



DESCRIPTION

SURKAL is a liquid fertilizer that can be applied by drenching or foliar. Applied to the soil, it's optimal to supply calcium and nitrogen to crops. Its extremely fine particles and liquid formula makes up for an almost immediate reaction in the soil, allowing a rapid balance of nutrients. In foliar applications, it strengthens cell walls and improves their resistance or tolerance to diseases and climatic conditions.

USE

SURKAL can be applied by drenching or foliar in almost any crop, like 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 (*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	Liquid
Form	Concentrated Suspension

PHYSICAL PROPERTIES

DATA

Calcium Oxide (CaO) % (m/m)	54.00
Nitrogen (N) % m/v	6.00
pH	10 - 12
Density (kg/l)	1.68

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.

TECHNICAL INFORMATION

SURKAL

556-53400-000



CONTAINERS and COLORS

AVAILABLE CONTAINERS

1 Liter plastic bottle

4 Liter plastic bottle

20 Liter plastic bucket

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 556-53400-000, SURKAL		Read label before using. Fill $\frac{3}{4}$ of the tank with clean water (do not exceed 140 ppm in hardness), add the appropriate dose of SURKAL while stirring and fill the tank to the desired volume.

PRODUCT APPLICATION

APPLICATION TOOL

Backpack Sprayer Power Sprayer Spray boom

Dosage per crop (litros/ ha)

Perennial crops	Drench: 10 – 20 Lt/ha Foliar: 1 – 3 Lt/ha
Annual crops	Drench: 5 – 10 Lt/ha Foliar: 0.5 – 2 Lt/ha
Seedlings	At substrate: 0,2 – 0,5 Lt/ha

Application conditions

Due to its alkaline nature, SurKal should not be mixed with other agrochemicals.

If you want to mix it with other products, do a stability test of the mixture and chemical compatibility,

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keeping a close proportion of the dose to be used.

Application Instructions

In soil drenching application, aim for the area where roots grow or on the fertilization band.

In foliar application, be sure to cover both sides of the leaves and avoid dripping.

NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Check the status of the application equipment (backpack sprayer, spray boom): before using it, looks for leaks or parts in bad condition. Calibrate equipment before use.
- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, to avoid loss of its properties.
- ✓ 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.

HEALTH

- ✓ Registered in Costa Rica: MAG: N° 7457.
- ✓ Registered in Nicaragua: MAGFOR U-NI-FER-544-2014.

- Registered in Panama: MDA N° 6487.
- ✓ 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
- ✓ 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>

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