

On farm Chemical Trials – Grower host sites needed

Mark Salter, Berry Industry Development Officer, Fruit Growers Tasmania

Agrichemical access is increasingly becoming a challenging issue within the berry industry, with growers reporting increasing pest resistance pressures and few chemical options available in their toolbox.

To help address this problem, Rubus growers across Australia are being asked to get involved with formal trials of new agrichemical products. Run by Staphyt and funded by Hort Innovation using the raspberry and blackberry research and development levy and funds from the Australian Government, the trials will develop chemical residue datasets to support registration of new agrichemical options for producers.

These datasets have to be developed for each crop and pest species and are essential for getting APVMA approval for new chemicals to be used within the sector. Developing these trial datasets will lead to growers gaining access to more modern and more tailored products.

With so many reasons to be involved, Berries Australia encourages all Rubus growers to consider being involved in these trials.

ST17000 – Vayego

Target pests:	Trials required:	
Cluster Caterpillar Heliothis <i>(Helicoverpa armigera)</i> Leafroller Moths Light Brown Apple Moth Loopers Monolepta beetle Redshouldered Leaf Beetle	Efficacy/safety trials: 4 in Raspberry and 3 in Blackberry	Rated as Moderate pests Cluster Caterpillar is rated as a moderate priority in Victoria and Western Australia, a high priority in New South Wales and a low priority in Tasmania. Light Brown Apple Moth is rated as a moderate priority in Western Australia, a high priority in Victoria and Tasmania and a low priority in New South Wales Loopers are rated as a high priority in all regions except New South Wales, where they are rated as a moderate priority

**TRIAL CO-OPERATOR CROP COMPENSATION:
\$1,900 PER TRIAL RASPBERRIES, \$1,800 PER TRIAL BLACKBERRIES**

ST17000 – Propamocarb + Fluopicolide (Infinito®)

Target pests:	Trials required:	
Downy Mildew	Efficacy trials: 4 in Blackberry	Downy Mildew in blackberries is rated as a moderate priority in New South Wales and Tasmania, high priority in Victoria, and low priority in Western Australia.

TRIAL CO-OPERATOR CROP COMPENSATION: \$2,775 PER TRIAL

ST17000 – Flonicamid

Target pests:	Trials required:	
Green Vegetable Bug Green Stink Bug Harlequin Bug Rutherglen Bug Mirids Apple Dimpling Bug Jassids Leafhoppers Aphids Apple Dimpling Bug	Efficacy trials: 1 in Raspberry 1 in Blackberry	Green Stink Bug is rated as a high priority in all regions. Green Vegetable Bug is rated as a high priority in all regions except New South Wales, where it is rated as a moderate priority.

TRIAL CO-OPERATOR CROP COMPENSATION: \$1,575 PER TRIAL

ST18001 – Versys®

Target pests:	Trials required:	
Green Peach Aphid Apple Dimpling Bug	Efficacy trials: 2 in Blackberry and 2 in Raspberry	Green Peach Aphid is a moderate priority and Apple Dimpling Bug is low except in WA where it is a high priority.

TRIAL CO-OPERATOR CROP COMPENSATION: \$2,500 PER TRIAL

ST19020 – Oberon® Miticide

Target pests:	Trials required:	
Two-Spotted Mites	Efficacy trials: 1 in Raspberry	Two Spotted Mite is rated as a high priority in all regions. Two Spotted Mite is most commonly found in red raspberries.

TRIAL CO-OPERATOR CROP COMPENSATION: \$2,000 PER TRIAL

To find out more or get involved, contact Celia van Sprang, Technical Manager, Staphyt
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As previously communicated, the berry industry has been awarded grant funding to undertake trials to support a Sivanto® Prime registration in Rubus, blueberries and strawberries.

This second project will be contracted by June 2022. We will also need suitable sites for these trials this season so I would appreciate it if any interested growers could contact myself or Jodie Pedrana directly.

Sivanto® Prime		
Target pests:	Trials required:	
Green Stink Bug Green Vegetable Bug Cottonseed Bug	6 in Blueberries	Green Stink Bug, Green Vegetable Bug, Cottonseed Bug are rated a low priority.
Green Stink Bug Green Vegetable Bug Cottonseed Bug	6 in Raspberries & Blackberries	Green Stink Bug is rated as a high priority in all regions. Green Vegetable Bug is rated as a high in all regions except New South Wales, where it is rated as a moderate priority.
Rutherglen Bug Green Mirids Brown Mirids	4 in Strawberries	Rutherglen Bug, Green Mirids & Brown Mirids are a moderate priority.



Green Stink Bug adults are 14-19 mm long, green coloured, and shaped like a shield.

Photo credit: Daren Mueller, Iowa State University, Bugwood.org

To find out more or get involved, contact Jodie Pedrana or Mark Salter
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