

Straights | Calcium products

Calcium Nitrate Horticultural Grade

Eurosolids Calcium Nitrate Horticultural Grade is a highly pure Calcium fertilizer which dissolves rapidly and completely. Our product has a limited caking sensitivity and is recommended as of early spring until fruit setting and fruit development. The high level of Calcium improves the strength of cell walls during active cell division stages. The presence of Nitrogen has a positive effect on the uptake of Calcium in the plant.

- Improves fruit quality (less sensitive to bitter pit and blossom end rot) and shelf-life
- Developed for fertigation in open field and greenhouses. Also suitable for foliar application



Product Characteristics

- Low on heavy metals
- Low on Sodium and Chloride
- Production process certified according to ISO 9001:2009
- White granules

Composition [%w/w]

Total Nitrogen	15.5%
Nitric Nitrogen	14.3%
Ammoniacal Nitrogen	1.2%
Calcium Oxide	26.3%
Calcium	18.8%

Compatibility

Compatible with other fertilizers, with the exception of Sulphate or Phosphate fertilizers. Therefore a separate tank is needed or fertilizers should be applied at different times.

Packaging

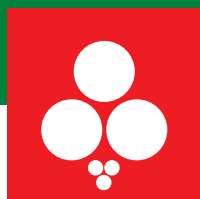
- 25kg
- 1000kg

Dosage | Hydroponics

kg in 1000 l stock solution	CaO in kg	Total N in kg	N-NO ₃ in kg	N-NH ₄ in kg
100	26,3	15,5	14,4	1,1
150	39,4	23,2	21,6	1,6
200	52,6	31,0	28,8	2,2

Mentioned concentrations represents the amount of nutrients in the stock solution. The final concentration in the irrigation water depends on the amount of nutrients in the stock solution, the injection ratio and the amount of nutrients used in the water.





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Dosage | Fertigation

Crop	Application date	Min kg/ha/season	Max kg/ha/season
Fruit trees (adult)	<ul style="list-style-type: none"> • As of flowering • Until fruit filling 	200	500
Banana	<ul style="list-style-type: none"> • As of plant establishment • Until fruit filling 	200	500
Citrus	<ul style="list-style-type: none"> • Spring application • Winter application 	250	600
Potato	<ul style="list-style-type: none"> • As of tuber setting • Until tuber ripening 	100	300

Dosage | Foliar application

Crop	Application date	Min kg/ha/appl	Max kg/ha/appl	Conc. % [w/v]
Banana	3 - 4 applications: <ul style="list-style-type: none"> • As of vegetative growth • Until end of flowering • 10 - 14 days interval 	4	8	0.3 - 0.5
Citrus	2 applications: <ul style="list-style-type: none"> • Spring application • During fruit setting 	4	8	0.5 - 1.0
Pip fruit	5 - 9 applications: <ul style="list-style-type: none"> • As of fruit setting • Until 6 weeks before harvesting • 10 - 14 days interval 	3	6	0.4 - 0.8
Tomato	3 - 4 applications: <ul style="list-style-type: none"> • As of fruit setting • Until 2 weeks before harvesting • 10 - 14 days interval 	2	3	0.3 - 0.4
Stone fruit	3 - 4 applications: <ul style="list-style-type: none"> • As of fruit setting • Until fruit ripening • 10 - 14 days interval 	2	4	0.3 - 0.6

In case of foliar feeding as part of a mix with crop protection products or other fertilizers, a compatibility test has to be done prior to preparing the spray-mix.

The mentioned indicated dosages and application stages are given as a guideline. Exact dosages, concentration and application stage are subject to local conditions, use of other fertilizers and can only be given after an objective diagnosis.

