

# TECHNICAL INFORMATION

## SUR DOLOMAG

556-53502-000



### DESCRIPTION

SUR DOLOMAG is a direct application soil amendment composed of Calcium Carbonate and Magnesium Oxide; it controls the soil's acidity and improves its physical, chemical, and microbiological conditions. It is ideal for most tropical soils with acidity problems that have a deficiency of these elements. Its fine granulometry and presence of oxides facilitate incorporation and rapid reaction in the soil.

### USE

SUR DOLOMAG can be used on any agricultural crop, as: Pineapple (*Ananas comosus*), Banana and Plantain (*Musa spp.*), Coffee (*Coffea arabica*), Sugar Cane (*Saccharum officinarum*), Citrus (*Citrus spp.*), Avocado (*Persea americana*), Mango (*Mangifera indica*), African Palm (*Elaeis guineensis*), Pejibaye or Palmito (*Bactris gasipaes*), Corn (*Zea mays*), Bean (*Phaseolus vulgaris*), Rice (*Oryza sativa*), Papaya (*Carica papaya*), Melon (*Cucumis melo*), Watermelon (*Citrullus spp.*), Ornamental Plants or Flowers, Tree farms, Pastures, Vegetables such as Tomato (*Solanum lycopersicum*), Chile (*Capsicum annum*), Onion (*Allium cepa*), Lettuce (*Lactuca sativa*), Celery (*Apium graveolens*), Bracicaceae, Roots and Tubers such as White Tiquisque (*Xanthosoma sagittifolium*), Tiquisque Lilac (*Xanthosoma violaceum*), Ñampí (*Colocasia esculenta var antiquorum*), White Yam (*Dioscorea alata*), Yampí (*Dioscorea trifida*), Malanga Coco (*Colocasia esculenta var esculenta*), Malanga Isleña (*Colocasia sp*), Ginger (*Zingiber officinale*), Turmeric (*Curcuma longa*), Yucca (*Manihot esculenta*), Cotton (*Gossypium spp*), Chayote (*Secchium edule*).

Line Agricultural Line

### PROPERTIES

#### SPECIAL PROPERTIES

<b>Physical State</b>	Powder
<b>Form</b>	Spreadable powder

#### PHYSICAL PROPERTIES

#### DATA

Calcium Carbonate (CaCO <sub>3</sub> ) % m/m	87.00
Magnesium Oxide (MgO) % m/m	13.00
Chemical Equivalent (EQ) %	119.00
Particle Size Efficiency (PSE) %	99.80
Total Relative Neutralizing Power (TRNP) %	119.00

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

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Maximum moisture % m/m ≤ 1

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### CONTAINERS and COLORS

#### AVAILABLE CONTAINERS

50 kg Bags

1000 kg. Big Bags

### PRODUCT PREPARATION

#### COMPONENT

#### MIXING RATIO

#### MIXING INSTRUCTIONS

Product: 556-53502-000, SUR DOLOMAG

Ready to use. Do not dilute.

### PRODUCT APPLICATION

#### APPLICATION TOOL

Power spreader

Hand

### Dosage per crop (Kg/ha)

Coffee ( <i>Cofea spp.</i> )	500 – 3000 kg/ha
Pineapple ( <i>Ananas spp.</i> )	500 – 3000 kg/ha
Banana ( <i>Musa spp.</i> )	500 – 3000 kg/ha
Sugar Cane ( <i>Saccharum spp.</i> )	500 – 3000 kg/ha
Lawn	500 – 3000 kg/ha
Tomato ( <i>Solanum spp.</i> ) – Chile ( <i>Capsicum spp.</i> )	500 – 3000 kg/ha
Cultivos Annual Crops	500 – 3000 kg/ha
Perennial Crops	500 – 3000 kg/ha
Vegetables	100 – 1000 kg/ha

### Application conditions

Sur Dolomag requires moisture to react in the soil.

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Due to its alkaline nature, soil fertilizers should not be applied at least for one month after its use.  
The dose can be optimized according to soil analysis.  
Application on windy days is not recommended.

### Application instructions

Spread SUR DOLOMAG directly on the soil, manually or with power equipment.  
For best results, it can be incorporated into the soil profile with hand or power tools, like raking or plowing; it can also be applied directly to the planting ridge, where the roots grow or the fertilization band.

### NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat, between 20 and 30°C to avoid loss of its properties.
- ✓ This product reacts within a maximum period of two to three months on the ground.
- ✓ Check application equipment (spreader) condition before using. Look out for leaks and check its calibration.

### HEALTH

- ✓ Keep out from the reach of children.
- ✓ Registered in Costa Rican MAG: N° 6997
- ✓ Registered in Nicaragua: U-NI-FER-677-2015
- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose
- ✓ This a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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