



SYMBIO GYPSUM CaSO₄



Benefits

- ✓ *Calcium strengthens the plant's cell walls and physical structure*
- ✓ *Creates correct calcium levels in sandy rootzones for efficient nutrient uptake*
- ✓ *Flocculates clay rootzones provides greater stability of soil organic matter and improves infiltration rates*
- ✓ *Reduces impact of sodium and other metal salts in sodic soils - essential when high EC water or recycled sewage is used for irrigation.*

SYMBIO GYPSUM CASO is a quick and easy way to supply both calcium and sulphur to your soils.

With a typical analysis of calcium as Ca: 27% and sulphur expressed as SO₃: 55% **SYMBIO GYPSUM** is one of the purest calcium sulphate products available on the market and due to its neutralising value of zero, it will not affect the pH of your soil.

CALCIUM AND SULPHUR are essential nutrients for amenity grasses. Soil lacking in either of these minerals can result in poor growth and wasted fertiliser application.

CALCIUM DEFICIENCY normally occurs on sand constructions, on acidic soils where native calcium has leached especially when irrigation water is high in bicarbonates.

APPLYING SYMBIO GYPSUM does not increase the pH of your soil.

Gypsum Application Rates In a sandy soil 1 tonne of gypsum applied evenly to the top 10cm. As a rough guide the ratio of CA:K:Mg in sports turf rootzones should be approx. 7-10:2:1 with magnesium Mg a minimum of 50ppm for efficient nutrient uptake

of rootzone will increase calcium by approx. 200ppm.

To increase calcium 1 tonne applied to tine holes in spring or summer for every 200ppm increase required in the top 10cm of rootzone

To flocculate clay soils 1 - 4 tonnes per hectare. Tine into the rootzone and brush the Gypsum into the tine holes

To reduce sodium in sodic soils For soils with SAR > 12 or ESP > 15%

Calcium replaces sodium on the exchange sites so sodium leaches out, apply about 1.5 tonnes Gypsum per hectare per meq/L of sodium per 10cm depth of soil.

(To convert ppm or mg/L Na⁺ to meq/L, divide by 23; for Ca⁺⁺ divide by 20; and for Mg⁺⁺ divide by 12.2.)

TIMING and APPLICATION

For best results apply in late winter, spring or early summer on fine turf. May be applied at any time on winter sports pitches, lawns and other amenity turf.

PRECAUTION

Do not eat, drink or smoke when using this product.
Do not breathe dust
Do not get in eyes, on skin, or on clothing
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

PACK SIZE: 25kg