



MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

Recommendation Sheet

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A NON-METALAXYL FUNGICIDE TO CONTROL LATE BLIGHT OF POTATO

The most effective fungicide recommended at present to control late blight of potato is *metalaxyl*.

However, in several countries, misuse of this product has resulted in the emergence of resistant strains of *Phytophthora infestans*, the fungus causing the disease and thus making its control extremely difficult.

A new fungicide, **Melody-Duo**, has been found to be as effective as **Ridomil FLO** (*metalaxyl + mancozeb*). It has a curative and protective effect, and as opposed to **Ridomil FLO**, it does not contain *metalaxyl*.

Its active ingredients are *iprovalicarb* (55 g/L) and *propineb* (612.5 g/L).



Symptoms of late blight on variety Up to date.

The use of **Melody-Duo**, as an alternative to **Ridomil FLO**, will further reduce the risk of emergence of metalaxyl-resistant strains of the late blight fungus in Mauritius.

Melody-Duo should be used preventively during the crop cycle **only** for the first four applications. Contact fungicides can be applied for the subsequent treatments.

Recommendations

	Fungicide	per hectare	per arpent
1st four applications	Melody-Duo	3 kg	1.25 kg
Other applications	Curzate PRO	3 kg	1.25 kg
	or		
	Dithane M 45	3 kg	1.25 kg
	or		
	Mikal-M + Dithane M 45/Penncozeb 80 WP	3 kg + 2 kg	1.25 kg + 830 g
	or		
	Tattoo C	4 litres	1.6 litres

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