



# Quality Standards of Gypsum Products



**ULTIMATE**  
AGRI-PRODUCTS



# Gypsum

The definition of gypsum also currently varies from State to State.

Gypsum is defined by regulations in some States as material containing the sulfate salt of calcium (Ca) in either hydrated or anhydrous form where the amount of that salt in the material is not less than 50%. In most States, the label or the advice note must state the grade of gypsum. In some States, the percentage of gypsum capable of passing through at 2mm sieve must be specified. The generally agreed standards are for the three grades of natural or mined gypsum:

| <b>Quality Standards of Gypsum Products</b> |            |          |                   |
|---|------------|----------|-------------------|
| Product                                     | Ca % (min) | S% (min) | Avg Particle Size |
| Bulk Gypsum Grade 1                         | 19%        | 15%      | 1000 micron (1mm) |
| Bulk Gypsum Grade 2                         | 15%        | 12.5%    | 1000 micron (1mm) |
| Bulk Gypsum Grade 3                         | 12.5%      | 10%      | 1000 micron (1mm) |
| GYP-FLO                                     | 35%        | 25%      | 5 micron          |

Phosphogypsum (a by-product of phosphoric acid production) must contain a minimum of 14% S and 18.5% Ca in NSW, minimum of 14% S and maximum of 20% free moisture in Queensland, and a minimum of 17% S and 21% Ca in Victoria.

Source: CSIRO, Australian Soil Fertility Manual 2000.