



Protect your investment, manage biosecurity risks

Psa management

Spring conditions are ideal for Psa build up and infection of young tender growth. Take every opportunity to maintain protective spray covers.

- ✓ Use the table below as a guide to a good spring spray programme, which will protect flowerbuds.
- ✓ Excellent supervision is needed when applying preflower trunk girdles. Avoid stressed vines, avoid girdling too deep, and ensure protectant is applied following girdling (applying a dye into spray bottles helps audit).
- ✓ Avoid use of chains on young trunks. Many of the infections seen in young blocks relate back to poor girdling practice. Girdle in the dry.
- ✓ Keep monitoring young blocks especially and remove infection. Innocbloc is working well for growers as a wound protectant, even when there is some sap flow.



Spring Psa spray programme

	Why	Timing/growth stage	
Copper	Backbone – protects plant surfaces from Psa	Throughout spring – cover new growth and expanding leaves	Frequency to match risk
Bactericides	Big hitter	Kasumin from 25-30mm leaf size to 21 days pre-flower Keystrepto (JA) to 7 days pre-flower	High-risk situations (pre or post)
Actigard	Reduces leafspot and flower bud loss	25mm leaf to 7 days pre-flower	Before infection and high-risk periods. Elicits plant defence
CPPU	Preventative to reduce leafspot	When shoots reach 15-25cm long (4-5 weeks after budbreak)	Before leafspot occurs
Biological	Additional mode of action	Throughout spring	Okay with copper



The Psa Risk Model is an online, weather-based decision support tool to assist growers with orchard management in a Psa environment. Weather station data and weather forecast information combines to provide unique disease interpretations. Register to use the model for free at www.kvh.org.nz via your desktop computer or mobile phone.



Grower biosecurity days

A reminder of two big events for growers, one just been and one coming up:

- ✓ KVH and Zespri hosted a Psa R&D update at the end of August which saw scientists share with growers and industry insights into their research on Psa. Videos of each update are available on the [Canopy](#).
- ✓ Come along to the Kiwifruit Biosecurity Grower Day for all the updates on initiatives underway to protect our industry from unwanted pests and diseases. International guest speakers will be there to tell us about their research into BMSB. Read more on the [KVH website](#), register and join us Thursday 18 October at the Orchard Church.

Thursday 18 October, 9am - midday with lunch provided
The Orchard Church, Te Puke
RSVP to events@zespri.com by Friday 12 October

Be on the lookout

We're in the high-risk season for two of our most unwanted pests – the BMSB and fruit flies. Be vigilant and keep watch. If you see anything unusual, report it by calling MPI on 0800 80 99 66 or KVH on 0800 665 825.

