



**PRODUCT INFO
& DATASHEET**

SICO-GRANUDOL 90

Granulated dolomite 60% CaCO₃ + 30% MgCO₃ (= 33.9% CaO + 15.1% MgO)

E.C. Fertiliser - Origin: E.U.

1/2017

1. PRODUCT DESCRIPTION

- Carbonic magnesium lime 90, granulated for arable land, grassland, woodland and garden.
- SICO-GRANUDOL 90 results from granulating super-fine milled dolomite meal.

2. PRODUCT SPECIFICATIONS

* Chemical data

	<u>Standard parameter</u>	<u>Test Result</u>
Calcium Carbonate (CaCO₃)	60 %	60.5 % (= 33.9 % CaO)
Magnesium Carbonate (MgCO₃)	30 %	31.6 % (= 15.1 % MgO)

Alkaline active constituents (rated as CaO) : 53 %
Acid binding value (ABV) : 53-55

* Physical data

- bulk density : approx.. 1170 kg/m³
- specific density : 2.47 g/cm³
- grain size : as granulate ~ 1.6-5.6 mm; after decomposition 90% <0.063 mm

3. EFFECTS

Carbonic magnesium lime supplies lime and magnesium to conserve soil structure, improve soil biology and to raise the pH level. Lime and magnesium dissolve in water in carbonated soils. Therefore for example magnesium can immediately be absorbed by the plant. When using with liquid manure there are no nitrogen losses due to lime.

4. APPLICATION & INSTRUCTIONS FOR USE

- * Arable land
 - recovery liming according to soil analysis
 - conservation liming 3 ton/ha every 3 years
- Grassland
 - recovery liming according to soil analysis
 - conservation liming 1.5-2 ton/ha every 4 years
- Woodland
 - soil protection liming every 10-15 years 3-5 ton/ha
 - soil protection for deciduous wood... 3-5 ton/ha
 - three hole liming and individual plant fertilisation 100-300 g/plant
- Garden
 - recovery liming up to 30 kg/100 m²
 - conservation liming 5-8 kg/100 m² annually for the lawn
 - conservation liming 5-10 kg/100 m² annually for the vegetable bed
 - coversavation liming 12-15 kg/100 m² annually for fruit trees
 - for compost improvement approx. 20 kg/m³
- * by spreading
 - on arable land and grassland by rotary spreader
 - in woodland by helicopter, rotary spreader and by hand
 - well proven and highly suitable for blending machines
 - in the garden with spreading machines or by hand

5. STORAGE

Store dry, decomposes when exposed to water or humidity.

6. PACKING

- by tipper truck-loose (ca 27 ton)
- in 25 or 40 or 50 kg wpp+pe bags (loose bags = about 27.5 MT/20')
- in 1200 kg big bags (24 MT/20')

The product being of natural origin, mentioned values may be subject to variation and are not binding for the company.
Le produit étant d'origine naturelle, les valeurs mentionnées peuvent être sujettes à des variations et n'engagent nullement la société.