

TECHNICAL INFORMATION

SUR FLOW AZUFRE

Sulphur Soil Amendment

556-53705-000



DESCRIPTION

SUR FLOW AZUFRE is a soil amendment that, due to its formula and grain-size, is part of the only family of water-dispersible amendments, so its suitable for drench application with agricultural sprayer equipment.

This product offers you the best possible of the amendments, since it gets a rapid control of the soil acidity and improves its physical, chemical, and microbiological properties, with a residual effect proved even after 9 months. Its exclusive formula allows for a quick incorporation into the soil profile, even when applied over vegetation or stubble.

SUR FLOW AZUFRE is a micronized amendment with effects in less than 48 hours. It is composed of Calcium Sulphate with extra fine particles for a rapid absorption and reaction within the soil profile. It controls acidity, provides Calcium and Sulfur, improves physical, chemical, and microbiological properties, particularly in soils with high clay and metal contents toxic for plants, as Iron and Aluminum.

USE

SUR FLOW AZUFRE is an excellent amendment to control soil acidity; it is also a source of calcium and sulfur that can be used by any type of 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*), Braciacaceae, 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*).

Certified by KIWA BCS as suitable for use in organic agriculture.

Line Agricultural Line

PROPERTIES

SPECIAL PROPERTIES

Physical State

Solid

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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Form: Wettable powder

PHYSICAL PROPERTIES	DATA
Calcium Oxide (CaO) % (m/m)	30.00
Sulphur (S) % (m/m)	17.00
Chemical Equivalent (Eq) %	60.38
Particle Size Efficiency (PSE) %	100.00
Total Relative Neutralization Power (TRNP) %	60.38
Maximum Moisture %	1

CONTAINERS and COLORS

AVAILABLE CONTAINERS

25 kg bags

PRODUCT APPLICATION

Dosage per crops (Kg/ha)

Perennial or Annual crops

Oil Palm (Elaeis spp.),
Avocado (Persea spp.),
Citrus (Citrus spp.),
Banana (Musa spp.),
Coffee (Cofea spp.)
Rice (Oryza spp.),
Tomato (Solanum spp.)
Chili – Capsicum spp.),
Sugarcane (Saccharum spp.),
Maize (Zea spp.)

From 50 to 300 kg/ha

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Pineapple (Ananas spp.) Vegetables, Ornamental in general, Short Flowers, Roots and Tubers, pastures	
Seedlings	From 5 to 10 kg/ha

APPLICATION CONDITIONS

Before applying Sur Flow Azufre, a dose 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.

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.

If applied thru irrigation systems, do not use acidic products to wash piping after application.

It is advised to apply using more than 600 liters of water per hectare and using nozzles than can dispense more than 1.5 liters per minute (0.4 gal/min).

Dose calibration is recommended. Be sure to use the appropriate nozzles for the water volume to be used. If possible, keep shaking during application.

Due to the alkaline nature of this product, do not use soil fertilizer for at least two weeks after this application.

Do not mix it with other agrochemicals.

For better results, this dose can be adjusted according to soil fertility analysis.

Consider that the extra fine granulometry of SUR FLOW AZUFRE has a significant increase in its efficiency.

Consult an agricultural professional.

When mixing this product with water, remember to include the volume of the product in the final volume of the mixture.

APPLICATION INSTRUCTIONS

Pour SUR FLOW AZUFRE 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.

NOTICE

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- ✓ 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.
 - ✓ Check the status of application equipment (backpack sprayer, spray boom, etc.), and look for leaks of malfunctions of any sort. Do a calibration test before applying.

HEALTH

- ✓ Keep out of reach of children,
- ✓ MAG Costa Rica registry N° 9583.
Registered in Nicaragua: U-NI-FER-1006-2019
- ✓ 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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