



Microcare[®]

Ca 10

Chelated Micronutrients

FORT

Foliar Chelated Ca for the fast correction of Calcium deficiency.

Characteristics

Ethylendiaminetetraacetic acid Ca-disodium-EDTA complex

- is a stable, water-soluble calcium Chelates.
 - Appearance White micro granules
 - pH (1% solution) 6 - 7
 - Calcium (Ca) content, 10%
 - Level of chelation fully
- Microcare[®] FORT Ca 10 is a stable, water-soluble and non-dusting calcium chelate



Advantages Uses of Microcare[®] FORT Ca

Calcium is a secondary nutrient mostly commonly abounded in soils. Calcium contents vary between 1-20 g/kg and can rise upto 250 g/kg soil (calcareous soils). In the soil solution calcium concentrations vary from 25-15 mg/l, which is abundant for plants to take up calcium. Calcium deficient soils are peat soils (acid soils) and sodic soils). Although mostly calcium is available to the plant, in some cases deficiency might occur. Fruit, grape, apple, litchi, strawberry, tomato, celery, peanut, cotton, beets and carrot are prone to calcium deficiency.

Calcium pectate has its most important role in strengthening of the cell walls and regulation of the permeability. In general during fruit setting calcium improves fruit quality as measured by control of bitter pit, fruit inish, fruit color, increase juiciness and fruit firmness. Calcium reduces incidence of scaled and improves shelf life.

Rates of use

The following dosages can be used as guidance. Alwas adpat to the crop and cultivar involved and to the local circumstances.

1. Glass house Crops:

Crops	Foliar application
	2 weeks interval
Vegetables	1 g/l
Cut flowers	1 g/l
Potted flowers, pot plants	0.8 g/l

2. Arable Crops and Open Field Horticultural Crops:

Foliar application	Rate	Apply in water volume that gives adequate coverage of the crops (200-1000L). Do not exceed a concentration of 0.1% Repeat after 2 weeks.
Citrus	1 Kg/ha	
Apple	1 Kg/ha	
Stone fruits	0.8 Kg/ha	
Grapes	1 Kg/ha	
Vegetables	0.5-0.8 Kg/ha	

1 Kg/ha = 0.9 lbs/acre

1 g/l = 0.13 oz/ga;

Foliar Application

Foliar feeding provies a rapid response and is recommended when fast correction is necessary. Repeated applications are necessary. For improving leaf coverage it is advisable to add a wetting agent, efficacy may be further increased bt adding urea.

Dissolve the product to a suitable concentration, and apply with spraying equipment. The pH of final concentration should not be lower than pH 5, final EC should not exceed 1.

Packing

Available in 1 Kg cardboard boxes with an inside polyethylene bag.

For more information, please contact our distributor in your area or contact us via e mail info@adfert.ae

DISCLAIMER.

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Compatibility

The product can be mixed with most other NPK fertilizers like phosphate foliar fertilizers, and agrochemicals without inactivation, precipitation or scroching problems. Do not mix with chemicals based on metal compound (Fe, Zn, Cu, and Mn).

Use other chelated micronutrients, when applied at the same time, to ensure the performance of the Microcare[®] FORT calcium chelate. With liquid fertilizers use the mixture without delay. Test mixed product first on a small scale.