

# IDROGrena

BIOSTIMULANT ANTISTRESS

PERMITTED  
IN ORGANIC  
FARMING

BIO

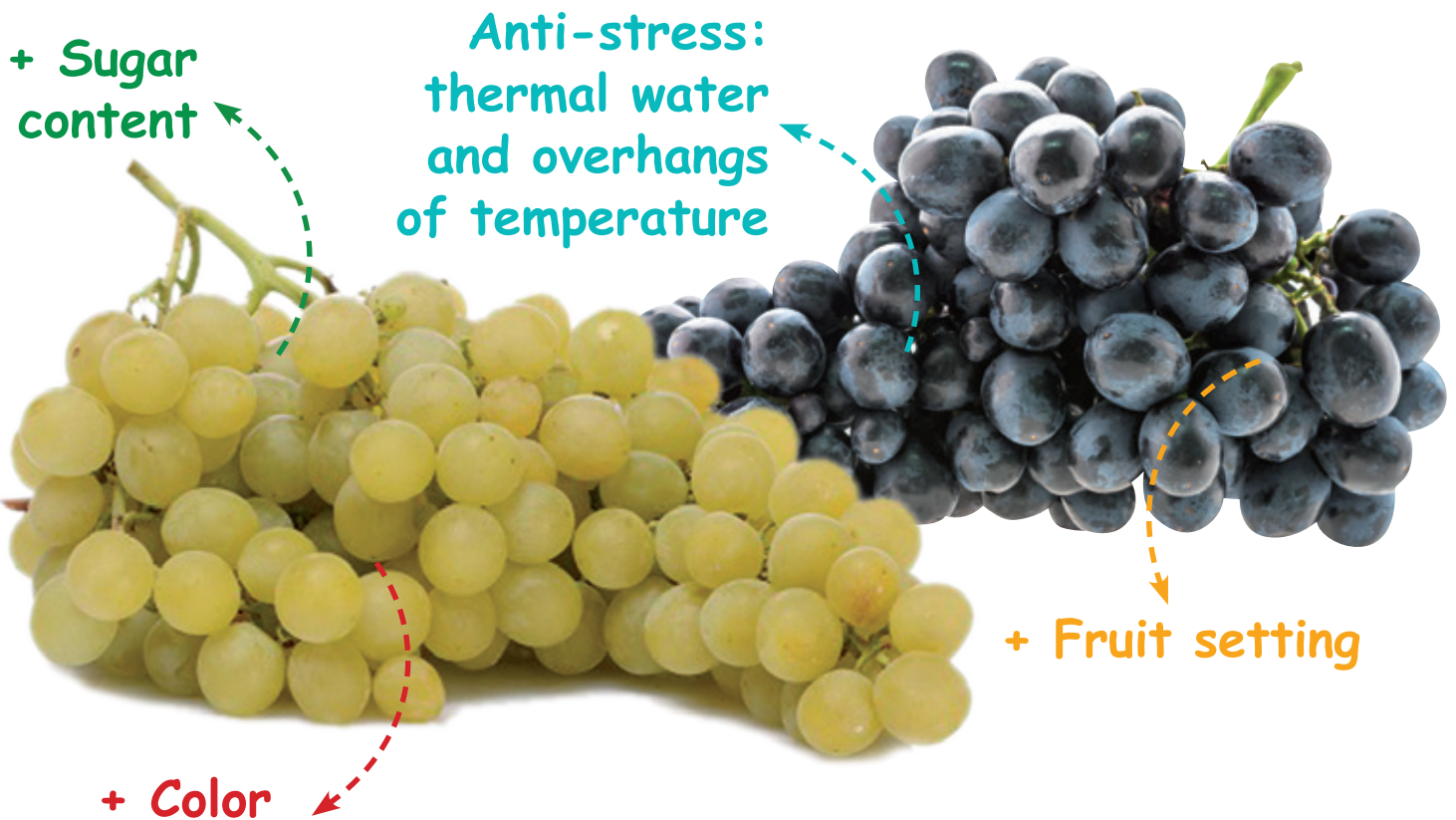


S.P. Porcilana, località Gumiero  
37047 SAN BONIFACIO (VR)  
Tel. +39 045 7610100  
Fax. +39 045 7610636  
[grena@grena.com](mailto:grena@grena.com)



[www.grena.com](http://www.grena.com)

# IMPROVE YOUR HARVEST



## IDROGREN A IS A LIQUID ORGANIC BIOSTIMULANT *ECO Friendly*

### ORGANIC POLYAMINES

2- Phenylethylamine (2-PHE) 2,4 mg/kg

Spermine 3,6 mg/kg

Eco-organic liquid biostimoulant

SPECIFIC WEIGHT: 1.032

Color: cloudy

Density: watery fluid

PERMITTED  
IN ORGANIC  
FARMING



### RADICAL PROLIFERATION

The biostimulant qualities of Idrogrena increase radical proliferation.



ROOT OF A  
CONVENTIONALLY  
FERTILIZED PLANT



ROOT OF A PLANT  
TREATED WITH GRENA  
BIOSTIMULANTS




## A HELP FOR THE

## FLOWERING

Polyamines play a role in the proper development of the flower, favoring the process of cell division.

### THE DOSES RECOMMENDED ARE

Application	Doses per hectare*
From before flowering until the time of collected, every 15/20 days (min. 4-5 applications)	6 l/ha 




## A HELP FOR THE

## ALLEGION

Idrogrena ensures a constant and balanced nutrition throughout the vegetative-productive arc.

### THE DOSES RECOMMENDED ARE

Application	Doses per hectare*
From before flowering until the time of collected, every 15/20 days (min. 4-5 applications)	6 l/ha 



## HIGH MIXABILITY

Idrogrena is compatible with defense plans.  
(Test performed by: ALSIA / Agrobios Metapontum Test Center - 2018)

### THE DOSES RECOMMENDED ARE

Application	Doses per hectare*
For any defense treatment	6 l/ha



\*The aforementioned doses are indicative. For the correct use of the products, consult the Technician. Idrogrena is active with immediate effect.

# PHYSIOLOGICAL EFFECTS OF IDROGRENA

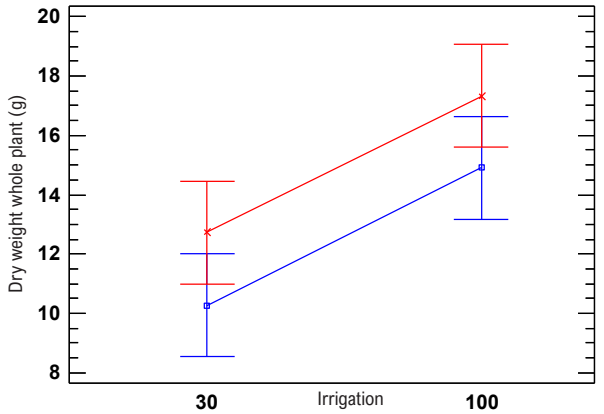
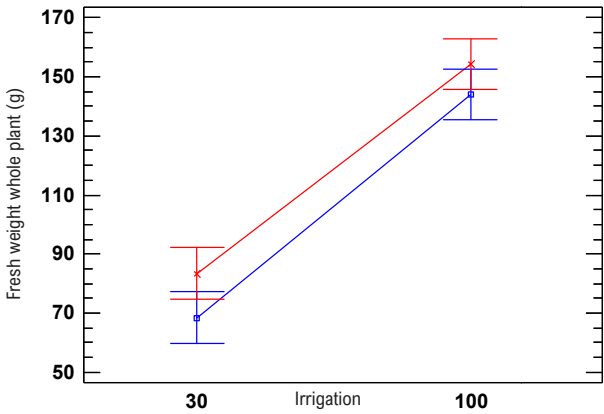
For the fresh weight and dry weight parameter, the water return factor has a significant improvement effect.

WITH WATER 0  
WITH IDROGRENA 12,5

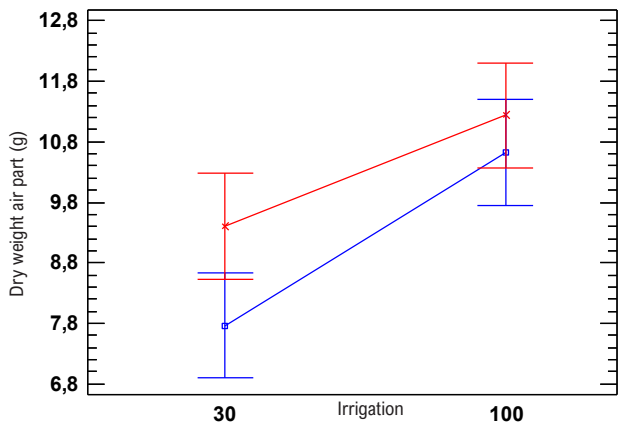
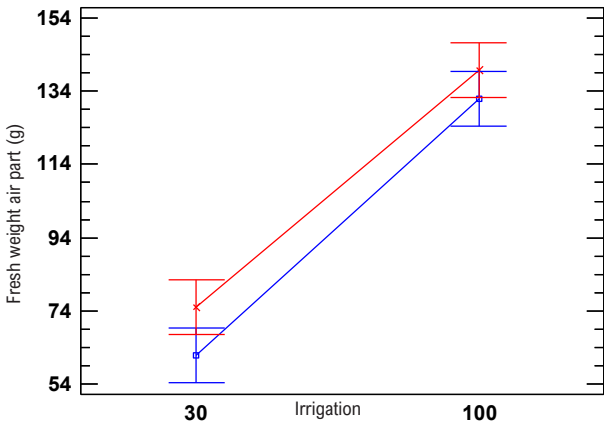
FRESH WEIGHT

DRY WEIGHT

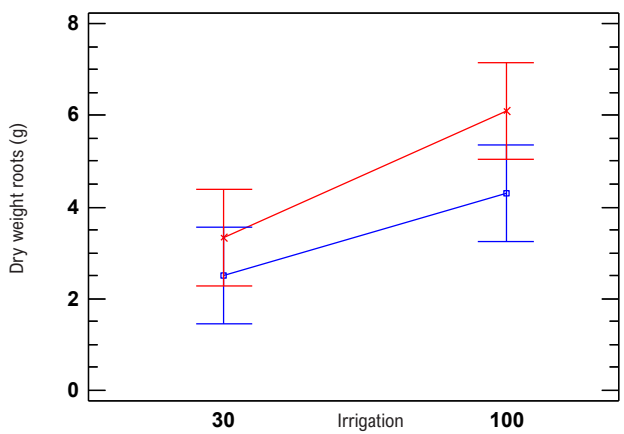
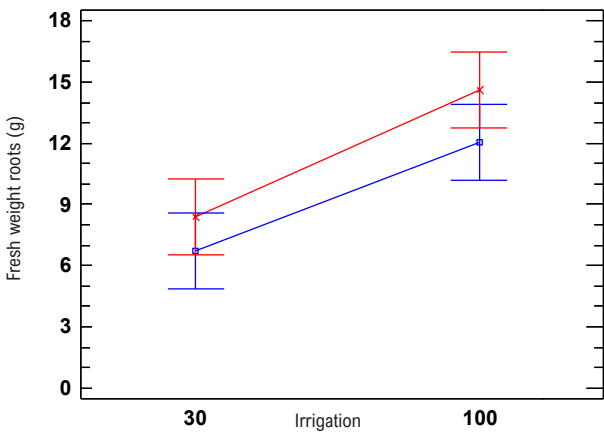
WHOLE PLANT



AIR PART



ROOTS





# IDROGRENA IS A BIOSTIMULANT ANTI-STRESS *ECO Friendly*

The natural polyamines present increase resistance to stress: **drought stress, water stress and especially in soils with high levels of salinity.**



It is excellent for use in post-transplantation and in case of adverse weather conditions (radical asphyxia, weeding, frost and hail).

Amino acids also have antioxidant effects with an obvious mitigation of abiotic stresses to which we can respond even more energetically with the use of Idrogrena.

## REMEDY FOR THE FROSTS

The most effective time to apply is a few days before the frosts, but its action is also expressed during frosts, if done with timely interventions, such as the morning after the frost, and so on until at the end of the frosts.

### THE DOSES RECOMMENDED ARE

Application	Doses per hectare*
Antifreeze with foliar application	6-8 l/ha (0.3-0.5% solution) 
Fertigation (radical)	8-10 l/ha (1-3% solution) 



## REMEDY FOR THE HAILSTORM

Idrogrena will stimulate the plant to get out of the stress of hail first by starting with the formation of new leaves.

### THE DOSES RECOMMENDED ARE

Application	Doses per hectare*
1 <sup>st</sup> treatment	5 l/ha
2 <sup>nd</sup> treatment after 4-5 days	5 l/ha



\*The aforementioned doses are indicative. For the correct use of the products, consult the Technician. Idrogrena is active with immediate effect.



## REMEDY FOR

# WIND STRESS

**Idrogrena will stimulate the plant to get out of wind stress (dehydration)** because it reactivates the stomatal activity and strengthens the plant.

### THE DOSES RECOMMENDED ARE

Application	Doses per hectare*
1 <sup>st</sup> treatment	5 l/ha
2 <sup>nd</sup> treatment after 4-5 days	5 l/ha



## REMEDY FOR THE

# WATER STRESS

**Idrogrena will stimulate the plant to come out of water stress** because it reactivates the capacity for photosynthesis by reopening the leaves stomata.

### THE DOSES RECOMMENDED ARE

Application	Doses per hectare*
1 <sup>st</sup> treatment	5 l/ha
2 <sup>nd</sup> treatment after 4-5 days	5 l/ha



## REMEDY FOR

# WEEDING

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

It is also anti-stress after weeding

### THE DOSES RECOMMENDED ARE

Application	Doses per hectare*
Foliar treatment	5 l/ha 