

MARAL SLQ

Inundate them with energy



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MARAL S LQ®

a concentration of energy



Allowed in organic farming



In fertigation



Foliar application



Exclusive Agriges production technology

Maral S LQ is a concentration of growth since, thanks to RyZea, a sophisticated production technology, it contains a high percentage of natural substances with a bioactivating and antioxidant action. Maral S LQ frees from deposits the energy that the plant has accumulated and transfers it to the reproduction organs, therefore, causing more abundant and uniform flowering and fruiting phases. Its applications induce a greater cell division and expansion in growing tissue (ex. fruits) and an increased migration of photosynthetic compositions towards the fruit, which increases in weight/size and, above all, it improves the product quality (ex. higher soluble solids content in the fruits, higher texture/dry weight in leafy vegetables).

COMPOSITION	w/w	w/v	
Total Nitrogen (N)	1,0 %	1,2 %	Cream of marine seaweeds (<i>Ascophyllum nodosum</i> - <i>Fucus</i> spp. - <i>Laminaria</i> spp.) *
Organic Nitrogen (N)	1,0 %	1,2 %	Amino acids, Vitamins: B1, B3, B6, PP, inositol *
Organic Carbon (C) of biological origin	10,0 %	12,3 %	Growth inducers from plants: gibberellins, cytokinins, auxins, betaines, polyamines *
Organic matter (with nominal molecular weight <50kDa)	30,0 %	36,9 %	Alginates, mannitol and oligoelements *

Raw materials: *Ascophyllum nodosum*, agro-alimentary plant extracts. * Data not present on the label.

%w/w equivalent to %w/v at 20°C.

* Guard the cells, which play an important role in preserving the fruits, retarding deterioration, rancidity, and colour loss due to oxidation (Kaur e Kapoor, 2001).

DOSES AND INSTRUCTIONS FOR USE		
CROPS	FOLIAR APPLICATION	Dose ml/hl
Three crops Horticultural crops	From fruit set to fruit development During the vegetative cycle	150-250 150-200
CROPS	IN FERTIGATION	Dose l/ha
All crops	During the vegetative cycle	2-3

Below are some experimental data on different crops of agronomic interest:

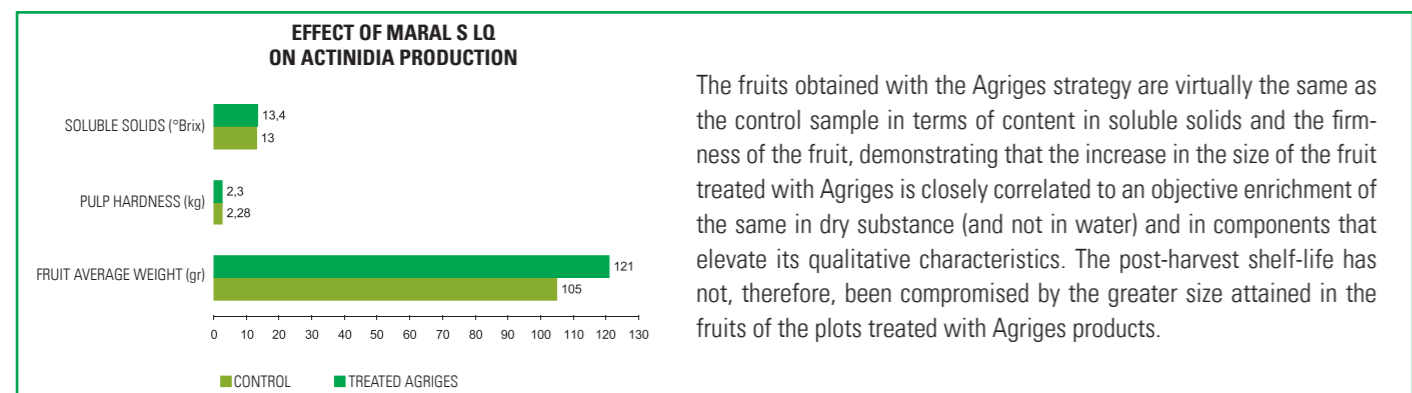


Fig. 1 - Application of MARAL S LQ from occurred fruit set and the next 40 days, in combination with PRYOTER Ca/Mg.

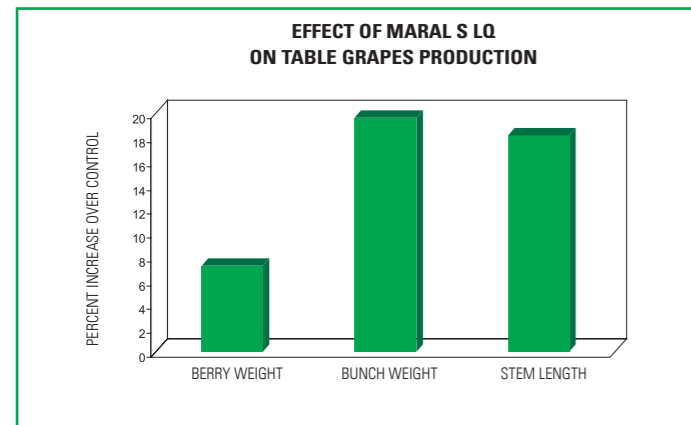


Fig. 2 - Application of Maral S LQ from pre-flowering stage to enlargement. MARAL S LQ + SYFAST G15 (pre-flowering - flowering - to lengthen the rachis); MARAL S LQ + PRYOTER Ca/Mg and MARAL S LQ + PROMOFRUIT BZ (from fruit set onwards - for enlargement).

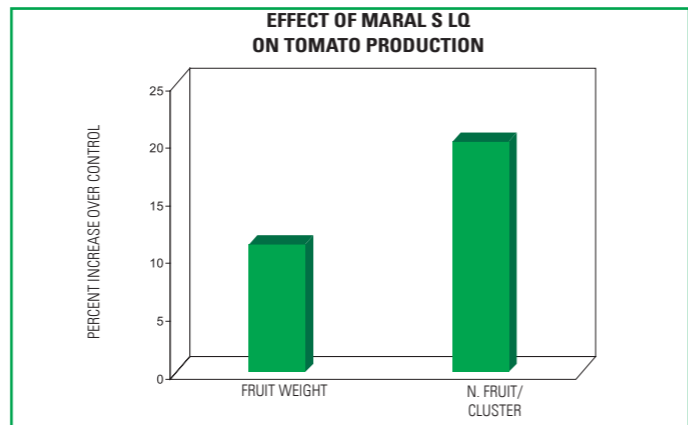


Fig. 3 - Application of MARAL S LQ from flowering to fruit enlargement. This result is ideal when harvesting single fruits. MARAL S LQ + SYFAST G15 (flowering to lengthen the grape cluster); MARAL S LQ + PRYOTER Ca/Mg (to increase the size of the fruit).

APPLICATION NOTES

TABLE GRAPES: A technical application allows you to obtain targeted results. **To lengthen the stem:** MARAL S LQ + SYFAST G 15 starting from pre-flowering. **To develop the grape through differentiation and cell division:** MARAL S LQ + PRYOTER Ca/Mg from the first days of fruit set. **To enrich the grape dry weight:** MARAL S LQ + PROMOFRUIT BZ -promote the accumulation of reserve substances and tissue distension.

VEGETABLES AND FRUITS: MARAL S LQ, applied during fruit formation stimulates the accumulation of dry matter thanks to its levorotatory amino acids and simple sugars (phosphorylated glucose) source of immediate energy.

GREENHOUSE CROPS OR IN POOR LIGHTING: for a good size and an intense colouring of the leaves;

MARAL S LQ, associated with the products from the Agriges Micro-elements line, potently enhances the absorption of trace elements (ex. Zn, Mn, Fe, B), due to the driving action of the small peptide chains.



Table Grape: application of MARAL S LQ and SYFAST G15 To lengthen the stem



Tomato: application of MARAL S LQ + SYFAST G 15 increase the cluster length and number of fruits



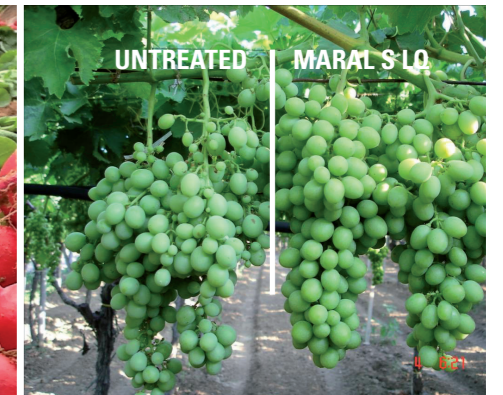
Application of MARAL S LQ on cherry



Application of MARAL S on strawberry



Application of MARAL S LQ on radish



Comparison: MARAL S LQ has significantly reduced the phenomena of millerandage



Tomato: application of MARAL S LQ



Watermelon: application of MARAL S LQ



Squash: application of MARAL S LQ

Formulation: liquid soluble - **Packaging:** 0,25 - 0,5 - 1 - 5 - 10 - 20 l - **pH (6%):** approx. 8,8 - **Conductivity (10%):** approx. 19,8 dS/m - **Density (T=20°C):** approx. 1230 kg/m³.