

YLAD Living Soils *Putting life back into the land*

Cal-Tech™

Soil Balancing

Cropping

Pasture & Animal

Foliar & Fertigation

Amino-Chelated Liquid Calcium (with Boron). Calcium is the trucker of all minerals and boron is the steering wheel.

Description

A liquid calcium product, combining enhanced absorption capacity and bio-promotion with the highest percentage of chelated calcium in ionic form. Cal-Tech™ is chelated with amino acids.

Boron, a proven calcium synergist, is also included in the formulation, along with nitrogen, trace elements, natural growth promotants and vitamin B12 (a growth promotant that has been shown to increase calcium uptake and bio-availability).

Benefits

- Calcium is the single most important nutrient in high production agriculture and Cal-Tech™ provides rapidly absorbed, chelated liquid calcium
- Calcium and boron are synergists and part of The Big Four, i.e. four elements that should always be maintained at luxury levels within the plant
- Boron is directly involved in the translocation of sugars from the leaf to the roots. Half of these sugars are exuded into the root zone to feed beneficial microorganisms, i.e. boron has a direct biological link
- Best results are achieved from well-timed, multiple applications. In this context, all crops respond to calcium supplementation during the crop cycle



Packaging

Available in the following volumes:

- 1 L
- 15 L
- 20 L
- 200 L
- 1000 L



Application Rates

Foliar Spray:

Vegetables

1 L per 100 L water up to 5 L/ha equivalent
Apply weekly throughout the season or as required

Orchards & Vineyards

1 L per 100 L water up to 7 L/ha equivalent
Apply just prior to flowering (including Tri-Kelp™ at 600 g/ha), repeat every 4 weeks or as required

Ornamentals

1 L per 100 L water up to 5 L/ha equivalent
Apply every 4 weeks or as required

Spot-Spraying

50 mL per 10 L water
Apply as required

Home Garden Application:

Dilute 2 capfuls per 9 L watering can and apply the diluted mix at a rate of 1 litre per square metre
Apply fortnightly or as required

Instructions

Shake or stir well before use. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare. Sensitive foliage or plants should be test sprayed prior to full scale application. Frequencies are a guideline only and can be adjusted according to farm practices and/or in conjunction with crop monitoring. Ensure suitable spray conditions (e.g. temperature, humidity, wind-speed), prior to foliar application. Compatibility and/or performance cannot be guaranteed when combined with other products. Jar test for compatibility and spray test on small area before wide-spread use.

Typical Analysis w/v

TYPICAL ANALYSIS W/V

Total Calcium (Ca)	13.36%
Calcium (as nitrate)	13.33%
Calcium (as organic)	0.03%
Total Nitrogen (N)	11.71%
Nitrogen (as nitrate)	8.99%
Nitrogen (as organic)	2.72%
Boron (B)	0.43%
SG	1.4
pH	3.5 – 4.5
Conductivity	45 – 65 mS/cm
Appearance	Brown liquid

Important

- Not compatible with soluble phosphate or sulfate based inputs.
- Avoid spraying close to harvest if produce is susceptible to staining.
- **Note:** Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.

Storage & Handling

- Store in a cool dry area out of direct sunlight. This product has been tested to store safely down to 5°C. Crystallisation or sedimentation may occur below 5°C. Do not pre-mix or store in diluted form. Seal lid/cap immediately after use.