

NEW

tangel_{AGRO}

Datasheet

Salinity
corrector
Foliar

Stronger plants. Higher yields.
Even in salty conditions.

CHARACTERISTICS

OSMIONIX is a high-performance foliar fertilizer designed to enhance plant tolerance to salinity and other osmotic stresses. Its unique combination of Silicon, Glycine Betaine, Polyamines and Potassium helps maintain cellular integrity, osmotic balance and ionic homeostasis, protecting plant performance and yield even under high electrical conductivity (EC) and accumulation of Na⁺ and Cl⁻.



**STRENGTHENS
CELL STRUCTURE**



**IMPROVES
OSMOTIC
BALANCE**



**REGULATES
IONIC
HOMEOSTASIS**



**ACTIVATES
STRESS
RESPONSE**

NO STRESS, MORE LIFE IN YOUR CROPS

OSMIONIX

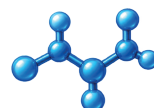
COMPOSITION

%w/v

Silicon (SiO ₂)	18,00
Potassium (K ₂ O)	6,00
Glycine betaine	5,00
Polyamines	0,75

Silicon (SiO₂)

- Strengthens cell walls and membranes.
- Reduces Na⁺ uptake.
- Improves stress tolerance.

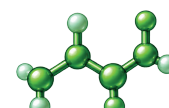


Glycine betaine

- Natural osmoprotectant.
- Maintains cell hydration.
- Protects proteins and photosynthetic machinery.

Potassium (K₂O)

- Improves K⁺/Na⁺ balance
- Supports enzyme activity.
- Maintains photosynthesis and stomatal regulation.



Polyamines

- Spermidine / Spermine.
- Activates stress response.
- Supports cell division and recovery.
- Enhances antioxidant defense systems.

KEY BENEFITS



**HIGHER
STRESS
TOLERANCE**



**MAINTAINED
YIELD
POTENTIAL**



**HEALTHIER
PLANTS**



**HIGHER CROP
QUALITY**



**MORE
SUSTAINABLE
AGRICULTURE**

FOLIAR APPLICATION



CROPS	DOSE	TIME OF APPLICATION	N° OF APPLICATION	MAIN OBJECTIVE
TOMATO	1.0 – 2.0 L/ha	Transplanting – vegetative growth – fruit set/fruit enlargement	3 – 5	Higher yield and quality
POTATO	1.0 – 2.0 L/ha	Emergence – tuber initiation – bulking	3 – 4	Protect tuberization and size.
CITRUS	1.0 – 2.0 L/ha	Bud break – fruit set – fruit growth	3 – 5	Reduce salt stress and fruit drop
GRAPEVINE	1.0 – 2.0 L/ha	Bud break – pre-flowering – fruit set – veraison	3 – 4	Maintain growth, fruit set and quality

CROPS	DOSE	TIME OF APPLICATION	N° OF APPLICATION	MAIN OBJECTIVE
ONION	1.0 – 2.0 L/ha	3 – 4 leaves – bulb formation – bulbing	3 – 4	Protection in a sensitive crop.
RICE	1.0 – 2.0 L/ha	transplanting/establishment – tillering – panicle initiation.	3 – 4	Establishment, tillering and productivity.
MAIZE	1.0 – 2.0 L/ha	3 – 5 leaves – rapid growth – pre-flowering	2 – 3	Growth, photosynthesis and flowering
COTTON	1.0 – 2.0 L/ha	Establishment – pre-flowering – boll formation	2 – 4	Protect reproductive stages and yield.

SALINITY CORRECTORS

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www.tangelagro.com

AVAILABLE IN:



IMPORTED
FROM EU