Ca

'plant repair therapy' – targeted, efficient and effective.

Calcium

Features and Benefits

Quality manufacture using superior materials to formulate reliable, stable and trusted products with the highest level of quality control.

Overcoming soil calcium deficiency symptoms by applying the most efficient method of delivering the plant's immediate nutrition needs through the leaf.

Fixes plant calcium deficiency as it bypasses the soil instead delivering calcium directly to the leaves.

Easy application and compatibility with immediate plant uptake and proven compatibility with a wide range of crop protection chemicals.

Handles environmental conditions better because it strengthens the plant cell wall structure, preventing cell damage and increased resistance to pests and mechanical damage pests and other external conditions.

Calcium Plus 17 is a foliar fertiliser delivering high quality calcium to the plant through the leaf when a calcium plant disorder is recognised and established. Foliar application is the most efficient and effective way to deliver calcium to the plant as it bypasses the soil by delivering the remedy directly to the crop through the leaf.

Calcium Plus 17 fixes plant calcium (Ca) deficiency which is caused by insufficient calcium in the soil, or created by low transpiration at high atmospheric humidity of the whole plant.

The Importance of Calcium

Calcium contributes to soil fertility by maintaining favourable soil pH and structure. This in turn, is essential for microbial activity as crop residues are mineralised and nutrients are made available to the plant. Soil structure and water holding capacity are also improved with adequate calcium. Soil acidity can restrict crop growth due to increased presence of harmful concentrations of other elements such as iron, aluminium and manganese that tie up phosphorus in the soil.

Symptoms of Calcium Deficiency

As an immobile nutrient in plants, Ca deficiency appears as browning and die back of growing tips of roots and shoot. Leaves curl and margins turn brown with newly emerging leaves sticking together at the margins, leaving expanded leaves shredded on their edges. Fruit yield and quality will be reduced with high incidence of blossom-end rot and internal fruit decay.

钙离子（Ca）– 针对目标，高效且有效。

钙

特性与优点

高质量制造，使用优质材料来配制可靠、稳定且可信赖的产品，具有最高级别的质量控制。

克服土壤钙缺乏症状的方法，通过应用最有效的方法直接将植物的即期营养需求提供给叶片。

固定植物钙缺乏，因为它跳过土壤，直接将钙传递给叶子。

易于使用和兼容性，与即时植物吸收和证明的兼容性与广泛范围的作物保护化学品。

在环境条件更好的情况下使用，因为这增强了植物细胞壁结构，防止了细胞损害并增加了对害虫和其他外部条件的抵抗力。

钙17是叶面施用的高纯度钙肥，当钙质植株失调被识别和建立时，通过叶片施用是最有效和直接的方式将钙输送到植物上。

钙17固定了钙（Ca）缺乏，这是由土壤中缺乏钙或在高大气湿度下低蒸腾生成的。

钙的重要性

钙对土壤肥力的贡献在于维持适宜的土壤pH和结构。这反过来，对于有益微生物的活动至关重要，因为作物残体得以矿化并转化为植物可用的营养物质。土壤结构和水分保持能力也因钙的充足而得到改善。土壤酸性会限制植物生长，由于铁、铝和锰等元素含量增加，使磷在土壤中被固定。

钙缺乏症的症状

钙作为一种不可移动的植物营养素，在植物中，钙缺乏症表现为新梢和叶片尖端的干枯，叶片卷曲，边缘变棕色，新出现的叶子粘在一起，导致叶片边缘被扯碎。果实产量和质量会降低，特别是外部条件影响下的花后腐烂和内部腐烂。
APPLICATION GUIDE FOR HORTICULTURAL CROPS

METHODS OF APPLICATION

- For prevention of blossom end rot and fruit decay and splitting use foliar sprays with a 1:50 to 1:100 dilution range and repeat after 2 weeks if desired.
- Use 1:100 dilution for apples and 1:150 dilution for cherries.

Application Rates for Field Crops
litres/h should be calculated based on dilution to obtain suitable spray volume (e.g. 4L in 80 to 200L)

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>Product Dilution Rate</th>
<th>Application Rate (Litres/hectare)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat (all Cereals)</td>
<td>50 X</td>
<td>2-4 Litres/hectare</td>
</tr>
<tr>
<td>Corn</td>
<td>50 X</td>
<td>2-4 Litres/hectare</td>
</tr>
<tr>
<td>Canola</td>
<td>50 X</td>
<td>2-4 Litres/hectare</td>
</tr>
<tr>
<td>Dryland Pasture</td>
<td>50 X</td>
<td>2-4 Litres/hectare</td>
</tr>
<tr>
<td>Hay</td>
<td>50 X</td>
<td>2-4 Litres/hectare</td>
</tr>
<tr>
<td>Fodder Crops (oats, millet, sorghum, turnip and other forage brassicas)</td>
<td>50 X</td>
<td>2-4 Litres/hectare</td>
</tr>
</tbody>
</table>

Note: 2-3 weeks is required before foliar application can be repeated.

Recommended Timings

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>Number of Applications</th>
<th>Timing for Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat (all Cereals)</td>
<td>1 to 2 times</td>
<td>Good canopy formation into grain filling (avoid anthesis)</td>
</tr>
<tr>
<td>Corn</td>
<td>1 to 2 times</td>
<td>Good canopy formation into grain filling (avoid silking)</td>
</tr>
<tr>
<td>Canola</td>
<td>1 to 2 times</td>
<td>Good ground cover to early flowering</td>
</tr>
<tr>
<td>Dryland Pasture</td>
<td>1 to 2 times</td>
<td>Good ground cover after each grazing in winter or early spring</td>
</tr>
<tr>
<td>Hay</td>
<td>1 to 2 times</td>
<td>Good ground cover when shut for hay or silage</td>
</tr>
<tr>
<td>Fodder Crops (oats, millet, sorghum, turnip and other forage brassicas)</td>
<td>1 to 2 times</td>
<td>Good ground cover and after each grazing when re-growth is expected</td>
</tr>
</tbody>
</table>

FERTIGATION via Irrigation or Sprinkler Systems

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>Litres / ha per Irrigation</th>
<th>Number of Applications per season / year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Young Vines, Olives and Citrus trees</td>
<td>10 Litres</td>
<td>Use only one application per crop cycle in fertigation followed by foliar application if calcium deficiency prevails.</td>
</tr>
<tr>
<td>Mature Vines</td>
<td>20 Litres</td>
<td></td>
</tr>
<tr>
<td>Mature Olives &amp; Citrus trees</td>
<td>20 Litres</td>
<td></td>
</tr>
<tr>
<td>Other mature Fruit Trees</td>
<td>20 Litres</td>
<td></td>
</tr>
<tr>
<td>Vegetable Crops</td>
<td>20 Litres</td>
<td></td>
</tr>
<tr>
<td>Irrigated Pastures</td>
<td>20 Litres</td>
<td></td>
</tr>
</tbody>
</table>

HOW TO MIX

Shake Vigorously
Mix with Water
Mix with other Chemicals

PRODUCT COMPATIBILITY + JAR TESTING

DO NOT mix with alkaline copper fungicides or inoculants. If you are unsure, we recommend a simple jar test of products. Mix together and check if reaction occurs.

PRECAUTIONS

Non-toxic product. Avoid unneeded contact. Keep out of the reach of children. If contact is made with eyes, immediately rinse with plenty of water. If swallowed, seek medical attention.

ANALYSIS AND PRODUCT ASSURANCE

RLF

Australian-owned Formulator, Manufacturer and Supplier of High-analysis Broad-spectrum Liquid Fertiliser technologies. For over 25 years RLF’s products have been used by millions of farmers and growers world-wide. ISO 9001 Quality Assured Company since 1998.

Foliar Fertiliser to Spray onto the Crop Leaf

Manual Application
Machine Application
Rain Safe in 2 hours

www.ruralliquidfertilisers.com

Member Login
Please login to be able to view this detail

Not a member yet? Register Here

LOG IN