



Sovrin[®] FLO

A fungicide for the control of downy mildew on grapes, lettuce and onions, and early and late blight on potatoes.

<u>Active Ingredient:</u>	500g/litre dimethomorph
<u>Chemical Group:</u>	Morpholine
<u>Formulation:</u>	Suspension concentrate
<u>Pack Size:</u>	5 litre
<u>Compatibility:</u>	Do NOT mix with strongly alkaline or acidic materials. If compatibility is in question use the compatibility jar test before mixing a whole tank. For further information, consult your supplier.

Sovrin[®] Flo is a high-quality liquid formulation containing the active ingredient '**Dimethomorph**'. It is the first generic competitor to Acrobat^{®1} to be marketed in NZ. Sovrin[®] Flo is a reliable and proven performer in the field – giving you cost-effective control of Downy mildew and blight that you can rely on. With local systemic activity and excellent protectant activity, Sovrin[®] Flo should be a key part of any fungicide programme in grapes, lettuce, onions and potatoes.



THE ESSENTIAL POTATO FUNGICIDE:

- **Systemic, anti-sporulant** activity against blight ✓
- **Curative + preventative** solution in one product ✓
- **Significantly lower chemical use rate (360mls/ha)** than Acrobat^{®1} MZ 690 and Ridomil^{®2} Gold MZ WG ✓



THE ESSENTIAL ONION FUNGICIDE:

- Good control of Downy mildew ✓
- No cross-resistance to many other fungicides ✓
- Application flexibility ✓
- **Low use rate**(360mls/ha) - less chemical to store and transport ✓



Reliable and cost-effective control of Downy mildew in **GRAPES** and **LETTUCE** ✓

Good tankmixing capabilities ✓

DIRECTIONS FOR USE:

The rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly. Do not apply in less than 200 litres of water per hectare.

Crop	Disease	Rate	Critical Comments
Grapes	Downy mildew (<i>Plasmopara viticola</i>)	36ml/100 litres of water (360mls/ha) + a suitable protectant fungicide	Apply in a minimum 1000 litres water per hectare. Apply at 14 day intervals from when shoots are 5-10 cm.
Lettuce	Downy mildew (<i>Bremia lactucae</i>)	360mls/ha + a suitable protectant fungicide	Maintain a regular protectant programme. Apply SOVRIN FLO at 7 to 10 day intervals when conditions favour disease development but before the disease is evident. Apply two consecutive sprays of SOVRIN FLO 7 to 10 days apart, and then change to a fungicide from another chemical group. Use the shorter interval when conditions favouring infection are creating a high risk of disease. Apply in 500-750 litres of water per hectare. Use a surfactant at labeled rates.
Onions	Downy mildew (<i>Peronospora destructor</i>)	360mls/ha + a suitable protectant fungicide	Apply in 500-750 litres of water per hectare. Apply at 10 day intervals during periods of active growth or when high humidity conditions favour the disease. Use a surfactant at labeled rates.
Potatoes	Early blight (<i>Alternaria solani</i>) Late blight (<i>Phytophthora infestans</i>)	360mls/ha + a suitable protectant fungicide	Apply as a foliar spray to run-off when the crop has fully emerged but before any sign of disease and repeat at 10-14 day intervals. Use the closer interval when conditions favour the disease, especially during favourable growth conditions in the period prior to flowering. Use a surfactant at labeled rates.

Resistance Management: SOVRIN FLO should be used in combination with a suitable protectant fungicide at all times. Under high disease pressure, apply two close interval applications of SOVRIN FLO, followed by applications of either protectant fungicides or fungicides from another chemical group. To minimize the development of resistant disease strains, do not apply more than four applications of SOVRIN FLO to any one crop.

Withholding Periods: On grapes, lettuce, onions and potatoes do not apply later than 14 days before harvest.

Mixing: Half fill the spray tank with water then, with the agitators running, pour in the required quantity of SOVRIN FLO and top up with water. Ensure that it is thoroughly mixed in the spray tank and the water level is over two thirds full before adding a surfactant at label rates. Agitation is required during spraying and after a stoppage.

Application: Ensure the spray equipment is properly calibrated. Complete spray coverage is essential for consistent disease control with any fungicide. Forward speeds should be sufficiently slow to ensure thorough spray coverage of the crop being treated. For specified crops do not apply less than the recommended label rate of SOVRIN FLO. Use a surfactant at label rates.

Compatibility: Do NOT mix with strongly alkaline or acidic materials. If compatibility is in question use the compatibility jar test before mixing a whole tank. For further information, consult your supplier.

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