

INFINITO- a new fungicide for the management of late blight disease of tomato

Recommendation Sheet PP8.04.07

The suspension concentrate formulation of a new fungicide mixture namely, *Infito 687.5 SC*, is now commercially available. This broadens the range of systemic products comprising Melody Duo 69 WG and Ridomil Gold Pepite recommended against the economically important late blight disease of tomato caused by *Phytophthora infestans*. The active ingredients of Infito 687.5 SC are: *fluopicolide* and *propamocarb hydrochloride*. Infito shows preventive activity and antisporeulant properties.

Applications of the product in a rotational pattern with other products are indicated in the spraying programme below.

Infito 687.5 SC should be used preventatively during periods favourable for disease development before the

first symptoms of the disease appear. A maximum of 4 applications of Infito 687.5 SC is recommended per crop cycle, alternating the product with the chemically unrelated fungicides given below.



Recommendations

Spraying programme

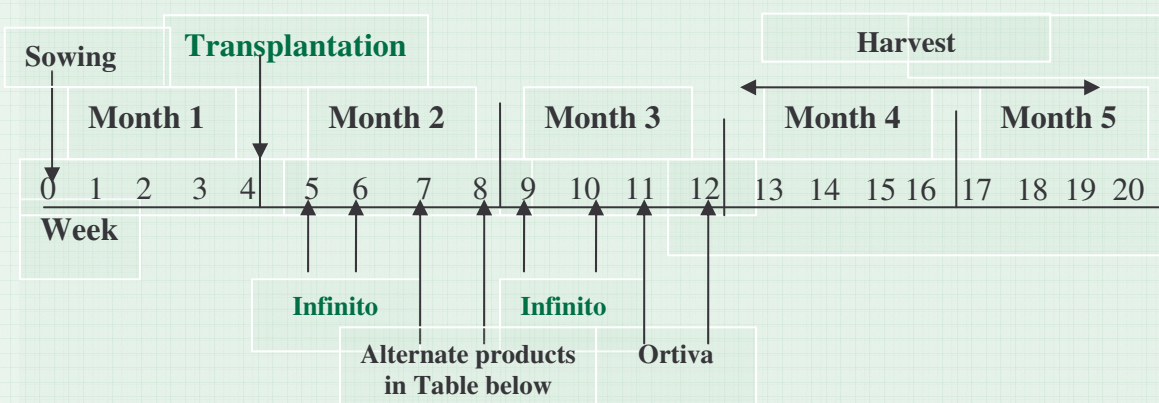


Table I: Rotational application pattern for fungicides recommended against late blight disease on tomato

	Fungicide	Active Ingredient	Per hectare (600 L of water)	Per arpent (250 L of water)	Preharvest Interval (Days)
Applications at week 5&6, 9&10	Infito 687.5 SC	Fluopicolide +propamocarb hydrochloride	1.4 L	600mL	7
Applications at week 7&8	Bravo 720 SC or	Chlorothalonil	1.2 L	500 mL	3
	Pennfluid or	Mancozeb	3 L	1.25 L	7
	Electis 75 WG or	Zoxamide+Mancozeb	1.8 Kg	750 g	7
	Acrobat MZ WG	Dimethomorph+ Mancozeb	2 Kg	850 g	4
Applications at week 11 &12	Ortiva 250SC*	Azoxystrobin	240 mL	100 mL	3
Applications after week 13 (if favourable conditions for disease development persist)	Bravo 720 SC or	Chlorothalonil	1.2 L	500 mL	3
	Acrobat MZ WG	Dimethomorph+ Mancozeb	2 Kg	850 g	4

* Ortiva 250 SC also provides protection against early blight disease.