ADVANCE AGRICULTURE

ERGOFITO

Give Nature What Nature Wants

TOBACCO:

Tobacco is a plant within the genus Nicotiana of the Solanaceae (nightshade) family. While there are more than 70 species of tobacco, the chief commercial crop is N. tabacum.

The more potent species N. rustica is also widely used around the world. Tobacco contains the alkaloid nicotine, a stimulant.

Ground preparation:

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

Please direct any queries to: cheyne@advanceagrisol.com
+27 82 678 0070

Ergostart Bio: 125 Kg Per Hectare

Following the application of the Ergostart Bio, wait 15 days prior seeding or transplanting.
The above is applied with sufficient water, generally diluted 1:50 (1 Kg 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.

OR

Ergo Plus:

In the interests of decreasing transport costs, we have developed Ergo Plus in order to provide the same benefits as above, with much less product required.

The protocol is as follows:

PRODUCT	HOW MUCH	WHEN
ERGO PLUS	10 KG per HECTARE	ANYTIME- 15 days pre seeding or transplanting

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	Quantity
Ergofito Universal	When planting or seeding	10Kg Per Hectare

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SECOND APPLICATION:

Bio Agent	When	Quantity
Ergofito Universal Plus	30 Days after first Application	10Kg Per Hectare

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

Ergofito Universal 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.

Test case South Africa:

The tray of tobacco saplings on the right was treated with Ergofito Universal Plus. The plant development is evident when treated.

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Test Case Uganda:

UGANDA TOBACCO SERVICES LIMITED

ERGO-FITO TRIAL EVALUATION REPORT

Note:

Ergo-Fito (a soil conditioner and fertilizer product) was applied to exhausted soils in three Tobacco growing areas.

Namely: Mubende, Kibaale, and Kagadi zones respectively.

-Visual observation was carried out to evaluate the crop performance.

Below are observations typical on Mubende model farm.

PARAMETER	VISUAL OBSERVATION (WHERE ERGO-FITO WAS APPLIED)	VISIUAL OBSERVATION (NO-APPLICATION)
Plant colour	deep green	Pale
Plant vigour	High vigour	Small Plant
Stem thickness	Usual size	Usual size
Leaf length	3.3feet	2.5feet
Leaf Width	1.3feet	1feet
Inter node Distance	3-inches	3-inches
Root development	Very Thick	Small roots

Below is the pictorial observation

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What happens when usual fertilization is applied continuously?

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.

Solution:

The regular application of Ergofito will maintain the natural balance in the Rhizosphere.

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