

TECHNICAL INFORMATION

ABONO ORGÁNICO

Organic Fertilizer

556-55600-000



DESCRIPTION

ABONO ORGÁNICO is a fertilizer produced from wood chips from agroforestry residues, through a bacterial composting process under controlled conditions, to avoid pathogenic microorganisms and pest insects. Its contribution of organic matter improves physical and chemical properties of the soil such as aeration, structure, moisture retention and nutrient retention, for a more efficient use of traditional fertilizers. It also provides microorganisms, mainly beneficial bacteria, which helps to balance the relationship between bacteria and fungus in soils with high fungal counts, such as those that have had grass cover.

USE

ABONO ORGÁNICO is excellent to be mixed with soil for agriculture, orchard, or garden, especially in short-cycle and potted plants. Organic matter, beneficial bacteria, and nutrients, when mixed with soil, promote proper development of plants. It can be applied manually, with spreader equipment or mixed with substrates such as PERLITA, PIEDRA PÓMEZ, FIBRA DE COCO, BIOCHAR, and others.

Line Agricultural Line

CARACTERÍSTICAS

SPECIAL PROPERTIES

Physical State	Solid
Form	Flakes

PHYSICAL PROPERTIES

DATA

Nitrogen (N) % m/m	0.5 - 1.0
Phosphorus (P ₂ O ₅) % m/m	0.1 - 0.5
Potassium Oxide (K ₂ O) % m/m	0.1 - 1.0
Magnesium oxide (MgO) % m/m	0.1 - 1.0
Calcium Oxide (CaO) % (m/m)	5.0 - 10.0
Iron (Fe) % (m/m)	1.0 - 5.0
Manganese (Mn) % m/m	0.04 - 0.06
Percentage of organic matter %	20 - 30

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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Carbon Nitrogen Balance (C:N)	20-30
Maximum moisture %	20.0
pH (10% aqueous solution)	7.5 - 8.5
Density (g/ml)	0.4 - 0.7
Particle size (mm)	1 - 4

CONTAINERS and COLORS

AVAILABLE CONTAINERS

2kg. plastic bag

5kg. plastic bag

30 kg. bag

PRODUCT PREPARATION

COMPONENT

MIXING RATIO

MIXING INSTRUCTIONS

Product: 556-55600-000, ABONO ORGÁNICO

Read label before use

PRODUCT APPLICATION

APPLICATION TOOL

Hand

Shovel

Garden Tools

Application Instructions

Agriculture: in degraded soils with low nutritional content, use from 0.5 to 1.5 tons/ha.

In soils with adequate nutrient content, use from 100 to 500 kg/ha.

In vegetables: add 2 to 5 kg per each square meter, for better results, use a shovel to mix it with soil.

Gardening: place it in a suitable container, add soil and other aggregates to get a 10 to 50 % ratio between ABONO ORGÁNICO and the rest of the ingredients (50 to 500 grams per 500 grams of the rest of the components).

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Fill the pot or tray and slowly shower with water until it comes out of the drainage holes. Once the soil mix is moistened, you can transplant.

For small pots (500 ml), place 10 to 15 grams (one large tablespoon).

In medium pots (1 to 2 liters), place 20-30 grams (two large tablespoons).

In large pots (5 to 20 liters), place 100 to 300 grams (1/2 to 2 cups) depending on the size of the pot.

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.
- ✓ 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

- ✓ The user of this product may need the 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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