Omya Magprill®

Magnesium nutrition and soil improvement

THINKING OF TOMORROW

Omya Magprill®

Granulated Magnesium & Calcium Carbonate

Omya Magprill®, a blend of calcium carbonate and magnesium carbonate, has been granulated for easy application and is ideal for soils with magnesium deficiency and low pH. The effectiveness of Omya Magprill® is thanks to the dual function of simultaneously conditioning the soil and adding vital plant nutrients. Since magnesium is vital for photosynthesis, poor magnesium means poor development and stunted growth. The loss of healthy green color in plants can be the first indication of a magnesium deficiency, as color loss reflects a shortage of chlorophyll.

Advantages of Omya Magprill®

- *Readily available calcium and magnesium*
- *Enables accurate placement of product with minimal loss to dust drift*
- *Easy to use with our own spreader*
- *Effective in precision agriculture and spot treatment*
- *Suitable for organic farming*

Application rates (0.1 pH Improvement)

Soils	kg / ha	kg / ac
Sand/loamy sands	60	25
Sandy/silt loams	100	40
Clay/loamy clays	125	50
10-15% Organic matter	150	60
+25% Organic matter	200	80

NPK efficiency vs. soil pH

pH	4.5	5.0	5.5	6.0	6.5
N	30%	43%	77%	89%	100%
P_2O_5	23%	31%	48%	52%	100%
K_2O	33%	52%	77%	100%	100%

Properties of Omya Magprill®

	Element	Typical Value
Chemical Analysis	Ca	25%
	Mg	9%
	Before Granulation	**After Granulation**
Particle Sizing	0 - 200 microns	2 - 6 mm
Bulk Density	1.2 kg/l	
CaO Equivalent	55%	
API Value	80	

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Natural Products for SUSTAINABILITY

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