

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

Give Nature What Nature Wants

PLRV on Potatoes



ERGOFITO

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YEARLY FOLIAR APPLICATION:

Potato leafroll virus (PLRV) is a member of the genus *Polerovirus* and family Luteoviridae. The phloem limited positive sense RNA virus infects potatoes and other members of the family Solanaceae. PLRV was first described by Quanjer *et al.* in 1916.

PLRV is transmitted by aphids, primarily the green peach aphid, *Myzus persicae*. PLRV is one of the most important potato viruses worldwide but particularly devastating in countries with limited resources and management.

It can be responsible for individual plant yield losses of over 50%. One estimate suggests that PLRV is responsible for an annual global yield loss of 20 million tons.

Symptoms include chlorosis, necrosis and leaf curling.

Ergofito Protocol

Prior to Planting:

Apply the following with sufficient water to wet the entire area:

PRODUCT	HOW MUCH	WHEN
Ergostartbio	125Kg per Hectare	Immediately

Bulbs Treatment:

Wet each bulb by submersion, prior planting with the following mix:

- 1: Fill a container with sufficient water to submerge each bulb:
- 2: Add 1 % of **Ergofito Cu/Zn**
- 3: Add 0,5 % of **Ergofito Algae**

Once wetted, proceed to planting.

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PLRV Remediation and Prevention Protocol:

Please ensure that prior to applying the following treatment, that the 125 Kg of **Ergostart-bio** has been applied.

PRODUCT	HOW MUCH	WHEN
Ergofito PLRV Ergofito MAG	3 Kg Per Foliar 3 Kg Per Foliar	As Soon as Leaves Appear
Ergofito PLRV Ergofito MAG	3 Kg Per Radical 3 Kg Per Radical	15 Days Later
Ergofito PLRV Ergofito MAG	3 Kg Per Foliar 3 Kg Per Foliar	15 Days Later
Ergofito PLRV Ergofito MAG	3 Kg Per Radical 3 Kg Per Radical	15 Days Later
Ergofito PLRV Ergofito MAG	3 Kg Per Foliar 3 Kg Per Foliar	15 Days Later
Ergofito PLRV Ergofito MAG	3 Kg Per Radical 3 Kg Per Radical	15 Days Later

Please note that it is recommended to apply if PLRV is occurring in the planting area, rather than awaiting for the attack.



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