



FERTILISER



# Inteli-Phite

Reg. No. L9859, Act No. 36 of 1947



**A systemic water-soluble liquid fungicide for the control of diseases in crops as indicated.**

## What is Inteli-Phite:

- **Inteli-Phite** is a phosphorous acid fungicide which is highly effective against the Oomycetes group of diseases, such as *Phytophthora* spp. (root and brown rot) in citrus, *Plasmopara viticola* (downy mildew) in grapes and *Phytophthora infestans* (late blight) in potatoes.
- **Inteli-Phite** is also effective against *Venturia inaequalis* (apple scab) in apples. The unique formulation assists with uptake and translocation of the active ingredient inside the plant to obtain satisfactory disease control.

## Where to use Inteli-Phite:

- **Inteli-Phite** is used when conditions are favourable for development of the diseases mentioned above.
- **Inteli-Phite** fits in as part of disease control programmes for above-mentioned diseases.

## How to use Inteli-Phite:

- **Inteli-Phite** is highly effective when applied as a foliar spray.
- **Inteli-Phite** can also be applied as a soil treatment, a stem paint or soil application in citrus.
- The dosage of **Inteli-Phite** ranges from 3 ℓ/ha up to a maximum of 7 ℓ/ha.
- Soil applications in citrus require a dosage rate of between 11 ℓ - 22 ℓ with enough water for the product to be washed into the root zone of the tree.

## Benefits of Inteli-Phite:

- **Inteli-Phite** is a liquid formulation that is easily absorbed by the plant with excellent basipetal and acropetal translocation in the plant. As a result the active ingredient can move upwards to new growth as well as downwards to new roots in the root zone.
- **Inteli-Phite** has a double mode of action, i.e. it inhibits disease development inside the plant as well as subsequent spore formation. **Inteli-Phite** also triggers the release of stress metabolites (chemicals) by the plant as signals or elicitors causing the plant to enhance its defence response.
- **Inteli-Phite** contains salicylic acid.
- Salicylic acid activates the immune system of the plant against pathogens.
- Salicylic acid is involved in systemic acquired resistance which signals a plant to activate resistance in areas once it is attacked by a pathogen.



APPLE SCAB



LATE BLIGHT



DOWNY MILDEW



ROOT ROT

\*See label for further details and instructions.

