



**PRODUCT INFO
& DATASHEET**

SICOCORR & SICOCORR + OLIGOS

*Liquid NK (+S) fertiliser
Salinity corrector & soil pH reducer and acidifier*

1. COMPOSITION (% w/w)

a) SICOCORR

NITROGEN (N) TOTAL	9% equiv. to 12% w/v at 20° C
AMMONIACAL NITROGEN (N)	9% equiv. to 12% w/v at 20° C
POTASSIUM OXIDE (K ₂ O) water soluble	6% equiv. to 8% w/v at 20° C
SULPHUR TRIOXIDE (SO ₃) water soluble	58% equiv. to 77.3% w/v at 20° C

b) SICOCORR + OLIGOS

NITROGEN (N) TOTAL	11% equiv. to 14.85% w/v at 20° C
AMMONIACAL NITROGEN (N)	9% equiv. to 12.15% w/v at 20° C
UREIC NITROGEN (N)	2% equiv. to 2.7% w/v at 20° C
POTASSIUM OXIDE (K ₂ O) water soluble	5% equiv. to 6.75% w/v at 20° C
SULPHUR TRIOXIDE (SO ₃) water soluble	57% equiv. to 76.95% w/v at 20° C
BORON (B) from boric acid, water soluble	0.04 % equiv. o 0.054% w/v at 20°C
IRON (Fe) DTP chelated, water soluble	0.02 % equiv. to 0.027% w/v at 20°C
ZINC (Zn) EDTA chelated, water soluble	0.04 % equiv. to 0.054 % w/v at 20°C

This formula extra with oligos, not only to reduce the pH but also gives better growth results on fruits.

2. PRODUCT DESCRIPTION

Is a new formulation tailored for alkaline and calcareous soils.

Thanks to the high content on sulphur, it acts as strong chemical reducer and as acidifier too.

SICOCORR + OLIGOS makes available some metals like Calcium, Magnesium, Iron, Manganese (anti-chlorotic effect) as well as tri-calcium phosphates.

SICOCORR is also a salinity corrector, because Sulphur combines with Sodium, deriving salts, easily washed away by irrigation water, or made available to plant absorption. Sulphur is also very important for some crops like onions, cauliflower, etc. where it improves the synthesis of aminoacids.

SICOCORR, inhibits ureasis and nitrification, improves the efficiency of fertilizers containing Nitrogen, because it reduces the losses due to volatilization, leaching and de-nitrification.

SICOCORR + OLIGOS with its content of micronutrients, like Boron, Iron, Zinc prevents deficiency symptoms.

When applied after chelated micronutrients like Iron, it improves their availability for the plants. The pH range guaranteeing acceptable stability of the chelated fraction is: 4-7.3.

3. RECOMMENDATIONS FOR USE

Rates per cultivation cycle (or per year in orchards)

CROP	Fertigation	Remarks
Vegetables (tomato, pepper, cucumber, melon, water-melon etc.	50 - 90 lt/ha	Devised at least in 2-3 applications up to fruit enlargement phase. (Foliar spray: 200-300 cc/100 lt water in case of severe deficiency of Sulphur)
Table grapes, grapevine	70-110 lt/ha	In fertigation beginning just before spring start of vegetation and continuing up to change of colour of berries
Agrumes	60 -120 lt/ha	During the spring growing stage
Bulboses (onions, garlic, leek) - Cabbage, Cauliflower	20 - 50 lt/ha	Repeat foliar applications every 10-15 days Rate: 3-5 lt/ha
To enhance the effect of herbicides with foliar absorption (glyphosate, gluphosinate, etc.): Mix 2 lt/ha of SICOCORR to the herbicide		

4. COMPATIBILITY

SICOCORR is compatible with most pesticides used in normal crops, but avoid mixing it with acid solutions (pH < 6.1) and with ammonia solutions. When in doubt, do the jar test.

Min. Order: 2 pallets.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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