Foliar Chelated Ca for the fast correction of Calcium deficiency.

**Characteristics**

- Ethylenediaminetetraacetic acid Ca-disodium-EDTA complex
- Appearance: White micro granules
- pH (1% solution): 6 - 7
- Calcium (Ca) content: 10%
- Level of chelation: fully

**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 up to 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, potato, 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. Always adapt to the crop and cultivar involved and to the local circumstances.

1. **Glass house Crops:**

<table>
<thead>
<tr>
<th>Crops</th>
<th>Foliar application</th>
<th>2 weeks after</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetables</td>
<td>1 g/l</td>
<td></td>
</tr>
<tr>
<td>Cut flowers, pot plants</td>
<td>1 g/l</td>
<td></td>
</tr>
</tbody>
</table>

2. **Arable Crops and Open Field Horticultural Crops:**

<table>
<thead>
<tr>
<th>Foliigation</th>
<th>0.5-1.5 Kg/ha</th>
<th>Apply in water volume that gives adequate coverage of the crops (200-1000L). Do not exceed a concentration of 0.1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrus</td>
<td>1 Kg/ha</td>
<td>Repeat after 2 weeks.</td>
</tr>
<tr>
<td>Apple</td>
<td>1 Kg/ha</td>
<td></td>
</tr>
<tr>
<td>Stone fruits</td>
<td>0.8 Kg/ha</td>
<td></td>
</tr>
<tr>
<td>Grapes</td>
<td>1 Kg/ha</td>
<td></td>
</tr>
<tr>
<td>Vegetables</td>
<td>0.5-0.8 Kg/ha</td>
<td></td>
</tr>
</tbody>
</table>

1 Kg/ha = 0.9 lbs/acre 1 g/l = 0.13 oz/ha;

**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 by 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.

**Compatibility**

The product can be mixed with most other NPK fertilizers like phosphate foliar fertilizers, and agrochemicals without inactivation, precipitation or scorching 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.

**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.com

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