

# IDROGRENA Universal

ORGANIC LIQUID NITROGEN



IDROGRENA is an organic liquid fertilizer rich in **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 polyamines, 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 ensures a constant and balanced biostimulation of crops for all the vegetative-productive arc, stimulating the plant immune system with a higher production of phytoalexin by the plant.

Polyamines in IDROGRENA perform key roles, including **anti-stress effects**:

- post transplant,
- water,
- radical asphyxia,
- environmental adversity (frost and hail),
- increase of the Brix (°Bx).

*IDROGRENA is recommended for water anti-stress, carrier in protective treatments in soilless crops*

**FREE FROM PHOSPHITES, HEAVY METALS AND CHROMIUM VI**

**SOURCE**  
Polyamine liquid extract

**SPECIFIC WEIGHT:** 1.032 g/l

**Density:** watery fluid  
**Colour:** brown

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



## ORGANIC POLYAMINES

6.6 mg/kg

## MESO- AND MICRO-ELEMENTS NATURALLY PRESENT IN THE LIQUID MATRIX

Boron (B)	0.1 mg/kg
Calcium (Ca)	24.2 mg/kg
Iron (Fe)	22.5 mg/kg
Magnesium (Mg)	4.9 mg/kg
Manganese (Mn)	0.1 mg/kg
Copper (Cu)	0.1 mg/kg
Zinc (Zn)	1.5 mg/kg

**IDROGRENA used as a carrier in weeding anticipates the times and allows better final control of the most resistant species.**

CROP	TIMING*	DOSAGE/HA per application*
Vineyards, olive groves and orchards	pre-flowering to harvest every 20 days (min. 3/4 applications)	5-6 L/ha 10-12 L/ha
Strawberries, soft fruits etc.	pre-flowering throughout the entire production cycle	5-6 L/ha 10-12 L/ha
Open field crops	pre-flowering throughout the entire production cycle	5-6 L/ha 10-12 L/ha
Straw cereals	pre-flowering throughout the entire production cycle	5-6 L/ha 10-12 L/ha
Greenhouse vegetable crops	pre-flowering throughout the entire production cycle	5-6 L/ha 10-12 L/ha
Hydroponic and substrate cultures	pre-flowering throughout the entire production cycle	10-12 L/ha

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