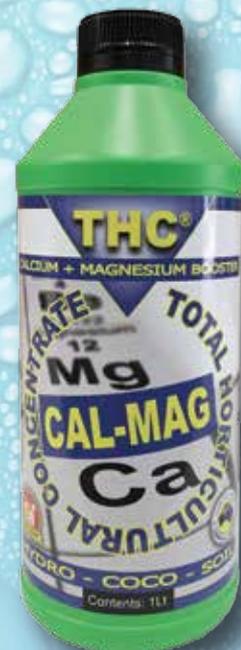


THC[®] CAL-MAG

CALCIUM + MAGNESIUM BOOSTER



Benefits: Hardens soft water / Increases the levels of Calcium and Magnesium in your plants / Improves the quality and overall health of your plants / Prevents and solves your plant's mineral deficiencies / Promotes plant growth / Helps to raise and stabilise EC levels to correct range / Improves leaf growth / Enhances cell structure / Aids plant development / Strengthens plants / Improves fruit and flower production / Increase in nutrient uptake

Calcium and Magnesium are two very important elements for strong plant growth. Calcium and Magnesium are the most abundant minerals in tap water and will influence the water hardness. Normal water has EC level between 0.4 and 0.7. Soft water has EC 0.3 and below. Hard water has EC 0.8 and above and has more Ca and Mg than the plant can handle. Best way to treat that is with RO. Calcium deficiency will start with weak stem, dark foliage and slow growth rates. Once calcium is locked up in plant tissue, it can't translocate to other parts of plant so deficiency symptoms would show in new growth, usually as yellow/brown spots surrounded by sharp brown edge. Unlike calcium, magnesium is a mobile element where in case of deficiency available magnesium will be transported from lower leaves to new growth where its needed most. Symptoms are yellowing between veins and/or rusty brown spots on older leaves. Magnesium is an essential element in chlorophyll - that's what makes the plant green, plays major role in photosynthesis, activating enzymes and transporting sugars whilst calcium plays a crucial role in strengthening the plant's cell wall structure, helps regulate the flow of water movement in cells and act as a buffer when excesses of other elements are present. A constant supply of calcium is needed for continued healthy plant growth. Therefore when **THC Cal-Mag** supplement is used, roots are able to uptake nutrients more freely, meaning your plants receiving more usable levels of not just calcium and magnesium, but also other important element too. In addition the translocation of nutrients once inside the plant is enhanced. **THC Cal-Mag** provides the vital minerals of magnesium and calcium to your plants, which helps to strengthen and accelerate their growth. **THC Cal-Mag** also stops your plants from forming unwanted deficiencies such as yellowing leaves and stunted growth. **THC Cal-Mag** is a concentrated blend of readily available calcium and magnesium, is fully soluble, won't clog your drip emitters, and can be combined with fertilisers. **THC Cal-Mag** optimises your nutrition with the two supplements to prevent secondary nutrient deficiencies and built stronger plant structure. Some plants require higher levels of Calcium and Magnesium to thrive and avoid issues with growth and production. e.g. tomatoes lacking calcium develop blossom end rot or capsicums deficient in magnesium will suffer from yellowing and drooping leaves. Calcium and Magnesium can also be blocked when pH is too low.

Directions: Shake well, Use 1 ml per 1 litre of nutrient solution or water. When growing in coconut substrate or using prepared soil or soil less mixes, pre-buffer your substrate by adding 1 ml per 1 litre of water, adjusting pH to 6.0 to wet the media, and then to nutrient solution for the first 3 weeks of vegetative phase. Continued use may be helpful for fast growing annuals, high Ca and Mg level demanding plants or when calcium is in short supply. It is important not to overdose **THC Cal-Mag** as it may cause negative effect. Use 1 ml per 1 litre of nutrient solution in case of deficiency. Maintain pH level between 5.8 to 6.3.

THC Cal-Mag concentrate is available in 1,5 and 20 Litres.

