

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

Give Nature What Nature Wants

## Seeds



ERGOFITO

[www.ergofito.co.za](http://www.ergofito.co.za)

Tel: + 27 21 447 7114 / Email: [ergofito@telkomsa.net](mailto:ergofito@telkomsa.net)

## **ERGOFITO SEMI:**

This formulate in **Ergofito Semi** develops several important functions (biochemical, biophysical and defense) in the seeding, budding, emergence and growth.

### **Specifically:**

Protects the seed from fungi parasites

Develops enzymes that stimulate budding and reduce losses considerably

Brings microorganisms that optimize the micro habitat in a spherical radius 5 to 10 times the seed diameter which reduces all stress causes which the small root encounters when it emerges from the seed

Vegetal extracts that stimulate a rapid growth of the root with the emission of numerous capillaries

The rapid growth of the root system allows the plant to better absorb and in greater measure the present elements in the soil, thus growing faster with increased vigor.

The mineral catalyzers, in synergy with the other components results in optimum capacity of cationic exchange optimizing the pH. and at the plant's request, solubilize the nutrients in the substrate, which are normally not soluble.

Particular complex molecule of silica and carbon reduce the energy which the plant needs to commit for the lymphatic liquids circulation as they increase the capillarity's fig phenomena.

The combined complex molecules of silica, carbon micro-organisms and humectants reduce and eliminate the hydric stress, as this captures the air humidity and give it to the plant. This action saves energy required by the plant to seek water in the substrate and bring it up to the leaves. By this action between 50 and 75% of irrigation water can be saved. Thermal stress is also reduced with every irrigation as the water has a different temperature to the one in the substrate.

The presence of particular silicates increases the capture of photons, considerably increasing chlorophyllian photosynthesis.

The combined energy saving and stress reduction abates the losses, which plant's sicknesses favours. The growth is therefore more harmonious and luxuriant

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## **ERGOFITO SEMI DOSAGE:**

Dilute in sufficient water to totally wet the seeds with **Ergofito Semi**, nebulize the seed and then dry the water to conserve it for packaging

- For seeds like lettuce, mint, herbs, use 1Kg of **Ergofito Semi** per 100 000 000 seeds
- For seeds like parsley, celery, alfalfa, use 1Kg **Ergofito Semi** per 500 000 seeds
- For seeds like tomato, peppers, eggplant, use 1 Kg **Ergofito Semi** per 250 000 seeds
- For seeds like watermelon, marrows, cucumber, use 1 Kg **Ergofito Semi** per 200 000 seeds
- For seeds like Grain, wheat, soya, use 0,2 Kg **Ergofito Semi** per the amount of seeds used in 1 hectare



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