

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

Give Nature What Nature Wants

Moringa Trees



ERGOFITO

www.ergofito.co.za

Tel: + 27 21 447 7114 / Email: ergofito@telkomsa.net

MORINGA TREE:

Moringa Oleifera is the most widely cultivated species of the genus *Moringa*, which is the only genus in the family Moringaceae. English common names include: Moringa, drumstick tree (from the appearance of the long, slender, triangular seed-pods), horseradish tree (from the taste of the roots, which resembles horseradish), ben oil tree or benzoil tree (from the oil which is derived from the seeds).

It is a fast-growing, drought-resistant tree, native to the southern foothills of the Himalayas in northwestern India, and widely cultivated in tropical and sub-tropical areas where its young seedpods and leaves are used as a vegetable.

ERGOFITO COMPLETE ORGANIC FERTILIZATION:

Due to the multi harvest for direct human nutrition of the Moringa tree, it is highly recommended to use this fertilization program from inception. Ensuring a healthy organic growth and avoiding the risk of humus mineralization from chemical fertilizer usage.

SAPLINGS:

A healthy sapling will make a great difference when planting.

Saplings, like all plants, require a healthy rhizosphere to thrive. There are numerous media and fertilization approaches for saplings, but radical health is vital in all cases.

In order to ensure correct beneficial microbial activity at root level, a small dose (1 gram) of **Ergofito Universal Plus** per sapling is recommended.

Apply the dosage every 20 days for five applications or until transplanting (please refer to “**Ergofito Benefits**” brochure for listed benefits)

YEARLY FERTILIZATION:

Planting density will affect the rate of application of fertilizer. The density varies according to the chosen method. The following table indicates production per hectare related to plants high density.

ERGOFITO

www.ergofito.co.za

Tel: + 27 21 447 7114 / Email: ergofito@telkomsa.net

Table based per hectare for high density:

Plant Density	Fresh Matter	Dry Matter
95 000 plants per hectare	19,6 tons per hectare	3,33 tons per hectare
350 000 plants per hectare	29,7 tons per hectare	5,05 tons per hectare
900 000 plants per hectare	52,6 tons per hectare	8,94 tons per hectare
1 000 000 plants per hectare	78 tons per hectare	13,26 tons per hectare

NB: Very high density planting is not recommended and leads to high plant mortality, up to 40% of the plants will die, due to lack of light and other factors. High density planting is generally used for leaves only harvesting.

NB: Low density planting is generally used to produce trees to harvest pods and roots.

ALL APPLICATIONS ARE PER 95 000 PLANTS:

FIRST APPLICATION:

Apply once a year in the diameter of the canopy on the ground around the tree:

Bio Agent	Quantity	When
Ergostart Bio	200 Kg	100 Kg One Month Prior to Planting 100 Kg Just Before Planting

The above is applied with sufficient water, generally diluted 1:50, (1Kg of product to 50Liters of water). **Ergostart Bio** will immediately start decomposing all inert organic matter into plant food. More importantly it will de-mineralize any accumulation in the rhizosphere that has suffocated the soil. It will start by converting all of the above into humus, thus rejuvenating tired soils and allowing normal and healthy root development.

ERGOFITO

www.ergofito.co.za

Tel: + 27 21 447 7114 / Email: ergofito@telkomsa.net

SECOND APPLICATION: (Radical or Foliar per Hectare)

Bio Agent	Quantity	When
Ergifito Combine	25 Kg	Prior to Flowering

The above is applied with sufficient water, generally diluted 1:100, (1Kg of product to 100Liters of water).

THIRD APPLICATION: (Radical per Hectare)

Bio Agent	Quantity	When
Ergifito Organico	500 Kg	Apply 10 Kg Per Week All Year Round From The Start

The above is applied with sufficient water, generally diluted 1:100, (1Kg of product to 100Liters of water).

The above fertilization will ensure that the required nutrients specific to the Moringa tree are available to the tree and are fully organic. The trees will not require much fertilization until the flowering commences.



ERGOFITO

www.ergofito.co.za

Tel: + 27 21 447 7114 / Email: ergofito@telkomsa.net