

# CAL LS

FERTILIZER BASED ON SECONDARY ELEMENTS  
CALCIUM COMPLEX (AMMONIUM LIGNOSULFONATE)



**CAL LS** is a calcium oxide-based fertilizer entirely complexed with ammonium ligninosulfonate LSA, a complexing agent that quickly penetrates the leaf cuticle, allowing the other elements to be conveyed quickly.

The product allows to prevent and treat physiopathies due to calcium deficiency (bitter pit in pome fruit, drying of the leaf margins of vegetables, physiological drying of the melon, solanaceous apical rot, etc.) by improving the consistency of green tissues and fruits, also prolonging the shelf life.

## COMPOSITION (w/w)

|                                     |   |    |
|-------------------------------------|---|----|
| Total Calcium oxide (CaO)           | % | 15 |
| Calcium Oxide (CaO) in complex form | % | 12 |
| Complex from: Lignosulfonic acid    |   |    |

## CHEMICAL AND PHYSICAL PROPERTIES

|             |        |                                   |           |
|-------------|--------|-----------------------------------|-----------|
| FORMULATION | liquid | DENSITY (g/cm <sup>3</sup> ) 20°C | 1.4       |
| COLOUR      | brown  | pH (solution at 1% w/w)           | 3.0 ± 0.5 |

## DOSAGE AND DIRECTIONS OF USE

|  | Crop                  | Applications                            | Dosage by application         |
|--|-----------------------|---|-------------------------------|
| FOLIAR APPLICATION   | Fruit crops           | from pre-flowering to fall leaves       | 300-500 ml/hl                 |
|  | Table grapes and must | from cluster closer                     | 300-500 ml/hl                 |
|  | Industrial crops      | from fruit setting                      | 300-500 ml/hl                 |
|  | Leaf horti crops      | from 4 true leaves                      | 300-500 ml/hl                 |
|  | Fruit horti crops     | from first branches fruit-setting       | 300-500 ml/hl                 |
|  | Greenhouse crops      | from fruit setting and during the cycle | 200-400 ml/hl                 |
| SOIL APPLICATION   | Fruit crops           | from pre-flowering to fall leaves       | 15-20 l/ha                    |
|  | Table grapes and must | from cluster closer                     | 15-20 l/ha                    |
|  | Industrial crops      | from fruit setting                      | 15-20 l/ha                    |
|  | Leaf horti crops      | from 4 true leaves                      | 15-20 l/ha                    |
|  | Fruit horti crops     | from first branches fruit-setting       | 15-20 l/ha                    |
|  | Greenhouse crops      | from fruit setting and during the cycle | 0.7-1.5 l/1000 m <sup>2</sup> |
| Make 2-4 applications every 8-12 days, according to the crop needs |                       |   |                               |

## HOW TO USE

**CAL LS** is compatible with most formulations, with the exception of those based on Bordeaux mixture, sulfur, emulsions and mineral oils. However, a preliminary compatibility test is recommended. In fertigation, avoid mixtures with high phosphorus content products.

## PACKING

|        |              |            |                |            |                  |
|--------|--------------|------------|----------------|------------|------------------|
| Bottle | 1 l = 1.4 kg | Tank       | 20 l = 28 kg   | Tank (IBC) | 1000 l = 1400 kg |
| Tank   | 5 l = 7 kg   | Tank (IBC) | 640 l = 896 kg |            |                  |