

# IDRO K GRENA



## ORGANO-MINERAL LIQUID FERTILIZER WITH NATURAL BIOSTIMULANT POLYAMINES



IDRO K GRENA has high mixability,  
with 7% of potassium and helps  
for flowering and ripening

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

### SOURCE

Polyamine liquid extract  
and potassium

**SPECIFIC WEIGHT:** 1.12 g/l

**Density:** watery fluid  
**Colour:** cloudy

**Packaging available:**

1 L - 5 L - 25 L - 200 L - 1000 L



### ORGANIC POLYAMINES

11 mg/kg

### COMPOSITION

Total nitrogen (N)	3%
Potassium oxide (K <sub>2</sub> O) soluble in water with low chlorine content	7%

### 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

IDRO K GRENA is a product that combines the biostimulating properties of polyamines along with the nutritional properties of Potassium. As the use of Potassium is allowed in Organic Agriculture, therefore applications of IDRO K GRENA is possible on all crops whether in conventional or organic farming.

**Polyamines play an important role within the plant in different stages such as: cell multiplication, growth, flowering and fruit ripening.**

Potassium plays a primary role in the formation of proteins and blooming, while during the maturation processes it increase the fruit quality, taste, colour and consistency of the fruit texture.

**Polyamines together with Potassium are considered to be important in the plant responses against environmental stress.**

For these reasons IDRO K GRENA can be introduced as an important product that can be used in many phenological phases in addition to its assistance to the plant in the osmoregulation of stomata.

Last but not least role of IDRO K GRENA is to enhance the translocation of assimilated sugars between the plant organs. The effectiveness of the product is linked to the rapid availability of the organic compounds that they can be immediately absorbed by the plant.

IDRO K GRENA is more effective in foliar applications but it can be used in fertigation as well.

CROP	TIMING*	DOSAGE/HA per application*
Vineyards	flowering to early veraison (2/4 treatments)	5 L/ha
Olive groves	flowering and hardening of the core (2 treatments)	5 L/ha
Orchards (pome fruits, stone fruits, citrus fruits etc.)	start of veraison to ripening (2/4 treatments)	5 L/ha
Strawberries, soft fruits etc.	from fruit setting to ripening (every 10 days)	3-5 L/ha
Greenhouse vegetable crops	from mid-cycle to maturation (every 10 days)	3 L/ha
Open field crops	from mid-cycle to maturation (every 4/5 days)	5 L/ha
Cereal crops	from mid-cycle to maturation (1/2 treatment)	8 L/ha

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