

E R G O F I T O I N A C T I O N

Give Nature What Nature Wants

Grapes



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GRAPES:

A grape is a fruiting berry of the deciduous woody vines of the botanical genus *Vitis*. Grapes can be eaten raw or they can be used for making wine, jam, juice, jelly, grape seed extract, raisins, vinegar, and grape seed oil. Grapes are a non-climacteric type of fruit, generally occurring in clusters.

GRAPES FACTS:

Cultivating table grapes or wine grapes are generally two different techniques. As Ergofito only looks at the rhizosphere and the general health of the plant, the Ergofito application is the same for all grapes.

It is worth noting that the organoleptic, the dimensions, the colour, the shelf life and all general quality aspects of table grapes are influenced by numerous factors such as:

- Soil composition
- Humus presence in the soil
- Fertilization
- Sunshine period
- Climate
- Air quality
- Quantity and quality of rainfall
- Irrigation water quality
- Plants diseases

Following is a procedure to strengthen the vine immune system, the cellular membranes, increase the percentage of dry matter, thickening and render more robust the grape's skin, reduction in eliminating the drying of roots.

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With this technique, vines and grapes are more resistant to bacterial diseases, fungal diseases such as:

- Phomopsis viticola
- Plasmora viticola
- Ucinula spp of the Erisifaceae
- Botrytis cinerea
- Pearson Fries
- And others

Also phytophagous insect attacks such as:

- Ladybug (harmonia axyridis)
- Thrips (thysanoptera)
- Moth
- Aphids

APPLICATION:

Ground preparation:

Bio Agent	Quantity	Area
ERGOSTART BIO	125 Kg	Per Hectare

Although this first step is a recommendation only, therefore is optional, we strongly advise the application to ensure that the soil has a healthy bacteriological activity prior seeding or transplanting seedlings.

Following application of the **Ergostart Bio**, wait 15 days prior seeding or transplanting. The above is applied with sufficient water, diluted 1:50 (1Kg of product to 50 liters of water). **Ergostart Bio** will immediately start decomposing all inert organic matter into plant food. More important it will de-mineralize any accumulation in the

rhizosphere that is and has suffocated the soil. It will start by converting all of the above into humus, thus rejuvenating tired soils and allow normal and healthy roots development.

Derived advantages of using all vine trimmings with Ergostart Bio and Urea:

- Transformation of residues into humus
- Increase in cationic exchange
- Increase in Phosphor solubility
- Reduction in problems caused by the nutritional imbalances and micro deficiencies
- Strengthening of the useful microbial activity
- Reduction in spaces used by pathogens

Ergofito Universal Plus application:

After ensuring that the soil has all the required minerals, trace elements, correct Ph. and its fertilization, apply **Ergofito Universal Plus** in the following manner:

First Application:

Bio Agent	When	Area
Ergifito Universal Plus	When Applying fist Fertilizer	10 Kg Per Hectare

Second Application:

Bio Agent	Quantity	Area
Ergifito Universal Plus	When Buds Reach 10cm in Length	10 Kg Per Hectare

To apply the above to either the soil or as foliar application, mix **Ergofito Universal Plus** with water at a minimum ratio of 1:200.

Ergofito Universal Plus can be distributed radically via the drip irrigation simultaneously with the regular fertilization. It can be applied via a pivot, bowser or any existing method of irrigation available.

IMPORTANT:

- Avoid treating and fertilizing during the hottest hours of the day
- Shake all **Ergofito** and **Micromix** bottles and containers well prior usage
- Ensure that there are no deficiencies in the soil
- Reduce the current chemical basic fertilizer dosages and all anti-parasites products by 20 % during the first year.



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