

TECHNICAL INFORMATION

SUR DOLOMAG SILICIO

556-53506-000



DESCRIPTION

SUR DOLOMAG SILICON is a soil amendment for direct application to improve acidity and the physical, chemical, and microbiological conditions of the soil.

It is composed of Calcium Carbonate, Magnesium Oxide and Magnesium Silicate, it's ideal for most tropical soils with acidity problems that are deficient in these elements. Its fine granulometry and presence of oxides facilitate its incorporation and rapid reaction in the soil. Balances nutrients in the soil and makes the use of fertilizers more efficient.

USE

SUR DOLOMAG SILICIO can be used in any agricultural crop, as Strawberries (*Fragaria sp*), Pineapple (*Ananas comosus*), Banana and Plantain (*Musa spp.*), Coffee (*Coffea arabica*), Sugarcane (*Saccharum officinarum*), Citrus (*Citrus spp.*), Avocado (*Persea americana*), Mango (*Mangifera indica*), African Palm (*Elaeis guineensis*), Pejibaye or Palmito (*Bactris gasipaes*), Corn (*Zea mays*), Beans (*Phaseolus vulgaris*), Rice (*Oryza sativa*), Papaya (*Carica papaya*), Melon (*Cucumis melo*), Watermelon (*Citrullus spp.*), Ornamental Plants, Flowers, Forest Trees, Pastures, Vegetables such as Tomato (*Solanum lycopersicum*), Chile (*Capsicum annuum*), Onion (*Allium cepa*), Lettuce (*Lactuca sativa*), Celery (*Apium graveolens*), Braciacaeae, Roots and Tubers such as White Tiquisque (*Xanthosoma sagittifolium*), Lilac Tiquisque (*Xanthosoma violaceum*), Ñampí (*Colocasia esculenta var antiquorum*), White Yam (*Dioscorea alata*), Yampi (*Dioscorea trifida*), Malanga Coco (*Colocasia esculenta var esculenta*), Island Malanga (*Colocasia sp*), Ginger (*Zingi ber officinale*), Turmeric (*Curcuma longa*), Cassava (*Manihot esculenta*), Cotton (*Gossypium spp*), Chayote (*Secchium edule*) and others.

Línea

Línea Agropecuaria

PROPERTIES

SPECIAL PROPERTIES

State	Solid
Form	Spreadable Powder

PHYSICAL PROPERTIES

DATA

Moisture % (m/m)

≤ 1

Calcium Carbonate (CaCO₃) % m/m

72.30

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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Magnesium Oxide (MgO) % m/m	17.50
Magnesium Silicate (MgSiO ₃) % m/m	10.20
Chemical Equivalent (EQ) %	116.00
Particle Size Efficiency (EG) %	99.45
Total Relative Neutralizing Power (PRNT) %	115.00

CONTAINERS and COLORS

AVAILABLE CONTAINERS

50-kg bags

PRODUCT PREPARATION

COMPONENT

MIXING RATIO

MIXING INSTRUCTIONS

Product: 556-53506-000, SUR DOLOMAG SILICIO

Read label before use

PRODUCT APPLICATION

APPLICATION TOOL

Power Spreader

Manual

Dossage per Crop (Kg/ha)

Coffee (Cofea spp.)	500 – 3000 kg/ha
Rice (Oryza spp.)	500 – 3000 kg/ha
Banana (Musa spp.)	500 – 3000 kg/ha
Tomato – Chili (Solanum spp. – Capsicum spp.)	500 – 3000 kg/ha
Sugarcane (Saccharum spp.)	500 – 3000 kg/ha
Grass	500 – 3000 kg/ha
Annual Crops	500 – 3000 kg/ha

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Perennial crops	500 – 3000 kg/ha
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Vegatables	100 – 1000 kg/ha
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Application conditions

SUR DOLOMAG SILICIO requires moisture to react in the soil.

Due to its alkaline nature, depending on the humidity in the soil, the application of edaphic fertilizers is not recommended for at least one month after the application of this product. The dose can be optimized according to the result of soil fertility analysis.

Application on windy days is not recommended.

Application instructions

Distribute SUR DOLOMAG SILICIO evenly, manually or with power equipment.

For best results, it can be incorporated into the soil with harrow, disc plow or mechanical blades.

It can also be applied directly to the planting ridge, furrows or on the fertilizer 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

HEALTH

- ✓ Registered in Costa Rica: MAG N° 7035
- ✓ Registered in Panamá: MDA N° 6489
- ✓ Registered in Nicaragua: MAGFOR U-NI-FER-480-2013.
- ✓ The user of this product may need the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ 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

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