Omya Agriculture & Forestry
omya.com

Magprill

GRANULATED DOLOMITE

THINKING OF TOMORROW



Magprill®

LEAVES ALL OTHER DOLOMITES FOR DUST!

Magprill® is a 2-6 mm granule made from finely ground, high purity dolomite. It is manufactured in Germany by Omya AG, the world's leading producer of ultra-fine calcium and magnesium carbonates. It is a suitable alternative to Calciprill® (granulated calcium carbonate) where higher levels of magnesium are required. **Magprill®** is low in dust, easy to spread and breaks down rapidly in moisture. **Magprill®** 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 previously inaccessible country. **Magprill®** can be direct drilled or air-seeded with lucerne, canola and cereals to aid in crop establishment. To maintain a healthy soil pH, **Magprill®** 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 dolomite or aglime on a typical 5 to 10 year basis.

WHY USE MAGPRILL®

- Conforms to FiBL requirements for Organic status
- Enables accurate placement of product with minimal loss to dust drift
- Easy to use with your own spreader and allows a more flexible operation
- Can be sown with seed or fertiliser, direct drilled or by air seeder
- Effective in precision agriculture and spot treatment
- Good source of magnesium and calcium, essential elements for plant growth
- Annual applications on short term leased country can save money due to faster pH adjustment

BENEFITS OF MAGPRILL®

- Improved photosynthesis through chlorophyll production
- Reduced plant senescence and increased resistance to pests and diseases
- More efficient synthesis of sugars
- Improved N and P availability
- Increased pasture palatability
- Contributes to balancing calcium and potassium ratios to improve soil structure and health

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

Source: Omya International (2017/02)
* Omya recommends you soil test regularly and seek advice from independent agricultural professionals

MAGPRILL® ANALYSIS

	ELEMENT	TYPICAL VALUE
Chemical Analysis	$CaCO_3$	61% (24% Ca)
	$MgCO_3$	32% (9% Mg)
	Binder	2%

	BEFORE GRANULATION	AFTER GRANULATION
Particle Sizing	0 - 100 microns	2 - 6 mm
Bulk Density	1.1	
Neutralising Value	98	