

Lygnocal

LINE
MESO- AND
MICRO-NUTRIENTS

- 1 Prevents and cures Calcium deficiency disorders
- 2 Improves and enhances Calcium concentration in fruits
- 3 Increases product shelf-life

PROVIDES CALCIUM COMPLEXED
WITH AMMONIUM LIGNOSULFONATE
(ALS)



special fertilizers
for a modern
agriculture

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Certified company
ISO 9001
ISO 14001
OHSAS 18001



PRODUCT

Lygnocal provides a significant amount of Calcium complexed with ammonium lignosulphonate (LSA), a “chelating” agent characterized by a high affinity with the plant since it is of vegetable origin. Lygnocal greatly facilitates the absorption of Calcium through the leaf cuticle and it is characterized by a considerable active surface that lowers the surface tension of the solution and increases the wetting of the vegetation. Lygnocal more easily directs the Calcium towards the edible parts of the plant, especially towards the fruits in general or the leaves, in the case of leafy vegetables, improving its effectiveness. Lygnocal improves final production shelf-life, even in the event of thermal stress and it prevents and cures rachis desiccation in the vine, bitter pit in apple tree, blossom-end rot in pome fruits, and many other physiopathologies due to Calcium deficiency.

COMPOSITION

	w/w	w/v		w/w	w/v
Total Calcium oxide (CaO)	15,0 %	22,5%	Calcium Oxide (CaO) in complex form	15,0 %	22,5%

Complexing agent: Ammonium lignosulphonate (LSA). **Stability range of the complexed fraction:** pH 4 to 7.
 %w/w equivalent to %w/v at 20°C

DOSES AND INSTRUCTIONS FOR USE

Crops	Foliar application	Dose ml/hl
Tree crops	From fruit ripening to harvest	150-200
Horticultural crops	Throughout the cycle	150-200
Ornamentals crops	Throughout the vegetative cycle	75-150
Crops	Application in Fertigation	Dose l/ha
Tree crops	From flowering to harvesting	5-10
Horticultural crops	From flowering to harvesting	5-10
Ornamentals crops	Throughout the vegetative cycle	5-10

The above doses are meant to be a merely indicative value and may vary in relation to the soil and climate conditions of each area.

WARNINGS

In case of mixture, it is always advisable to carry out preliminary miscibility and compatibility tests. Avoid mixing directly with products having a strong alkaline reaction, based on Sulfur, mineral oils, emulsions, Bordeaux mixture and with products having a high Phosphorus content.

FORMULATION

Soluble liquid

PACKAGES

1 - 5 - 10 l

DENSITY (T=10°C)

approx. 1500 kg/m³

pH (sol. 6%)

approx. 3,8

CONDUCTIVITY (sol. 10 %)

approx. 42,6 dS/m



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TECHNICAL NOTES



Foliar
application



Fertigation