

Omya Agriculture & Forestry  
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# Calciprill

GRANULATED ULTRAFINE LIMESTONE



THINKING OF TOMORROW





# Calciprill®

LEAVES ALL OTHER LIMES FOR DUST!

Calciprill® is a 2-6 mm lime granule made from finely ground, high purity limestone. It is manufactured in Bathurst NSW by Omya AG, the world's leading producer of ultra-fine calcium carbonate. Calciprill® is low in dust, easy to spread and breaks down rapidly in moisture. 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. To maintain a healthy soil pH, Calciprill® can be applied regularly at lower rates to replace nutrients removed at harvest and to keep soil acidity at bay. Regular maintenance of soil pH and nutrient balance is agronomically preferable to applying larger quantities of aglime on a typical 5 to 10 year basis.

## WHY USE CALCIPRILL®

- Calciprill® is much finer than standard aglime
- Enables accurate placement of product with minimal loss to dust drift
- Easy to use with your own spreader - allows for more flexibility in application
- 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
- Annual applications on short term leased country can save money due to faster pH adjustment

## APPLICATION RATE GUIDE (kg/ha)\*

SOILS	Top Dressed 0.5 pH increase	Direct Drilled Air 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

## NPK EFFICIENCY and SOIL pH

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%

## CALCIPRILL® ANALYSIS

	ELEMENT	TYPICAL VALUE
Chemical Analysis	CaCO <sub>3</sub>	90.3 (36% Ca)
	MgCO <sub>3</sub>	3.3 (1% Mg)
	Molasses Binder	5%

Particle Sizing	BEFORE	AFTER
	GRANULATION	
	0 - 100 microns	2 - 6 mm
Bulk Density	1.1	
Neutralising Value	95	