

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

Give Nature What Nature Wants

Watermelons and Melons



ERGOFITO

www.ergofito.co.za

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

PREAMBLE:

There are three application options for watermelons and melons.

The first is a basic application if cost is an issue, but the soil requires remediation and a better crop quality and yield is required.

The second is a more complex application that will provide better results, higher yield and quality of crop.

The third protocol is a more complex solution that will provide the best results, better yield and allow no need for crop rotation as all the exudates and contaminants are remediated in the soil between seasons.

APPLICATIONS:

1. Basic Application:

Product	Quantity	When
ErgostartBio	125Kg per Hectare	Start of the season
Ergofito Cu/Zi	12Kg per Hectare	10 Days later
Ergofito Algae	3Kg per Hectare	Mixed Together with above
Ergofito Boron	6Kg per Hectare	Mixed Together with above
Magnesium Nitrate	30Kg per Hectare	Mixed Together with above
Calcium Nitrate	100Kg per Hectare	Mixed Together with above
ErgostartBio	125Kg per Hectare	After the end of season

The Ergostart is mixed with a dilution of 1:50 of water

The other products are mixed with enough water to cover a hectare

NB: Never apply the products during the heat of the day, apply in the early morning preferably late in the afternoon to reduce evaporation.

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2. More Complex Application:

Product	Quantity	When
ErgostartBio	125Kg per Hectare	Start of the season
Ergofito Cu/Zi	6Kg per Hectare	10 Days later or on transplanting
Ergofito Cu/Zi	6Kg per Hectare	When flowers appear
Ergofito Boron	6Kg per Hectare	Mixed Together with above
Ergofito Algae	1Kg per Hectare	When Fruit Appears
Ergofito Algae	0.5Kg per Hectare	When fruit is the size of a tennis ball
Calcium Nitrate	20Kg per Hectare	Mixed Together with above
Ergofito Algae	0.5Kg per Hectare	Twenty days later
Calcium Nitrate	20Kg per Hectare	Mixed Together with above
Ergofito Algae	0.5Kg per Hectare	Twenty days later
Calcium Nitrate	20Kg per Hectare	Mixed Together with above
Ergofito Algae	0.5Kg per Hectare	Twenty days later
Calcium Nitrate	20Kg per Hectare	Twenty days later
ErgostartBio	125Kg per Hectare	After the end of season

Apply all the above with water at a minimum ratio of 1:200

Dilute ErgostartBio 1:50 (1Kg of product with 50Liters of water)

NB: It is recommended that Magnesium Nitrate be applied with the Calcium Nitrate in equal parts.

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3. Most Complex application:

TRANSPLANTING PRE-TREATMENT:

Prior transplanting, immerse and wet the substrate and roots in the following mix:

Product	Quantity
Ergofito Algae	0.1Kg per Hectare
Ergofito Cu/Zn	0.5Kg per hectare

Mix the above with 1000Liters of water

FERTILISATION PROTOCOL:

FIRST APPLICATION:

Product	Quantity	When
ErgostartBio	150Kg per Hectare	Before Transplanting

SECOND APPLICATION:

Product	Quantity	When
ErgostartBio	15Kg per Hectare	One week after Transplanting Apply Radically
Ergofito Defence	2Kg per Hectare	
Ergofito Algae	2Kg per Hectare	
Zeolite	40Kg per Hectare	
Ammonium Phosphate	3Kg per Hectare	

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THIRD APPLICATION:

Product	Quantity	When
ErgostartBio	15Kg per Hectare	During Vegetative Phase
Ergofito Defence	2Kg per Hectare	
Ergofito Algae	2Kg per Hectare	
Ammonium Sulphate	25Kg per Hectare	
Magnesium Solphite	25Kg per Hectare	

FOURTH APPLICATION:

Product	Quantity	When
ErgostartBio	20Kg per Hectare	During Vegetative Phase
Ergofito Algae	1Kg per Hectare	
Ammonium Molybdate	0.3Kg per Hectare	
Chelated Zink	2Kg per Hectare	
Calcium Nitrate	25Kg per Hectare	

FIFTH APPLICATION:

Product	Quantity	When
ErgostartBio	30Kg per Hectare	During Vegetative Phase
Ergofito Algae	1Kg per Hectare	
Ammonium Molybdate	0.2Kg per Hectare	
Urea Phosphate	25Kg per Hectare	

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SIXTH APPLICATION:

Product	Quantity	When
ErgostartBio	30Kg per Hectare	After Seventy Days from Transplanting
Ergofito Stim	0.5Kg per Hectare	
Calcium Nitrate	50Kg per Hectare	
Chelated Zink	2Kg per Hectare	

SEVENTH APPLICATION:

Product	Quantity	When
ErgostartBio	30Kg per Hectare	At Pre-flowering
Ergofito Boron	3Kg per Hectare	
Magnesium Sulphate	25Kg per Hectare	

EIGHTH APPLICATION:

Product	Quantity	When
ErgostartBio	30Kg per Hectare	During Flowering
Ergofito Boron	3Kg per Hectare	
Ergofito Calcium/MG	3Kg per Hectare	

NINTH APPLICATION:

Product	Quantity	When
ErgostartBio	30Kg per Hectare	Once Fruit has Appeared
Ergofito Universal	3Kg per Hectare	
Ergofito Calcium/MG	3Kg per Hectare	
20-20-20	40Kg per Hectare	

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TENTH APPLICATION:

Product	Quantity	When
ErgostartBio	30Kg per Hectare	As Fruit Size Increases
Ergofito Stim	1Kg per Hectare	
Calcium Nitrate	50Kg per Hectare	

ELEVENTH APPLICATION:

Product	Quantity	When
ErgostartBio	6Kg per Hectare	When Fruit Matures
Ergofito Glucose	6Kg per Hectare	

After Harvesting 20 Tons of Melons or 40 Tons of Watermelons apply the following:

TWELFTH APPLICATION:

Product	Quantity	When
ErgostartBio	30Kg per Hectare	One Week after Harvesting
Ergofito Stim	0.5Kg per Hectare	
Chelated Zink	2Kg per Hectare	

THIRTEENTH APPLICATION:

Product	Quantity	When
Ergofito Stim	0.5Kg per Hectare	One Week After the Above
Calcium Nitrate	50Kg per Hectare	

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FINAL APPLICATIONS:

In order to prevent the plants physically drying out, to improve the constituency, durability of the fruit, to guarantee optimum plant health and prolong harvesting, apply the following every 10 days until the end of harvesting.

Product	Quantity	When
Ergofito Calcium/MG	8Kg per Hectare	Every Ten Days Until the Harvesting is Complete



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