



# Agroglik®



## EC FERTILIZER - PK solution 6-9 fertilizer

**Agroglik®** is containing a natural substance, *Glycine betaine*, which is neither a nutrient nor a growth regulator, but it is normally produced by plants when undergone environmental stresses, as *high or low temperatures*, *drought* and *soil salinity*.

*Glycine betaine* operates in the plant as natural osmotic regulator, optimizing the metabolism or reactivating it after stress conditions.

*Glycine betaine* preserves cellular functions because it bonds to cellular membranes and enzymes, keeping the ability to carry out metabolic function. Furthermore, it keeps the cellular turgor, avoiding loss of water and consequent cells collapse.

**Agroglik®** penetrates rapidly into the plant (within one day from application).



### COMPOSITION

Total Nitrogen (N)	6%
- Nitric Nitrogen (N)	1%
- Ammoniacal Nitrogen (N)	1%
- Ureic Nitrogen (N)	4%
Potassium oxide (K <sub>2</sub> O) soluble in water	9%



### PHYS-CHEM PARAMETERS

Density	1,33 kg/L
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### ADVANTAGES

**Increase in plant resistance when exposed to high hydric and soil salinity stresses.**

**Increase in plant resistance to low temperatures.**

**Increase in yield, due to higher amount of fruits set and their higher weight.**

**Reduction in fruits cracking, usually due to high absorption of water.**

**Increase in fruits shelf-life.**

**Improvement in plant tissues integrity, thus better resistance to pathogens.**



### PACKAGE

Bottle	20x1 kg (=20x0,83 L)
Can	4x5 kg (= 4x4,13 L)

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## APPLICATION RATES

CROPS	EFFECT	RATE	TIMING	ADVICES
<b>Grape</b>	Reduction in fruits cracking. Increase in fruits color intensity.	250-300 g/hL 250-300 g/hL 600 g/hL	<b>3 Applications:</b> End of Blossoming Berries touching Before harvest	<b>3 applications in areas with late rains</b> , in order to foster fruits coloration.
<b>Cherries, Figs, Nectarines, Apricot</b> and other fruits that may have cracking problems	Protect crops from freezing. Reduction in fruits cracking. Increase in fruits color intensity.	600 g/hL 500 - 600 g/hL	Before buds opening. Fruits changing color (green to yellow).	Apply with a wetting agent.
<b>Tomato</b>	Increase in yield. Reduction in fruits cracking.	500 - 600 g/hL	During blossoming, with some fruits in the lower plants.	Apply with high Potassium-content products.
<b>Fruity Vegetables</b> (Pepper, Eggplant, Beans, etc.)	Increase in fruits weight.	300 g/hL	Apply at beginning of blossoming.	In case of staggered blossoming, the product may be applied to each flower head.
<b>Leafy Vegetables</b> (Lettuce, Salads, etc.)	Increase in leaves consistency.	500 - 600 g/hL	At half of crop cycle.	Applications after transplanting improve rooting and plant resistance.
<b>Tobacco</b>	Improvement in drought resistance. Increase in leaves dry weight.	500 - 600 g/hL	7 <sup>th</sup> - 9 <sup>th</sup> week after transplanting.	Apply twice, every 10 days.
<b>Turf &amp; Lawn</b>	Improvement in drought resistance.	600 - 800 g/hL	After winter drought.	Apply twice.
<b>Potato</b>	Increase in yield.	500 - 600 g/hL	Start at tubers formation.	
<b>Citrus</b>	Increase in fruits setting.	200 - 300 g/hL	1 application when petals fall; or 2 applications at 75% and 100% of petals fallen.	
<b>Olive Tree</b>	Increase in yield.	500 - 600 g/hL	Every 30 days, starting from blossoming.	



## TECHNICAL NOTES

**Agroglik® is compatible with the most common fertilizers and pesticides.**

**Do not mix with Copper- and Sulphur-based, Mineral oils and emulsion products.**

**Before mixing with other products, a compatibility test is suggested.**