

PhosPlus

Reg. No. L9808 Act No. 36 of 1947

FRAC FUNGICIDE GROUP CODE 33

A systemic water-soluble liquid fungicide for the control of *Phytophthora* root rot and brown rot in citrus, downy mildew in grapes and late blight in potatoes.

Active Ingredient:

Potassium phosphite
(phosphorous acid equivalent)

605 g/ℓ
400 g/ℓ

 **IntelGro**
intelligent crop solutions

Distributed by:
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VERSION ROLFES AGRI: 02/2018

UN NO.: 2834
SEE CONTAINER
FOR BATCH DETAILS
COUNTRY OF ORIGIN:
REPUBLIC OF SOUTH AFRICA

Rolfes 
Agri

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CAUTION



SHAKE WELL

Shake well before use • Store at room temperature
Keep out of direct sunlight • Keep container closed when not in use



LIFT HERE

WARNINGS:

- **Withholding periods:** Minimum number of days between last application and harvest:

Citrus	14 days
Potatoes	14 days
Wine and Table grapes	28 days
- Poisonous when swallowed.
- May cause skin and eye irritation.
- Store in a cool, dry place away from food and feed.
- Keep out of reach of children, uninfirmed persons and animals.
- Apply only to actively growing citrus trees and vines that are not under stress, otherwise phytotoxicity (i.e., gummosis and/or leaf scorch) can occur.
- Apply **PHOSPLUS** from plastic or fibreglass containers because although it has been neutralised, it may still be corrosive to metal.
- Overdosage may result in scorching of leaves.
- **RE-ENTRY INTERVAL:** Do not enter treated area until spray deposit has dried, unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the disease against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Do not inhale spray mist.
- Wear rubber gloves, eye and face protection whilst mixing and applying.
- Do not eat, drink or smoke whilst mixing or applying, or before washing hands and face.
- Wash with soap and water after application or skin contamination.
- Change and wash your work clothes. Wash yourself.
- If you spill it on your clothes, change and wash them.
- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the contents of the spray tank before destroying the container.
- Destroy empty container and do not use for any other purpose.
- While spraying, avoid contact with the spray as much as you can. Avoid spray drift onto other crops, grazing rivers or dams.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Prevent contamination of food, feed, drinking water and eating utensils.

RESISTANCE WARNING:

For resistance management, **PHOSPLUS** is a group code 33 fungicide. Any fungus population may contain individuals naturally resistant to **PHOSPLUS** and other group code 33 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **PHOSPLUS** or any other group code 33 fungicide.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with registered products from different fungicide group codes.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

COMPATIBILITY:

PHOSPLUS's compatibility with other agricultural remedies, other than mancozeb, is unknown. It is advisable to do a miscibility test prior to mixing **PHOSPLUS** with other chemicals. Do not mix with products containing heavy metals i.e. copper containing products.

MIXING INSTRUCTIONS:

- **Do NOT** mix with products containing heavy metals i.e. copper containing products.
- **Do NOT mix PHOSPLUS with highly alkaline material such as lime sulphur and Bordeaux mixture or with any copper containing products.**
- Fill the spray tank half with clean water. Start agitation and add the recommended amount of **PHOSPLUS** to the water. Complete the filling of the spray tank with water and agitate thoroughly.
- **Do NOT** add stickers, buffers or acidifiers in a tank mix containing **PHOSPLUS**.
- **Do NOT** add any inorganic salts of zinc, iron, copper, manganese, calcium or magnesium in a mix with **PHOSPLUS**.

IMPORTANT NOTES:**GENERAL**

- **PHOSPLUS** must only be applied to actively growing plants to ensure that there is adequate sap flow to transport the product throughout the plant.
- Plants should not be treated when under moisture or heat or stress as this may lead to phytotoxicity, i.e., leaf spot, gummosis, chlorosis, necrosis, stunting or deformation.
- Do not apply if day temperatures are above 30 °C or under conditions of high relative humidity.
- **PHOSPLUS** should preferably be applied early in the morning or late afternoon.
- Repeat application if more than 10 mm rainfall has occurred within one hour of application.
- Wait for leaves to dry after rain or heavy dew before applying **PHOSPLUS**.
- High volume, high pressure applications to citrus may cause phytotoxicity.

In the case of *Phytophthora* root rot infection of citrus:

- Apply as a light cover spray to citrus trees from September to April.
- Apply as a preventive spray as soon as disease symptoms are noticed, or earlier if a *Phytophthora* infection is diagnosed in roots, soil or irrigation water.
- Do not apply to citrus later than stage 4 on the scale 0 – 10 of decline. Refer to "CRI Production Guidelines", Part III.

CROP / DISEASE	MAXIMUM RATE / Ha	RATE/ 100 ℓ WATER	REMARKS
CITRUS <i>Phytophthora</i> root rot	6,1 ℓ	500 mℓ	Apply as a light cover spray in 1 500 – 2 000 ℓ spray water per hectare directly after the rain season has started. Repeat every 8 weeks. Do not apply when trees are flushing. Delay application until the new flush begins to harden off.
<i>Phytophthora</i> brown rot	6,1 ℓ	500 mℓ	Apply once 2–3 weeks before harvest as a light cover spray in 1 500–2 000 ℓ spray water per hectare. Summer rainfall areas: Apply to a height of 1,5 m above ground. Winter rainfall areas: Apply to whole tree. Do not apply if trees are under water or drought stress.
TABLE AND WINE GRAPES Downy mildew (<i>Plasmopara viticola</i>)	4,5 ℓ + 1,8 kg MANCOZEB 800 WP*	300 mℓ + 120 g MANCOZEB 800 WP*	Start application at 10 cm shoot length. Repeat with 10 – 14 day intervals until berries begin to soften (stage 34 according to Goombe, 1995). Apply in 1 200 – 1 500 ℓ spray water per hectare. Continued spraying with the PHOSPLUS / mancozeb mixture under conditions of high disease pressure will lead to visible spray deposits on berries. It is therefore recommended to apply PHOSPLUS on its own after the berries have reached pea-size.
POTATOES Late blight (<i>Phytophthora infestans</i>)	2,6 ℓ + 2 kg MANCOZEB 800 WP*		Start application 21 days after emergence or sooner depending on conditions favouring late blight infections, or with susceptible cultivars. Apply every 7 days in 500 ℓ water per hectare as a direct spray over the rows. Increase the spray water volume per hectare as the plants increase in size. Do not apply within 21 days of a copper application.

***MANCOZEB 800 WP** Reg. No. L7381, Act No. 36 of 1947