

# Quix Ca & Mac

## CALCIUM AND MAGNESIUM LSA COMPLEXED PRODUCTS WITH HIGH NUTRITIONAL EFFECTIVENESS

### Effectiveness

- ✓ **Prevent calcium and magnesium deficiencies**
- ✓ **Foliar or fertigation application**
- ✓ **Quick foliar absorption with low phytotoxicity risks**
- ✓ **Natural complexing agent: ammonium lignosulphonate (LSA)**

### Activity

**QUIX Ca** and **Mac** are calcium (**Quix Ca**) and magnesium (**Quix MAC**) based products that combine the convenience of liquid formula with an high agronomic efficiency. Calcium and magnesium are complexed with LSA (Ammonium Lignosulphonate). The LSA is a natural complexing agent of vegetal origin: the affinity with plant tissues increases the absorption of micro elements and reduces the risk of phytotoxicity for foliar application while soil application of formulas complexed with LSA protects the nutrients reducing phenomena related the insolubilization of calcium and magnesium. **QUIX Ca** and **Mac** have a good miscibility and compatibility. Regularly applied through fertigation or foliar applications, **QUIX** enable the prevention of deficiencies related to calcium and magnesium such as bitter pit of apple trees, fruits cracking (nectarines, grapes, melons, cherries), blossom end rot of tomato (BER), leafy vegetables, tip burn.

### Guaranteed analysis

	QUIX Ca	QUIX Mac
<b>B</b>	0,2%	0,01%
<b>CaO</b>	15,0%	6,0%
<b>MgO</b>		7,0%

*Packaging:* 1, 5 and 25 litres

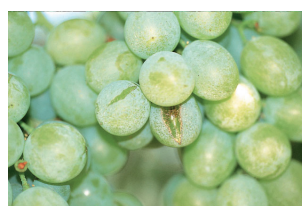
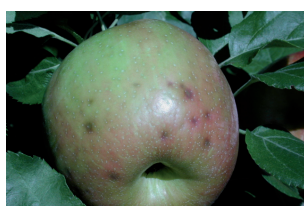
 **Puccioni**  
1888  
Nutrizione delle piante dal 1888

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### *Calcium and magnesium: activity and deficiencies*

	CALCIUM	MAGNESIUM
<b>Functions in Plants</b>	Calcium improves the absorption of other nutrients by roots and their translocation within the plant. It activates a number of plant growth-regulating enzyme systems, helps convert nitrate-nitrogen into forms needed for protein formation, is needed for cell wall formation and normal cell division, and contributes to improved disease resistance.	Magnesium is an essential component of the chlorophyll molecule, with each molecule containing 6.7 percent magnesium. Magnesium also acts as a phosphorus carrier in plants. It is necessary for cell division and protein formation. Phosphorus uptake could not occur without magnesium and vice versa. So, magnesium is essential for phosphate metabolism, plant respiration and the activation of several enzyme systems.
<b>Deficiency Symptoms</b>	<b>Apple:</b> bitter pit <b>Lettuce:</b> tip burn <b>Tomato:</b> Blossom End Rot (BER) <b>Stone fruits, table and wine grape:</b> fruit cracking	Internerval chlorosis with green veins.
<b>Most sensitive plants</b>	Apple, nectarines, chessy, lettuce, melon, pepper, tomato.	All Crops.



### *Directions for use*

	QUIX Ca		QUIX MAC	
	FOLIAR APPLICATION	FERTIGATION	FOLIAR APPLICATION	FERTIGATION
<b>Fruit crops</b>	200-350 ml/hl	25-50 l/ha	200-350 ml/hl	25-50 l/ha
<b>Vegetables and flowers crops</b>	200-300 ml/hl	2-3,5 l/1000 mq	200-300 ml/hl	3-5 l/1000 mq
<b>Arable crops</b>	2 l/ha		2 l/ha	



Via Osca, 89 – 66054 Porto di Vasto (CH) – Tel. +39 0873 3121 – Fax +39 0873 312299  
[www.puccioni.it](http://www.puccioni.it) – [info@puccioni.it](mailto:info@puccioni.it)