for a quick response against the attack of pathogens, leading to an increase of the Brix (°Bx) Grade of the final fruit.

Color: brown caramel

Density: watery fluid

Packaging available: 500ml – 1lt – 5lt – 25lt – 200lt – 1000lt

Recommended for:

Improving the wellbeing of plants

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]

* guidelines only, for the correct use of our products, please consult a specialist. Not to be applied to edible parts of the crop