



MENAFERT

Product leaflet

Straights Calcium Nitrate HG

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Menafert Calcium Nitrate Horticultural Grade is fully soluble in water, resulting in a highly transparent solution. It has a low concentration of impurities as well as a low ammonium (N-NH₄) concentration. We can offer both soluble and liquid Calcium Nitrate.

For a complete overview of our Calcium products, please visit our website: www.menafert.com.

Product characteristics

- Full solubility, no residues
- Low impurities (phosphate, iron, fluorine) and low ammonium (N-NH₄) concentration. The dissolved product gives a fully transparent solution after dissolving
- The product is white-slightly yellowish pellet shaped
- Also available in specific derivatives with e.g. Magnesium Nitrate of (chelated) trace elements
- Compatible with most water-soluble fertilizers

Dosing instructions | Fertigation

Crop	Application stage	Total dosage
Fruit trees	Direct after flowering	200 – 500 kg/ha
Vineyards (adult table grapes)	Before or just after bud opening until beginning of vegetative growth	100 – 200 kg/ha
Citrus (adult trees)	- Mid-winter - Spring	200– 500 kg/ha
Vegetables	- From tuber initiation till ripening stage	100 – 200 kg/ha
- Potatoes	- From 1 month after transplantation until maturation stage	150 – 300 kg/ha
- Tomatoes		
Banana	3 applications: - At establishment stage - At vegetative growth stage - At flowering & fruit filling stage	200 – 500 kg/ha
Vegetables (fruit bearing crops)	Direct after flowering	150 – 250 kg/ha

Dosing instructions | Foliar

Crop	Application stage	Dosage in kg/application	Application rate
Apple Pear	5 - 10 applications: Early fruit enlargement until 6 weeks before harvest	5 - 10 *	0.5 - 1.5 % (w/v)
Stone Fruits	3 - 4 applications: Early fruit growth until beginning of maturation	3 - 6 **	0.5 - 1.0 % (w/v)
Vineyards Adult table grapes	2 - 3 applications: As of beginning of fruit growth until maturation stage	4 - 6 **	0.5 - 1.0 % (w/v)
Citrus	2 applications: Spring period - At fruit setting	6 - 10 **	0.5 - 1.5 % (w/v)
Banana	3 to 4 applications: Vegetative growth stage until flowering	5 - 10 **	0.3- 0.6 % (w/v)
Vegetables Melons / cucumber	From fruit setting until 2 weeks before harvest, every 2nd week	2 - 5 **	0.5 % (w/v)
Tomatoes / pepper	From fruit setting until harvest, every 10 days	2 - 5 **	0.1 - 0.3 % (w/v)

* Total dosage is subject to sensitivity for bitter pit and amount of water used

** Total dosage is subject to amount of water used

Menafert Calcium Nitrate Horticultural Grade is compatible with most commonly used fertilizers, except sulphate or phosphate fertilizers. Therefore the usage of a separate tank is needed or fertilizers should be applied on different times.

It is compatible with pesticides, though it is advisable to confirm compatibility of your intended spray-mix by preparing a sample of the spray materials at their recommended concentrations in order to rule out the possibility of a detrimental cross reaction. This mixture should be sprayed onto small area prior to commercial treatment, in order to assess whether an adverse effect occurs.

The mentioned indicated dosages and application stages are subject to soil and climatic conditions, influence of previous crops and other specific conditions. Exact dosages and application stages can only be given after an objective diagnostic procedure by e.g. soil and plant analyses.