

# GREIT VG

## ENHANCES THE WATER USE EFFICIENCY AND THE SYNTHESIS OF CHLOROPHYLL



**GREIT VG** is a fluid organic bio-activator containing aminoacids and organic matter of vegetal origin which provides a strong natural enhancement to the crops for their most important biological/metabolic functions.

**GREIT VG** contains vitamins, carbs and a higher level of free aminoacids (12%) compared to many formulations present on the market.

The peculiar complementary presence of a 7% of glutamic acid, essential to enhance the synthesis of chlorophyll, and of 4% of glycine betaine, having strong osmo protectant action, makes **GREIT VG** an extremely easy and effective tool for the growers to contrast the climate change.

### WHY CHOOSE GREIT VG

- 1 Maintains a high level of photosynthetic efficiency
- 2 High content of both total and free aminoacids
- 3 Increases the water use efficiency of the crops

### APPLICATION RATES

CROPS	DOSIS		STAGES AND RECOMMENDATIONS
	FOLIAR		
FRUIT TREES	200 - 400 ml/hl		Any stages. It's recommended to use the lower rate in applications to prevent stressing situations and the higher rate is suggested in presence of clear stress symptoms.
GREENHOUSE HORTICULTURE	200 ml/hl		
HORTICULTURE CROPS IN OPEN FIELD	2 - 3.5 l/ha		
EXTENSIVE CROPS	2 - 3 l/ha		
NURSERIES, FLOWERS, ORNAMENTALS and aromatic and officinal plants	200 - 250 ml/hl		

Fertigation: 10-20 l/ha according to the agronomical conditions

#### COMPOSITION % w/w (equivalent to % w/v at 20°C)

Organic Nitrogen (N)	5% w/w (6.25% w/v)
Organic Carbon (C)	16% w/w (20% w/v)
Total Aminoacids	20% w/w (25% w/v)
Free Aminoacids	12% w/w (15% w/v)

#### PHYSICAL AND CHEMICAL PROPERTIES:

Density (20°C): 1.25 g/ml  
pH (1% w/w aqueous solution): 6.0 ± 0.5 u. pH  
Electrical conductivity (1 g/l aqueous solution): 270 μS/cm

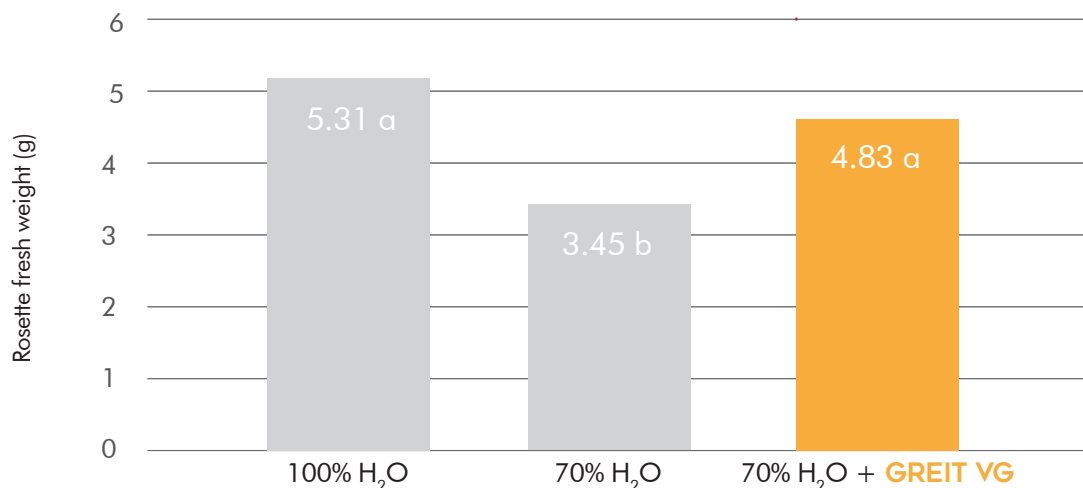
# GREIT VG

## BIOLOGICAL ACTIVITY

### SUPPORT THE CROPS IN WATER REDUCTION CONDITIONS



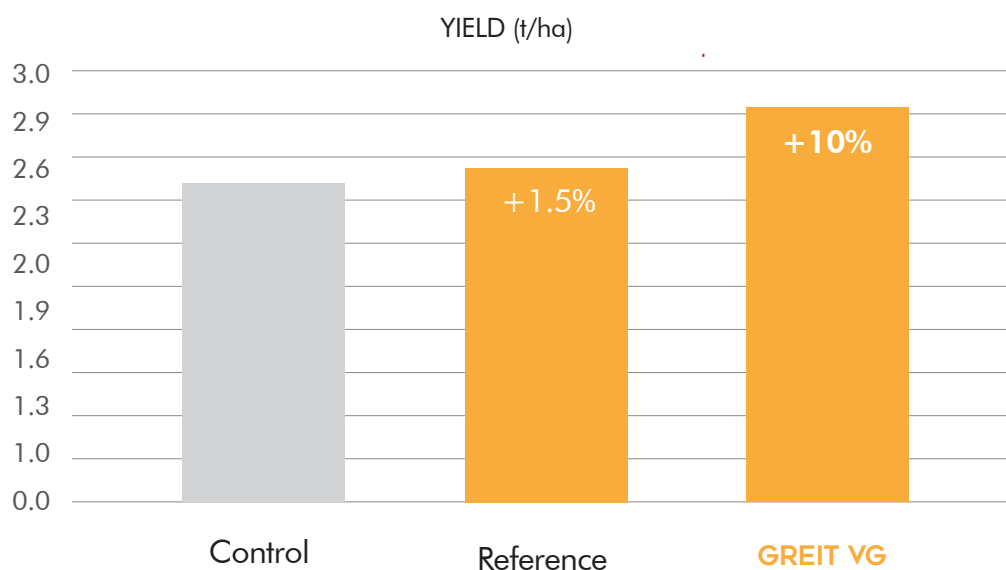
Simulation of water reduction on Lettuce (*Lactuca sativa* L.) - GREENHAS GROUP R&D STUDY IN COOPERATION WITH THE DEPARTMENT OF BIOLOGICAL SCIENCES OF TURIN UNIVERSITY - PRESENTED AT THE 3<sup>rd</sup> BIOSTIMULANTS WORLD CONGRESS (Miami, 2017)



**GREIT VG** on lettuce mitigates the negative effect of 30% of water reduction

### AN EFFECTIVE HELP FOR A BETTER YIELD SUNFLOWER

Trial carried out by AGRICOLA 2000 at MAGNANO (ITALY)



THESIS	TIME OF APPLICATION	RATE
Reference N 5.5%; P <sub>2</sub> O <sub>5</sub> 5.07%; K <sub>2</sub> O 7.5%, C 4.57% + microelements	BBCH 14-16 (4 <sup>th</sup> -6 <sup>th</sup> leaf)	2.0 l/ha
GREIT VG	BBCH 14-16 (4 <sup>th</sup> -6 <sup>th</sup> leaf)	2.5 l/ha