



USER GUIDE

Update September 2016

Luna[®] Privilege

Unparalleled protection against sclerotinia in kiwifruit

Luna[®]
PRIVILEGE

Luna Privilege provides a new standard in sclerotinia control, with great flexibility in application.

Sclerotinia

Sclerotinia is an important fungal disease affecting kiwifruit. In seasons conducive to the disease, sclerotinia can cause severe yield loss through flower blight and premature fruit drop. Fruit quality is also impacted as scarred fruit resulting from sclerotinia infections is unsuitable for export. Sclerotinia infects kiwifruit flowers and is favoured by warm, humid and moist weather conditions. The key to controlling sclerotinia in kiwifruit is to prevent infection in the flowering period through a timely application of a fungicide.



Fruit scarring resulting from Sclerotinia



Sclerotinia infected flower

Luna Privilege gives you protection you can rely on, improving yields, quality and marketability of your kiwifruit.



Apply pre-flowering or during flowering to suit your operation.

With its new active ingredient, fluopyram, Luna Privilege provides outstanding protection against sclerotinia in kiwifruit. It provides growers with unparalleled efficacy against sclerotinia, increasing yields and improving the quality and marketability of your kiwifruit crop.

The new active in Luna Privilege is unique, because it provides:

- **Long-term protection of foliage, fruit and flowers** – part of the active ingredient stays on the surface of the plant, which allows small quantities to penetrate in over a longer period.
- **Upward systemic distribution of the active ingredient** – more thorough distribution of the active ingredient in plants because it is spread upward in the xylem – no downward movement.
- **Control of multiple stages of fungal life cycle**
 - prevents the germination of spores
 - prevents growth of the fungus germination tube
 - prevents mycelium growth
 - prevents sporulation
- **Better efficacy** – its translaminar effectiveness provides protection of the untreated plant surfaces too.

Exhibits a high level of safety to bees



Extensive studies have demonstrated that Luna Privilege does not impair the foraging activities of bees, harm adult bees or influence bee brood. Best bee safety guidelines should be followed.

Pollination performance

Assessments of fruit weight, as an indicator of pollination performance, were conducted during the development of Luna Privilege. From either pre-flowering or flowering applications, Luna Privilege had no effect on pollination performance.

6 Reasons to choose Luna Privilege:

- 1✓ Long-term protection of foliage, fruit and flowers
- 2✓ Greater flexibility in application
- 3✓ Not harmful to bees
- 4✓ Easy to use liquid formulation

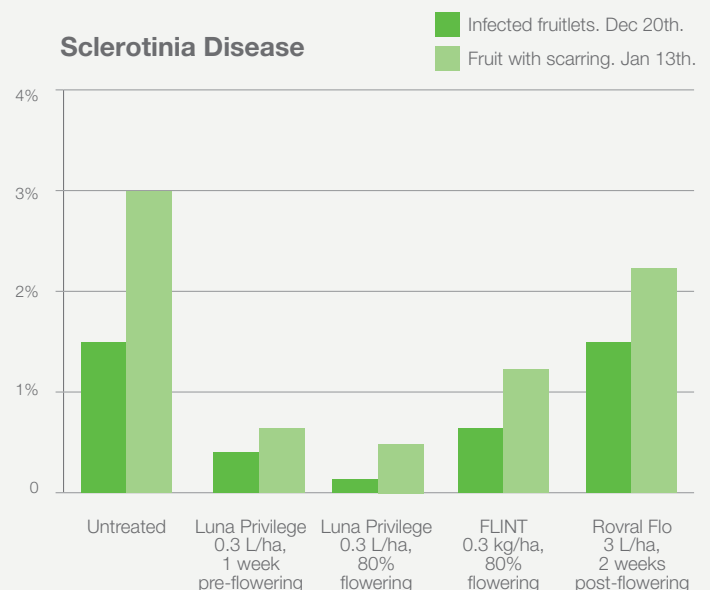
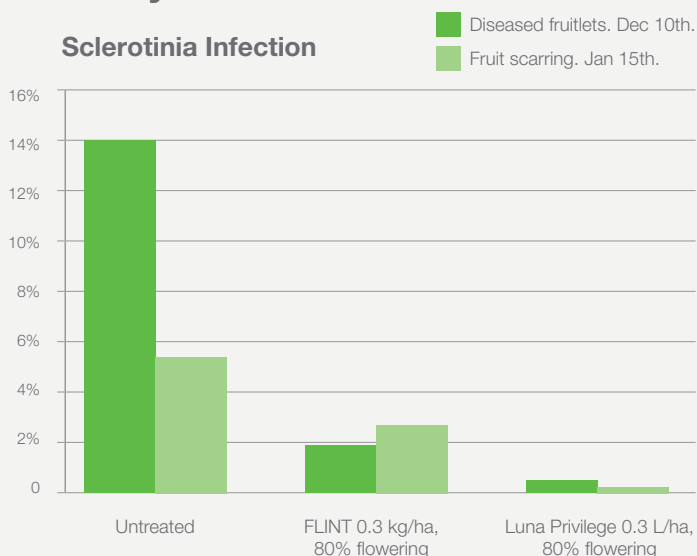
- 5✓ When used as directed results in no detectable residues at harvest
- 6✓ Is able to be tank mixed with other products in applications before flowering

Make Luna Privilege your choice this season for exceptional protection against sclerotinia in your kiwifruit crop.

APPLICATION RECOMMENDATIONS:

OPTION 1: APPLY BEFORE FLOWERING	OPTION 2: APPLY DURING FLOWERING
Apply in the week prior to the start of flowering.	Apply during flowering, but not after 80% flowering. See STOP PRESS below.
BENEFITS:	BENEFITS:
Widens the Sclerotinia control application window.	Gives the best possible disease control. A new performance standard in sclerotinia control, more effective than the current best standard (FLINT) applied during flowering. See graphs below.
Gives greater flexibility – reduces one spray application.	Not harmful to bees (bee safety best practice guidelines should still be followed).
Can be tank mixed. For more information see compatibility section on back page.	STOP PRESS – Zespri have restricted the use of Luna Privilege to as close to the start of flowering as possible. Consult the latest Zespri Crop Protection Standard before using Luna Privilege as use recommendations may differ from those on the label.
Eliminates the requirement to spray during the flowering period.	
Efficacy better or similar to a FLINT application during flowering. See graphs below.	If wishing to apply a sclerotinia product, during flowering – the use of FLINT is recommended.

Efficacy in Kiwifruit



LUNA PRIVILEGE: USE IN KIWIFRUIT AT A GLANCE

DISEASE	Sclerotinia (<i>Sclerotinia sclerotiorum</i>).
RATE	300 ml/ha.
WATER RATE	Apply in 1000 - 1600 litres of water/ha without excessive run-off.
SPRAY TIMING	Make 1 application from 7 days before flowering through to 80% flowering. STOP PRESS: see WHP below.
RAINFASTNESS	2 hours in good drying conditions.
WHP	STOP PRESS: Consult the latest Zespri Crop Protection Standard as use recommendations are different to those on the label.
COMPATIBILITY	Apply Luna Privilege alone when applying during flowering. When applying before flowering Luna Privilege is compatible and crop-safe when tank mixed with Movento® 100SC, Prodigy™, Actigard™, Kocide™ Opti and Nordox™ 75WG.
ADJUVANTS	None required.
PACK SIZE	1 Litre plastic bottle. Agrecovery compatible.

FLINT: USE IN KIWIFRUIT AT A GLANCE

RATE	15 g/100L (minimum 300 g/ha).
SPRAY TIMING	Apply once during flowering.
WHP	Do not apply after flowering.
COMPATIBILITY	Do not apply any adjuvants with FLINT.
PACK SIZE	1 kg carton. Agrecovery compatible.

Regional sales managers

Upper North Island	Phil Bertram	021 426 825
Gisborne / Hawke's Bay / Nelson / Marlborough	Marc Fox	021 426 823
Lower North Island	Jeff Smith	021 426 824
North and Mid Canterbury	David Parker	021 760 794

Insist on Luna Privilege from Bayer.

www.cropscience.bayer.co.nz



Science For A Better Life

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