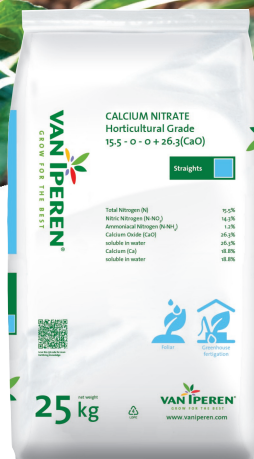


Essentials | Straights  
Calcium products

# Calcium Nitrate Horticultural Grade



## Composition (%w/w)

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

## Agronomical Targets



## 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



Van Iperen 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



## Did you know?

We offer the widest range of Calcium products, for all your Calcium needs! We provide Calcium solutions for broadcasting, foliar application and fertigation in open field and high-tech soilless crops. Van Iperen offers adequate Calcium solutions for all growing conditions.

## Let's make the green switch!

We are Van Iperen International a Dutch producer of Specialty Fertilizers and Biostimulants. We are eager to change the rules of the game in plant nutrition, by providing highly innovative solutions to growers for more sustainable agriculture. Your local Van Iperen Sales Manager will help you and guide you to make the green switch together.




[www.vaniperen.com](http://www.vaniperen.com)

## Dosage | Hydroponics




kg in 1000 l stock solution	CaO in kg	Total N in kg	N-NO <sub>3</sub> in kg	N-NH <sub>4</sub> 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.

## Dosage | Fertigation

Crop	Application date	Min kg/ha/season	Max kg/ha/season
Fruit trees (adult) 	<ul style="list-style-type: none"> <li>• As of flowering</li> <li>• Until fruit filling</li> </ul>	200	500
Potato 	<ul style="list-style-type: none"> <li>• As of tuber setting</li> <li>• Until tuber ripening</li> </ul>	100	300
Vineyards 	<ul style="list-style-type: none"> <li>• As of leaf bud opening</li> <li>• Until vegetative growth</li> </ul>	100	300

## Dosage | Foliar application

Crop	Application date	Min kg/ha/appl	Max kg/ha/appl	Conc. % (w/v)
Pip fruit 	5 - 9 applications: <ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• Until 6 weeks before harvesting</li> <li>• 10 - 14 days interval</li> </ul>	3	6	0.4 - 0.8
Stone fruit 	3 - 4 applications: <ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• Until fruit ripening</li> <li>• 10 - 14 days interval</li> </ul>	2	4	0.3 - 0.6
Tomato 	3 - 4 applications: <ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• Until 2 weeks before harvesting</li> <li>• 10 - 14 days interval</li> </ul>	2	3	0.3 - 0.4

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.