

fitoMaat[®]WG

Biostimulant to help plants cope with abiotic stress and maintain high yields

FEATURES AND BENEFITS

FITOMAAT WG[®] is a product based on glycine betaine and proline, two key molecules that help the plant prevent and cope with abiotic stress, such as drought, salinity and unfavourable temperatures, thereby helping to maintain expected harvest yields.

FITOMAAT WG[®] It has been specifically formulated to induce a synergistic internal response in crops. Its two main components play a key role in regulating osmotic potential whilst, at the same time, protecting the plant's photosynthetic mechanisms and main metabolic pathways, enabling them to continue functioning even under stressful conditions.

Furthermore, **FITOMAAT WG[®]** has antioxidant properties that limit the formation of reactive oxygen species (ROS) and neutralise them. Its application helps to maintain the structure and fluidity of cell membranes, thereby supporting their function. Furthermore, it is capable of significantly reducing the incidence of cracking associated with osmotic imbalances.



COMPOSITION

(%W/W)

Glycine Betaine	80
Proline	10
Physiological factors	0,5

FORMULATION

Appearance: Microgranules.

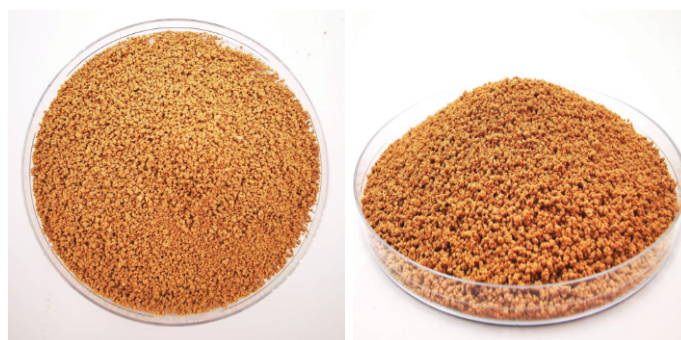
Color: Pinkish colour.

Solubility: > 100g/L.

pH (in a dilution of 1%): 3,5 – 4,5.

Rapid adsorption and easy handling.

Free from heavy metals.



RECOMMENDED DOSES AND TIMES OF ADMINISTRATION

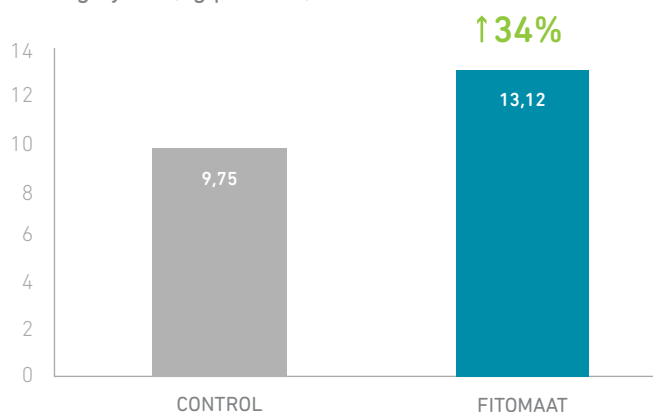
CROP	WG FOLIAR RATE (G/HL)	IRRIGATION RATE (KG/HA)	APPLICATION
Fruit vegetables	100-200	2	2 to 4 applications during periods of water stress.
Leafy vegetables	100-200	1-2	
Root vegetables	200	2-3	
Vid, Kiwi	200-300	2-3	
Fruit trees	200-300	2-3	
Small fruit trees, Berries	100-200	1-2	
Tropical crops	200-300	2-3	
Extensive Crops	100-200	1,5-2	
Ornamental plants	100	1	

APPLICATION SYSTEM

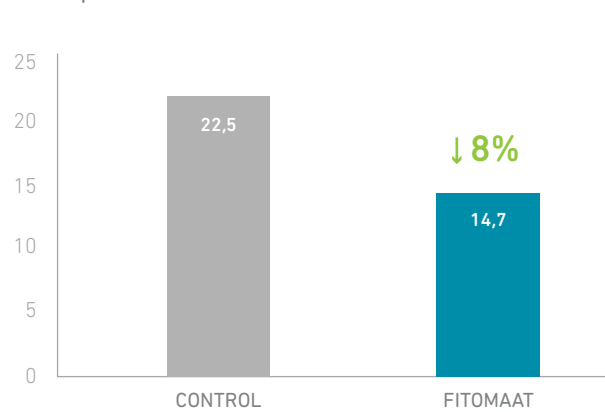
FITOMAAT WG® is recommended for preventing and overcoming water stress, salt stress and extreme temperatures. Its use ensures high crop yields even under unfavourable conditions. Apply via foliar spraying or irrigation.

FIELD RESULTS: EFFICACY STUDY ON CHERRY, 'STACCATO' VARIETY (AUSTRALIA, 2016)

Average yield (kg per tree)



% of split fruit



Dosage: 300g/hl

Applications: A: Onset of ripening

B: A+7 days

COMPATIBILITY

It is recommended that you carry out a compatibility test on a small area before applying any mixture containing this product.

STABILITY AND STORAGE

FITOMAAT WG® It remains stable for at least 3 years from the date of manufacture. Store in a cool, well-ventilated place at temperatures below 50 degrees. Do not store for prolonged periods in places exposed to direct sunlight. Keep out of the reach of children. Do not eat, drink or smoke whilst using this product.

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