

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

Give Nature What Nature Wants

## Flowers and Shrubs



ERGOFITO

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## **FLOWERS:**

A flower, sometimes known as a bloom or blossom, is the reproductive structure found in flowering plants (plants of the division Magnoliophyta, also called angiosperms). The biological function of a flower is to effect reproduction, usually by providing a mechanism for the union of sperm with eggs. Flowers may facilitate outcrossing (fusion of sperm and eggs from different individuals in a population) or allow selfing (fusion of sperm and egg from the same flower).

Some flowers produce diaspores without fertilisation (parthenocarpy). Flowers contain sporangia and are the site where gametophytes develop. Flowers give rise to fruit and seeds. Many flowers have evolved to be attractive to animals, so as to cause them to be vectors for the transfer of pollen.

In addition to facilitating the reproduction of flowering plants, flowers have long been admired and used by humans to beautify their environment, and also as objects of romance, ritual, religion, medicine and as a source of food.

## **GROWING FLOWERS COMMERCIALY:**

Flowers like any plant requires a healthy rhizosphere in order to grow and be healthy. The correct dry matter content, often compromised by the prolonged usage of chemical fertilizers is often lacking, thus reducing the flower's ability to withstand premature wilting.

Normally chemical fertilization is never efficient and its intended purpose decreases in efficiency with time and usage.

Basically if the plant is not in equilibrium with the soil, it cannot absorb what it requires. It is economically wrong to continue this fertilization practice which does not take into consideration the needs of the Rhizosphere and its bacteria colony.

The conclusion is that often, what is missing in most soils is not nutrition but the correct microbiological activity needed by the plant to absorb it.

## **INCREASING YIELD AND PLANT'S HEALTH:**

Once the natural microbial activity is back in the soil and the rhizosphere is active, the plant will react positively and rapidly. Normal fertilisation can be reduced by 30% and replaced with the following:

### **Ground preparation:**

Ground preparation will decompose all organic matter in the soil and transform it into humus. By transforming all exudates into plant food, the feeder roots will expand.

By increasing the roots density, water and fertilizer retention will increase dramatically, hence reducing the cost of production.

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**Yearly Foliar Application:**

What to Apply	Quantity	When
<b>ErgostartBio</b>	125Kg per Hectare	Immediately
<b>ErgostartBio</b>	or 110 Pounds per Acre	Immediately

*The above is a radical application and can be simply mixed in the irrigation system.*

Please note: If the soil condition is good and earthworm activity is present, the above step can be by-passed. The above is for soils that require conditioning only.

**Second Application:**

Once the ground preparation is at work, within 15 days, the following should be applied. However if the ground preparation was by-passed, it can be applied immediately.

This application can be radical or foliar.

What to Apply	Quantity	When
<b>Ergofito Universal Plus</b>	15Kg per Hectare Total	Applied over Four Applications Once per Week
<b>Ergofito Universal Plus</b>	or 13 Pounds per Acre	Applied over Four Applications Once per Week

**NATURE AT ITS BEST:**

The picture below shows a garden bush in a private home in Saudi Arabia prior application of **Ergofito Universal Plus**:



Below is the same bush after one single application of **Ergofito Universal Plus**: At the back the untreated bush shows the usual flowering.



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