



# Calciprill®

The Smarter Way to Lime



THINKING OF TOMORROW



# Granulated Ultrafine Limestone

Calciprill is a 2-6 mm lime granule made from ultrafine, high purity limestone. It is manufactured in Australia by Omya AG, the world's leading producer of ultra-fine calcium carbonate. Calciprill is 36% calcium, an essential nutrient for plant growth. Calciprill is low in dust, easy to spread and breaks down rapidly in moisture. Calciprill can be applied regularly at low rates to maintain a healthy soil pH, replace depleted calcium and alleviate toxicity of certain ions in the soil, such as aluminium. Regular maintenance of soil pH and nutrient balance is agronomically preferable to applying larger quantities of Ag lime on a typical 5 to 10 year basis. Calciprill gives you the option of using your own fertiliser spreading equipment for a more timely application and can lower the risk of introducing off-farm pathogens or weeds. It can also be applied by air to country inaccessible by ground. Calciprill can be direct drilled or air-seeded with lucerne, canola and cereals to aid in crop establishment.

## Benefits

- Enables accurate placement of product with minimal loss to dust drift
- Easy to use with your own spreader – so more flexible
- Can be sown or spread with seed or fertiliser, direct drilled or applied by air seeder
- Effective in precision agriculture and spot treatment
- Good source of calcium, essential for plant growth
- Faster pH adjustment on leased land can save money
- Improved N, P and K availability
- Improved palatability of pasture

## Application Rate Guide (kg/ha)\*

| Soils                 | Top Dressed<br>0.5 pH increase | Direct Drilled Air<br>Seeded |
|-----------------------|--------------------------------|------------------------------|
| Sand/loamy sands      | 300                            | 60                           |
| Sandy/silt loams      | 500                            | 75                           |
| Clay/loamy clays      | 625                            | 100                          |
| 10-15% Organic matter | 750                            | 125                          |
| +25% Organic matter   | 1000                           | 150                          |

Source: Omya International (2017/02)

\* Omya recommends you soil test regularly and seek advice from independent agricultural professionals

| pH                            | 4.5 | 5.0 | 5.5 | 6.0  | 6.5  |
|-------------------------------|-----|-----|-----|------|------|
| N                             | 30% | 43% | 77% | 89%  | 100% |
| P <sub>2</sub> O <sub>5</sub> | 23% | 31% | 48% | 52%  | 100% |
| K <sub>2</sub> O              | 33% | 52% | 77% | 100% | 100% |

## Properties of Calciprill

|                    |                   |                |
|--------------------|-------------------|----------------|
| Chemical Analysis  | CaCO <sub>3</sub> | 90.3% (36% Ca) |
|                    | MgCO <sub>3</sub> | 3.3% (1% Mg)   |
| Particle Sizing    | Before Granul.    | After Granul.  |
|                    | 0 - 100 microns   | 2 - 6 mm       |
| Bulk Density       | 1.1 kg/l          |                |
| Neutralising Value | 95                |                |

### Your Omya contacts are:

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