TECHNICAL INFORMATION

SUR DOLOMAG FÓSFORO

556-53505-000

DESCRIPTION

SUR DOLOMAG FÓSFORO is a soil amendment to apply direct to the grounds to control its acidity and improving its physical, chemical, and microbiological conditions. It's composed of Calcium Carbonate, Magnesium Oxide and Phosphorus Oxide, so it's ideal for most of the tropical soils, mainly of volcanic origin, which usually have deficiencies of those nutrients. Its fine particle size and oxides presence made up for an easy incorporation and a fast reaction in the soil. It balances nutrients in the soil and enhances the efficiency of fertilizers.

USE

SUR DOLOMAG FÓSFORO is an amendment that can be used in any type of soil, especially with acidity problems. It can be used in any agricultural crop, as Strawberries (Fragaria sp), 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 annuum*), 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 (*Discorea 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)* and others.

Line	Agricultural Line

PROPERTIES

SPECIAL PROPERTIES

Physical State	Solid
Form	Spreadable powder

PHYSICAL PROPERTIES	DATA
Moisture % (m/m)	≤ 1
Calcium Carbonate ($CaCO_3$) % m/m	83.00

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Magnesium oxide (MgO) % m/m	11.00
Phosphorus (P_2O_5) % m/m	6.00
Chemical Equivalent (EQ) %	109.90
Particle Size Efficiency (PSE) %	94.40
Total Relative Neutralizing Power (TRNP) %	103.70

CONTAINERS

AVAILABLE CONTAINERS

50 kg bags

1000 kg. Big bags

PREPARACIÓN DEL PRODUCTO

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 556-53505-000, SUR DOLOMAG FÓSFORO		Read label before use.

PRODUCT APPLICATION

APPLICATION TOOL

By Hand Fertilizer Spreader

Dosage per Crop (Kg/ha)

Coffee (Cofea spp.)	500 - 3000 kg/ha
Pineapple (Ananas spp.)	500 - 3000 kg/ha
Banana (Musa spp.)	500 - 3000 kg/ha
Tomato - Chile (Solanum spp. - Capsicum spp.)	500 - 3000 kg/ha
Lawn	500 - 3000 kg/ha
Sugar Cane (Saccharum spp.)	500 - 3000 kg/ha

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Annual Crop	500 - 3000 kg/ha
Perennial Crops	500 - 3000 kg/ha
Vegetables	100 - 1000 kg/ha

Application conditions

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

Application instructions

Spread SUR DOLOMAG PHOSPHORUS manually or with fertilizer spreader.
For best results it should be mixed into the soil with hand or power equipment; it can also be applied directly to the planting ridge, the area where roots grow or over 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.
- ✔ This product reacts within a maximum period of two to three months on the ground.

HEALTH

- ✔ Mantenga fuera del alcance de los niños.
- ✔ Registered in Costa Rica: MAG N° 7036
- ✔ Registered in Panama: MDA: N° 6456
- ✔ Registered in Nicaragua: MAGFOR U-NI-FER-477-2013.
- ✔ 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
- ✔ 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