

TECHNICAL INFORMATION

SUR FLOW CALCIO

556-53700-000



DESCRIPTION

SUR FLOW CALCIO it's a water suspended soil amendment for drench application with sprinkler equipment. It provides rapid control of soil acidity and improves its physical, chemical, and microbiological properties. Composed of ultrafine calcium carbonate, its exclusive formulation allows it to be suspended in water and incorporated into the soil profile. even when applied to vegetation or stubble.

Controls acidity and provides Calcium and improves the soil's physical, chemical, and microbiological properties. Its exclusive formulation allows it to be quickly incorporated into the soil profile,

USE

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*), 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*), Brasicaceae, 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*) and others.

Certified by KIWA BCS to be used in organic agriculture.

Line Agricultural Line

PROPERTIES

SPECIAL PROPERTIES

Physical State	Solid
Form	Wettable Powder

PHYSICAL PROPERTIES

DATA

Calcium Carbonate (CaCO ₃) % m/m	100.00
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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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Chemical Equivalent (EQ) %	97.50
Particle Size Efficiency (PSE) %	100.00
Total Relative Neutralizing Power (TRNP) %	97.50
Moisture % (m/m)	≤1

CONTAINERS and COLORS

AVAILABLE CONTAINERS

25 kg bag

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 556-53700-000, SUR FLOW CALCIO		Read label before use.

PRODUCT APPLICATION

APPLICATION TOOL

Backpack Sprayer Spray boom

Dosage per crop (Kg/ha)

Coffee (Cofea spp.)	50 – 300 kg/ha
Pineapple (Ananas spp.)	50 – 300 kg/ha
Sugar cane (Saccharum spp.)	50 – 300 kg/ha
Tomato – Chile (Solanum spp. – Capsicum spp.)	50 – 300 kg/ha
Oil Palm (Elaeis spp.)	50 – 300 kg/ha
Vegetables	10 – 100 kg/ha
Lawns	50 – 300 kg/ha
Annual crops	50 – 300 kg/ha

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Perennial crops	50 – 300 kg/ha
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Seedlings	5 – 10 kg/ha
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Application conditions

Apply with a water volume over 600 L/ha and use nozzles with a discharge over 1.5 L/min (0.4 gal/min).

Adjust dosage prior to application and make sure to select the appropriate nozzle size for the water volume used. If possible, keep stirring during application.

Due to the alkaline nature of this product, the use of edaphic fertilizers is not recommended for at least two weeks after application. Also, it's not recommended to mix it with other agrochemicals.

A 50% to 65% mix concentration is recommended (50 to 65 kg per 100 liters of water).

For better results, the dose can be adjusted according to the result of the soil fertility analysis, consider that the extra fine granulometry of SUR FLOW CALCIO considerably increases its efficiency in the soil. Consult an agricultural science professional.

When preparing the suspension, have in mind the volume of the product with respect to the final volume of the mixture.

Application instructions

Put Sur Flow Calcium in a clean container free of residues of other pesticides; add a small amount of water to form a paste, wait for 30 seconds and add more water slowly, stirring it until reaching the desired volume.

Keep stirring for at least 2 minutes

Use clean water, not exceeding 140 ppm in hardness.

Apply with a manual or power sprayer, uniformly over the whole terrain, or over the planting ridge, furrows, or over 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, otherwise it can absorb ambient moisture, agglomerate, or form lumps, affecting its ability to disperse in water.
- ✓ Because of its alkaline pH, a compatibility test should be done before mixing it with other product and wash thoroughly the equipment with water after application.
- ✓ Check the condition of the application equipment (backpack sprayer, spray boom): before using it, looks for leaks or parts in bad condition. Calibrate equipment before use.

HEALTH

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- ✓ Registered in Costa Rica, MAG: N° 7267
 - ✓ Registered in Panama, MDA N° 6461
 - ✓ Registered in Nicaragua, MAGFOR: U-NI-FER-476-2013
 - ✓ This is 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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