Ozgyp™

Granular Ultra Fine Gypsum for Agriculture

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Easy to handle, dust-free, granular form of ultra-fine gypsum.

Calcium is a critical nutrient in all plants as it is essential for normal cell formation and importantly influences the quality of harvested products whether that be fruit, vegetables, grains, seeds or plant material.

In acid soils Calcium supply usually occurs through Lime applications which while correcting soil acidity releases Calcium to the soils Cation Exchange. In instances where crops are grown on neutral or alkaline soils where Lime is not required or on light soils with low Cation exchange where Calcium is poorly held, Gypsum is a solution. Gypsum is Calcium Sulphate and hence when dissolved in the soil releases Calcium as the key nutrient plus Sulphur which is essential for Nitrogen metabolism is also delivered. Gypsum does not alter the pH level of the soil.

Agricultural Gypsum is often low grade with many impurities depending upon quality of the ore it's extracted from. To enable application Ag Gypsum is crushed and ground to large particle sizes around 250 microns plus to allow spreading as a coarse powder through basic belt and moving floor equipment.

Ozgyp is a premium Calcium source

Ozgyp is manufactured from a pure Calcium Sulphate source resulting in high quality nutrient delivery. The hard 2-4 mm granule is formed from ultrafine particles that have been fine ground to a particle size of less than 45 microns resulting in far quicker reactivity and release in the soil when water is applied.

Due to the quality and importantly particle size of Ozgyp where Calcium is required rates of 100-200 kgs per hectare are applied. Small applications regularly maintain Calcium levels in the root zone.

Ozgyp granules can be spread or banded as a straight product at Preplant or Sidedress application timings through all fertiliser application equipment including air, spread, dropper and worm drive units.

The hard granular nature of Ozgyp allows it to be blended with fertilisers and soil amendments to provide complete nutrient delivery to the crop. Amorsil MAX is an ideal blend partner as it holds Calcium applied and other nutrients in the active root zone reducing the effects nutrient losses lower into the soil.

Typical Analysis

- Calcium Sulphate Dihydrate ($CaSO_4\ 2H_2O$) 96%;
- Calcium (Ca) 22.4%; Sulphur (S) 17.9%
- Fineness - D95% = 45 microns (95 % particles less than 45 micron)