



Fertigation + Foliar Fertiliser



Caltro High Calcium is a broad-spectrum foliar fertiliser delivering high levels of calcium to the plant through the leaf or soil 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.

Caltro High Calcium fixes plant calcium (Ca) deficiency which is caused by insufficient calcium in the soil, or created by low transpiration and lower rate of calcium transport to the shoot.

Features and Benefits

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

Use as foliar spray bypasses soil deficiency by applying the most efficient method of delivering the plant's immediate nutrition needs through the leaf.

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.

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 converted to inorganic matter 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 leaves. Leaves curl and margins turn brown with newly emerging leaves sticking together at the margins, leaving expanded leaves shredded on their edges. Fruit trees show die-back at the tips due to insufficient calcium reaching the growing tips. Fruit yield and quality will be reduced with high incidence of blossom-end rot and internal fruit decay.



METHODS OF APPLICATION



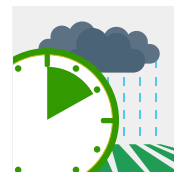
**Foliar Fertiliser to
Spray onto the
Crop Leaf**



Manual Application



Machine Application



Rain Safe in 2 hours

APPLICATION GUIDE

Specific Rates

Crop Type	Carrier Rate Litres/hectare/L of product	Application Rate (Litres/hectare)
Wheat (all Cereals)	10 - 20 X	4 - 6 Litres/hectare (L/ha)
Corn	10 - 20 X	4 - 6 Litres/hectare (L/ha)
Canola	10 - 20 X	4 - 6 Litres/hectare (L/ha)
Dryland Pasture	10 - 20 X	4 - 6 Litres/hectare (L/ha)
Hay	10 - 20 X	4 - 6 Litres/hectare (L/ha)
Fodder Crops (oats, millet, sorghum, turnip and other forage brassicas)	10 - 20 X	4 - 6 Litres/hectare (L/ha)

Note :

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

Recommended Timings

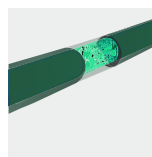
Crop Type	Number of Applications		Timing for Application
	Minimum	Preferred	
Wheat (all Cereals)	1	to 2 times	Good canopy formation into grain filling (avoid anthesis)
Corn	1	to 2 times	Good canopy formation into grain filling (avoid silking)
Canola	1	to 2 times	Good ground cover to early flowering
Dryland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



**Fertigation
via Irrigation or
Sprinkler Systems**



Manual Application



Irrigation Systems



Watering Systems

Crop Type	Litres / ha per Irrigation	Number of Applications per season / year
Young Vines, Olives and Citrus trees	10 Litres	Bimonthly to monthly
Mature Vines	20 Litres	Bud burst and before flowering
Mature Olives & Citrus trees	20 Litres	Before flowering and post harvest
Other mature Fruit Trees	20 Litres	Up to flowering and after harvest
Vegetable Crops	20 Litres	Early vegetative growth and as required
Irrigated Pastures	20-30 Litres	After each cut or grazing or as required

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.



TYPICAL ANALYSIS

Calcium (Ca)
Nitrogen (N)
Magnesium (Mg)
Zinc (Zn)
Manganese (Mn)
Copper (Cu)
Iron (Fe)
Boron (B)
Molybdenum (Mo)



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