



**MICORNIZED AND GRANULATED
 GYPSUM**

Gypsum is applied as a soil amelioration as well as a source of available calcium and sulphate. These nutrients are critical in cell wall development and protein synthesis. The Calcium: Magnesium balance in the soil is important for soil aggregation and water penetration.



ADVANTAGES OF MICROGYP

Chemical Composition

MicroGyp offers a guaranteed source of calcium to your soil whilst supplementing with a plant available form of sulphur.

Granulated Nature

Improves efficiency and eliminates over application, therefore it is more cost effective.

5.5% Organic Binder

The organic binder reduces the possibility of phosphate, calcium lock-up.

Fine granulation

Available form of calcium & sulphur

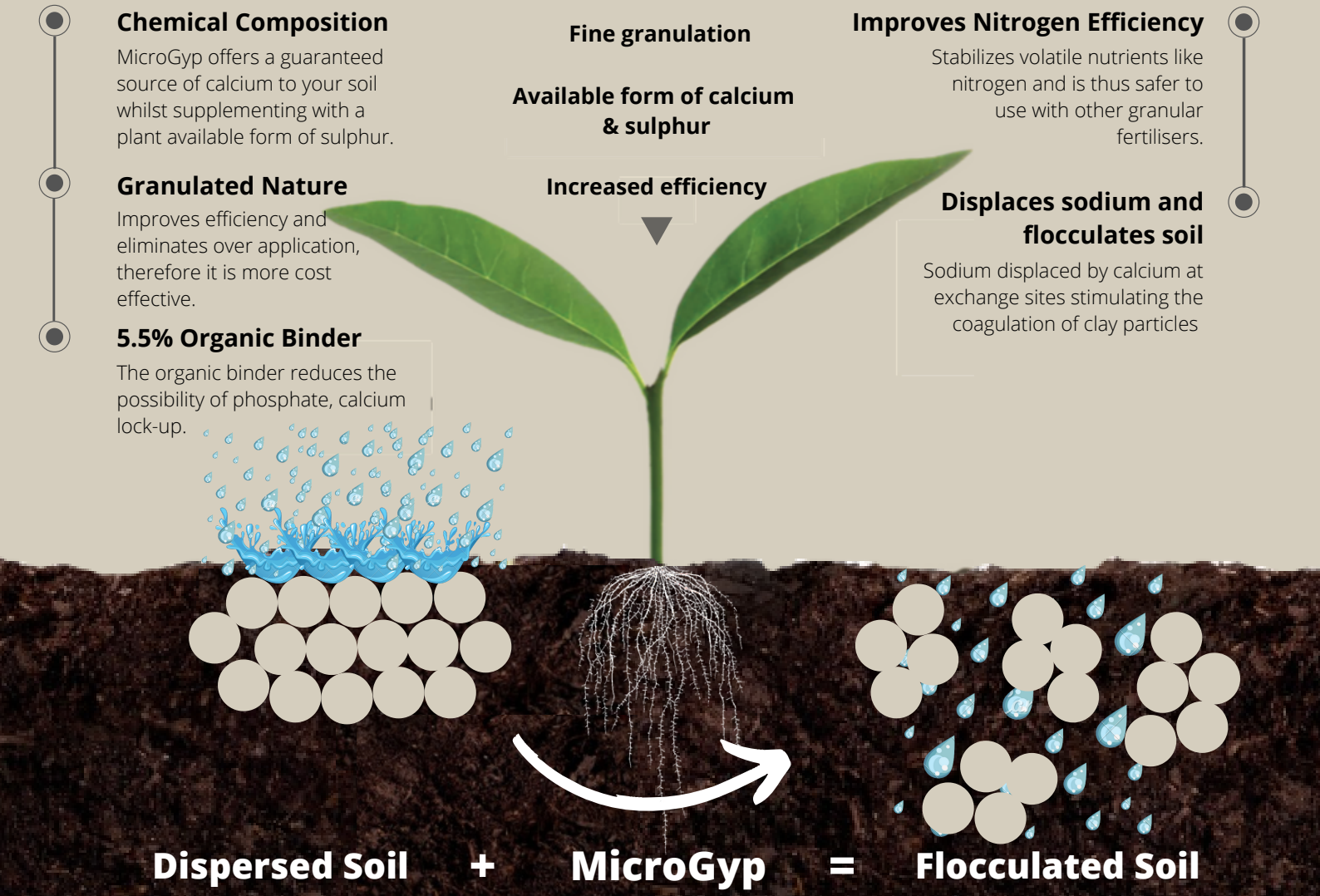
Increased efficiency

Improves Nitrogen Efficiency

Stabilizes volatile nutrients like nitrogen and is thus safer to use with other granular fertilisers.

Displaces sodium and flocculates soil

Sodium displaced by calcium at exchange sites stimulating the coagulation of clay particles



Dispersed Soil + MicroGyp = Flocculated Soil

Indicative Application Rate			
Soil Amelioration	Rectification of Surface crusting	100-300 kg/ha broadcast	
Sodium Displacement	Gypsum required to displace sodium	Exchangeable Sodium (Na) meq	MicroGyp (kg/ha)
		0.1	60
		0.2	100 – 120
		0.3	150 – 200
		1	500 – 600
Fertilization	Application of available Ca + S	15 – 60 kg/ha applied in the planting hole	



The application rates above show that significantly less MicroGyp needs to be applied per ha in comparison to normal powdered gypsum. Please contact your agronomist for specific application rates.



1



2



3

Figure 1. Demonstrates MicroGyp being spread at 200kg/ha with very little dust present during the spreading process.

Figure 2. Demonstrates the spreading of powdered Gypsum showing a large amount of dust, and therefore, product lost.

Figure 3. Magnified image of MicroGyp granules.



www.damarabioagri.com



DAMARA
BIO-AGRI
Harnessing The Power Of Nature.

Sales and Marketing

Office Sales +263 772 666 690
Office Landline +263 867 700 5277
Email Address bioagri@damara.org

Location

Stand 583 Pomona Industrial Park
Borrowdale
Harare