



« Enhanced efficiency through innovation »



CalciBor™



Composition of CalciBor™ :

Nitrogen (N)	15.4	%
- Nitrate	14.1	%
- Ammonia	1.3	%
Calcium (Ca)	18.5	%
Calcium (CaO)	25.9	%
Boron (B)	0.3	%

Description

CalciBor™ is a coated field grade Calcium Nitrate containing Boron. It is a hard, free flowing, granular product, which dissolves quickly when in contact with moist soil, without leaving any residues in the soil.

The coating makes CalciBor™ less hygroscopic than normal Calcium Nitrate, making it ideally suited for dry application through all kinds of spreaders and applicators.

Benefits

NITRATE NITROGEN

- Directly available for plant uptake, resulting in fast and predictable growth responses.
- No volatilization losses or adsorption onto soil particles, leaving it readily available to plants.
- The preferred nitrogen source for most horticultural and high value agricultural crops.
- Improves the plants uptake of the cations potassium, calcium and magnesium.

CALCIUM

- The Calcium in CalciBor™ is highly water soluble making the Ca readily and freely available for plant uptake
- Improves cell wall strength - helps plants resist disease and insect infection, resulting in better quality, improved shelf life and increasing marketable crop yields.
- Improves soil structure - helping to maintaining an optimum root environment for high yielding crops

Benefits (cont.)

BORON improves :-
Carbohydrate utilization, sugar transformation, pentose phosphate metabolism (energy systems) and phenol/auxin activity regulation, as well as cell wall stability.

- It is very important in pollination and in flower and fruit formation.
- It is also involved with the transport of carbohydrates throughout the plant.
- Boron is also important during the fruit filling stage.
- Calcium with Boron ensures that more carbohydrates are transported to the fruit.
- Calcium with Boron increases cell turgidity, improves root development and improves the transport of calcium.

Interaction

The three nutrients – Nitrogen, Calcium and Boron, all have a positive influence (synergy) on each other.

High Purity

CalciBor™ is free of chlorine, sodium and heavy metals.

Physical properties

Granulometry (ISO)

< 2mm – 10%
2-4 mm – 90%
> 4 mm - <1%

Bulk Density (loose): 1,1 kg/dm³
Color: Light yellow

CalciBor™ – Reg No K 9739
Act 36 / 1947 Fertilizer Group A