

TECHNICAL INFORMATION

SUR FLOW CALCIO MAGNESIO

556-53701-000



DESCRIPTION

SUR FLOW CALCIO MAGNESIO it's a soil amendment from the only family of water-dispersible amendments which facilitates its drench application to the soil with agricultural sprayer equipment.

This product offers an amendment's best version, since it provides rapid acidic control and improves the soil's physical, chemical, and microbiological properties, with proven residual effects even after 9 months.

SUR FLOW CALCIO MAGNESIO is a micronized amendment with results in less than 48 hours. Composed of Calcium Carbonate and Magnesium Oxide with extra fine particles, which facilitates suspension in water, easy application, very fast incorporation, and reaction in the soil.

USE

SUR FLOW CALCIO MAGNESIO is an excellent source of calcium and magnesium which, due to its extra fine particles, reacts very quickly in the soil, making nutrients available to plants. It can be used in any agricultural crop such 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*), Beans (*Phaseolus vulgaris*), Rice (*Oryza sativa*), Papaya (*Carica papaya*), Melon (*Cucumis melo*), Watermelon (*Citrullus spp.*), Ornamental Plants, Short Flowers, Forest Trees, Pastures, Vegetables, Tomato (*Solanum lycopersicum*), Chili (*Capsicum annum*), Onion (*Allium cepa*), Lettuce (*Lactuca sativa*), Celery (*Apium graveolens*), Brasicaceae, Tiquisque (*Xanthosoma spp*), Yampi (*Colocasia esculenta*), Yam (*Dioscorea alata*), Yampi (*Dioscorea trifida*), Malanga (*Colocasia spp*), Ginger (*Zingiber officinale*), Turmeric (*Curcuma longa*), Cassava (*Manihot esculenta*), Cotton (*Gossypium spp*), Chayote (*Secchium edule*) and others.

Line Agricultural Line

PROPERTIES

SPECIAL PROPERTIES

Physical State	Solid
Form	Wettable powder

PHYSICAL PROPERTIES

DATA

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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Calcium Carbonate (CaCO ₃) % m/m	96.00
Moisture max. %m/m	1
Magnesium oxide (MgO) % m/m	4.00
Chemical Equivalent (EQ) %	104.10
Granulometric Efficiency (GE) %	100.00
Total Relative Power of Neutralization (PRNT) %	104.10

CONTAINERS AND COLORS

AVAILABLE CONTAINERS

25 kg bags

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 556-53701-000, SUR FLOW CALCIO MAGNESIO		Read label before use

PRODUCT APPLICATION

APPLICATION TOOL

Backpack Sprayer Spray boom

Dossage per Crop (Kg/ha)

Perennial Crops	From 50 to 300 kg/ha
Anual Crops	From 50 to 300 kg/ha
Seedlings	From 5 to 10 kg/ha

Application conditions

A previous calibration is recommended.

Be sure to use the appropriate nozzles for the volume of water to be used. If possible, keep stirring the liquid during application.

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Due to the alkaline nature of the product, soil fertilizers should not be used for at least two weeks after application.

This product should not be mixed with other agrochemicals.

For best results, the dose can be adjusted following appropriate soil fertility analysis.

Instrucciones de aplicación

Pour SUR FLOW CALCIO MAGNESIO in a clean container free from residues of other pesticides; add a small amount of water to form a smooth paste, wait some 30 seconds and add more water slowly, while stirring, until the desired volume is reached.

Use water that does not exceed 140 ppm hardness.

Spread manually or with a power sprayer, drenching the soil evenly over the entire field, on the planting ridge, in the furrows or in the fertilizer band.

When applying thru irrigation system; first let at least 5 minutes of clean water to run thru the system, then pour apply SUR FLOW CALCIUM MAGNESIUM and be sure to allow at least 5 minutes of clean water flush time.

NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Because of its alkaline pH, compatibility tests should be done before mixing it with other products and a thorough washing of the equipment should be carried after application.
- ✓ Container should always be kept closed and stored in a dry and ventilated place, otherwise it can absorb ambient moisture and agglomerate or form lumps, which affects its ability to disperse in water. Keep away from children

HEALTH

- ✓ Registered in Costa Rica: N° 7251.
- ✓ Registered in Panama N° 6459.
- ✓ Registered in Nicaragua: U-NI-FER-550-2014.
- ✓ 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

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