

Downy Mildew Program - Onions, Dwarf Beans, Potatoes and Peas



Full program starting from soil preparation through to harvest. There are no MRL issues with any of the NBS products and the program may be used through extended harvest periods for beans and peas.

For crops already planted, the program starts at the appropriate growth stage as indicated below.

Pre-plant soil preparation:

- NBS Resilica™ at 500 kg/ha (200 kg/acre) and incorporate to 10 cm alone or with compost and soil conditioners.

Pre-Plant Seed Treatment:

Make a thin slurry from the following

- NBS Pseudo-Tech™ at 2 g
- NBS Micro-Shield™ at 2 g
- NBS Root Max™ at 10 mL
- Add a few drops of water to make a thin cream-like slurry

Put 1 kilogram of seed in a bucket and add the slurry. Mix the seeds thoroughly by hand to cover the surface with the slurry. Spread on a plastic sheet and allow to dry in a cool, shaded place away from direct sunlight. Can be planted when dry or stored for 30 days before planting.

For cut potato seed, the slurry can be watered down even further so that the whole seed piece can be treated with the mixture. Ensure all cut surfaces are coated. Allow to dry before planting. Plant potato seed pieces as soon as possible (Foliar spray to run-off every 10 days with the following:

- NBS Pseudo-Tech™ at 300 g/100
- NBS Bio-Protect™ at 200 g/100 L
- NBS CMB™ at 350 mL/100 L
- NBS Max Spreader™ at 25 mL/100 L

Spray at least twice before flowering. Store).

Plant:

- 80% normal rate of Planting fertiliser
- Blend fertiliser with 5% w/w NBS Sapphire™ Granules

Plant crop as per normal procedure.

Early Crop Establishment to Flowering Period or Bulbing:

Foliar spray to run-off every 10 days with the following:

- NBS Pseudo-Tech™ at 300 g/100 L
- NBS Bio-Protect™ at 200 g/100 L
- NBS CMB™ at 350 mL/100 L
- NBS Max Spreader™ at 25 mL/100 L

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For onions, ensure the foliar spray enters the leaf throat. Maintain the coverage in early stages and spray **at least twice within 4 weeks before flowering**. Complete leaf coverage (top and bottom) is advised.

NOTE: Most crop protection products may be added to this tank-mix without affecting the microbial components (copper-based fungicides should be applied separately and at least 4 days before this program).

Post-Flowering to Maturity/Harvest (if disease pressure is present).

Foliar spray to run-off every 10 days with the following:

- NBS Pseudo-Tech™ at 300 g/100 L
- NBS Bio-Protect™ at 200 g/100 L
- NBS K-35™ at 300 mL/100 L
- NBS Max Spreader™ at 25 mL/100 L

Spray at least twice during crop setting, filling and maturation period.

- Side-dress with NBS ReSiliCa™ at 250 kg/ha (100 kg/acre) especially potatoes after flowering and during tuber bulking.

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