

Essentials | Straights
Calcium products

Calcium Nitrate 51% Liquid



Composition (%w/w)

Total Nitrogen	8.7%
Nitric Nitrogen	8.7%
Calcium Oxide	17.5%
Calcium	12.5%

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 51% Liquid is a pure and highly concentrated liquid Calcium fertilizer, free of Ammonium which makes it ideal for soilless cultivation. Our product is a transparent, stable solution and is recommended as of early spring until fruit setting and during fruit development. The high level of Calcium improves the strength of cell walls. 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 greenhouses and for foliar application

Product Characteristics

- Low on heavy metals
- Low on Sodium and Chloride
- Low crystallization temperature
- Production process certified according to ISO 9001:2015
- Easy to handle and apply

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

Dosage | Hydroponics




L in 1.000 l stock solution	CaO in kg	Total N in kg	N-NO ₃ in kg
100	26.2	13.0	13.0
150	39.3	19.5	19.5
200	52.4	26.0	26.0

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 L/ha/season	Max L/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 	200	500

Dosage | Foliar application

Crop	Application date	Min L/ha/appl	Max L/ha/appl	Conc. % (v/v)
Banana 	3 - 4 applications: <ul style="list-style-type: none"> As of vegetative growth Until end of flowering 10 - 14 days interval 	5	10	0.3 - 0.6
Citrus 	2 applications: <ul style="list-style-type: none"> Spring application During fruit setting 	6	10	0.5 - 1.5
Pip fruit 	5 - 9 applications: <ul style="list-style-type: none"> As of fruit setting Until 6 weeks before harvesting 10 - 14 days interval 	5	10	0.5 - 1.0

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.