



# Psa Bulletin



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8 March 2012

*Psa Bulletin* is KVH's regular update with topical information about Psa. For more information, see the KVH website [www.kvh.org.nz](http://www.kvh.org.nz), industry newsletters, briefings and other updates. In this issue:

1. **Psa statistics update—7 March 2012**
2. **Orchard Psa-V biosecurity pocket guide and video for harvest**
3. **KVH ends paying for Psa-V testing in Whakatane Priority Zone**
4. **Seasonal Management Guide—page 5, recommended product list**
5. **Infection risk-period 'indicators'**
6. **Weather snapshots from KVH website**
7. **KVH to end payment for disposal costs outside the BOP region 31 March 2012**
8. **Biosecurity—MAF removes CAN for Te Puke region; Farmers advised reject kiwifruit a risk to Psa-V-free regions; Hygiene practices and biosecurity measures important in all regions**
9. **R&D update**
10. **KVH web updates**
11. **Repeat notes and web links**

## 1. Psa statistics update—7 March 2012

	Psa-V positive
Newly identified results this week	17 KPINs (see note below)
Orchards with infected vines	1087
% of NZ orchards affected	32%
Ha on affected orchards*	5710
% of hectares on affected orchards	41%

\*Includes whole area of affected orchards but Psa-V may affect only part of orchard.

- Seventeen newly identified Psa-V results have been received this week—some of which are 'backdated' results received from packhouses. The 17 new results are in Te Puke (8); Whakatane (7); Tauranga (1); and Opotiki (1). The total number of orchards identified with Psa-V is 1087. They are in the Bay of Plenty in the following areas: Te Puke (864); Tauranga (100); Whakatane (57); Opotiki (32); Katikati (15); Waihi (14); as well as five orchards in Franklin, in South Auckland. See [www.kvh.org.nz/statistics](http://www.kvh.org.nz/statistics).

## 2. Orchard Psa-V biosecurity pocket guide and video for harvest

Movement of plant material during harvest is a major concern for the kiwifruit industry in the Psa-V environment as a potential risk for spreading Psa-V. KVH, with the support of NZ Kiwifruit Contractors Inc, has produced an *Orchard Psa-V Biosecurity Guide* and short instructional video to help promote hygiene and biosecurity best practices to everyone going onto orchards during harvest. These tools provide a quick, step-by-step, visual reference guide for use by all growers, on-orchard harvest workers, auditors, transporters, packhouses and harvest contractors. The pocket guides are now available from packhouses, regional co-ordinators, New Zealand Kiwifruit Contractors Inc (NZKCI), NZKGI and KVH at [info@kvh.org.nz](mailto:info@kvh.org.nz) or 0800 665 825. Click [here](#) to access a two-page 'poster' version of the fold-out pocket guide that can be downloaded from the KVH website. The poster can be laminated as an A4 poster and will also be available in multiple languages during the next week. Click [here](#) to view the short instructional video on the KVH website. DVD copies are available to packhouse representatives on request, or to KVH at [info@kvh.org.nz](mailto:info@kvh.org.nz) or phone 0800 885 625. KVH thanks all those involved who generously gave their time and expertise to the production of these tools.

### 3. KVH ends paying for Psa-V testing in Whakatane Priority Zone

KVH advised in the *Psa Bulletin* 1 December 2011 it would no longer pay for sample tests from a region with more than 35 per cent of kiwifruit hectares identified with Psa-V. The Whakatane region now has Psa-V identified on 41 per cent of its kiwifruit hectares. After Friday 9 March 2012, KVH will not pay for the testing of samples taken from the Whakatane region.

KVH requires ongoing identification of Psa-V infection on orchards across all regions. Growers in the Te Puke and Whakatane regions should continue to contact their packhouse Psa managers if they find Psa-V symptoms. The packhouse representative will inspect the orchard and, if confident Psa-V is present, will notify KVH of the visual verification. The KVH database will be updated accordingly. Alternatively the grower may choose to pay for a test. KVH will continue to pay for testing in the other regions, ie outside of Te Puke and Whakatane subject to the following criteria:

- Psa-V-like symptoms have been identified by an approved packhouse representative;
- the KPIN has not previously been confirmed with Psa-V; and
- the KPIN has had no more than two 'not-detected' lab results (further tests may be approved in consultation with KVH).

All other regions currently have less than the 35 per cent threshold—see the weekly statistics report at [www.kvh.org.nz/statistics](http://www.kvh.org.nz/statistics).

### 4. *Seasonal Management Guide*—page 5, recommended product list

Product Name	Type	CPP status	Use period	Label claim	BioGro status
Nordox 75 WG™	Copper	Full	Full season	Limited	Certified
Kocide® Opti	Copper	Full	Full season	Working towards	Prohibited
Champ® Products	Copper	Full	Full season	Working towards	Prohibited
Blossom Bless® (not currently available)	Biological	ABU	Full season	Limited	Certified
Serenade Max®	Biological	ABU	Full season	Pending	Certified
Liquicop™	Copper	Full	Full season	Pending	Prohibited
Bio Alexin	Elicitor	Allowed	14 day PHI	Working towards	Certified

**Notes:** PHI (pre-harvest interval). ABU (allowed but unproven). Confirming Kocide® Opti and Champ®.

### 5. Infection risk-period 'indicators'

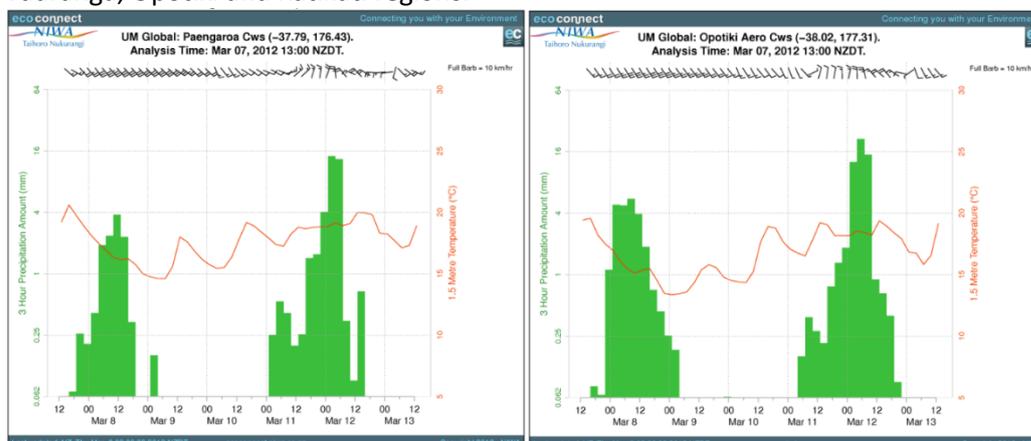
Psa-V infection risk indicator for week ahead	
Priority Zone Regions	Risk
Opotiki / Whakatane	Medium
Te Puke / Tauranga	Medium
Katikati / Waihi	Medium
South Auckland	Medium

Growers should apply a spray immediately before weather events. See the *Seasonal Management Guide* at [www.kvh.org.nz/summermanagement](http://www.kvh.org.nz/summermanagement).

Growers are reminded about the weather forecasts available on the KVH website. Growers can use these tools to plan on-orchard activities such as canopy management during fine weather periods and protective spray applications before significant weather events. Forecasts are available on the website grower-only pages to growers with KPINS in the Te Puke, Tauranga, Opotiki and Katikati regions. (See examples below). To access, use the **User login** section at the top left corner of the homepage; or register by clicking on the **Register** link, also at the top left corner of the homepage. (See last item in this *Psa Bulletin* for steps about how to register.)

## 6. Weather snapshots from KVH website

Six day weather forecasts below for Te Puke (left) and Opotiki (right) are a snapshot example from the weather station information on the KVH website at 7 March 2012. These pages can be accessed through the grower-only pages by registered users with KPINS in the Te Puke, Tauranga, Opotiki and Katikati regions.



## 7. KVH to end payment for disposal costs outside the BOP region 31 March 2012

KVH will end payment for disposal of infected plant material for all regions outside of the Bay of Plenty, at 31 March 2012. Payment for disposal costs in the BOP region ended on 1 February 2012. The Fraser Gear Ltd incinerator is available at grower's cost, phone 07 573 6803. Contact KVH on 0800 665 825 or [info@kvh.org.nz](mailto:info@kvh.org.nz).

## 8. Biosecurity

- **MAF removes Controlled Area Notice (CAN) for Te Puke region**—the Ministry of Agriculture and Forestry (MAF) has issued a Notice to advise the CAN was 'revoked' from 5 March 2012. KVH has informed affected nurseries. MAF advises the kiwifruit industry now has the influence and communication means to ensure growers and nurseries in those areas where Psu-V is present do not move nursery stock to the remaining New Zealand areas free of the disease. Therefore, the industry's own nursery movement controls will continue to apply across the regions. KVH has regional networks in place to work with growers to ensure compliance with these. For more information see [www.maf.govt.nz/news-resources/news/maf-removes-restrictions-on-kiwifruit-nursery-stoc](http://www.maf.govt.nz/news-resources/news/maf-removes-restrictions-on-kiwifruit-nursery-stoc).
- **Farmers advised reject kiwifruit a risk to Psu-V-free regions**  
KVH is asking all farmers to reduce the risk of spreading Psu-V through stopping movement of contaminated plant/leaf material associated with reject fruit loads for animal feed. These loads have the potential to harbour infected leaf/plant material. Grower groups are preventing all inter-regional movements of reject fruit consignments as these can provide a pathway for the entry and establishment of Psu-V. To ensure the on-going containment of Psu-V, farmers outside of the Bay of Plenty are being requested not to source kiwifruit for animal feed unless it is from the same region they are located in and to discuss any plans to buy reject kiwifruit. Contact local KVH regional committee members at [www.kvh.org.nz/contacts](http://www.kvh.org.nz/contacts) or KVH on 0800 665 825 or [info@kvh.org.nz](mailto:info@kvh.org.nz).
- **Orchard hygiene practices and biosecurity measures remain important across all regions**  
Following recent reports that growers and contractors in some Bay of Plenty areas believe orchard hygiene practices no longer apply in highly infected areas, a short survey of packhouse procedures was taken at this week's packhouse technical representatives' meeting in Te Puke. All packhouse representatives present were unanimous in their response fully endorsing the importance of orchard hygiene practices. All reported that their packhouses and related grower hygiene programmes have been increased since 2011 and new facilities such as dedicated washdown areas have been or are being installed. There was a resounding endorsement that

the inoculum levels must be kept to a minimum for the overall benefit of the industry, particularly leading up to harvest and associated movements.

## 9. R&D update

- **Next R&D grower meeting**—is from 4–6pm, Thursday 15 March, at The Orchard Church, 20 MacLoughlin Drive, Te Puke. Details will be confirmed closer to the date on the KVH website calendar at [www.kvh.org.nz/calendar/t/1331722800/v/weekly](http://www.kvh.org.nz/calendar/t/1331722800/v/weekly).
- New product testing In vitro results [www.kvh.org.nz/product\\_testing](http://www.kvh.org.nz/product_testing).
- Project updates—controlling Psa [www.kvh.org.nz/controlling\\_psa](http://www.kvh.org.nz/controlling_psa).
- New reports have been published about [monitoring resistance to copper and streptomycin](#) and [cleaning infected pollen](#).
- Information about the ZESPRI Innovation team contracted by KVH to manage the Psa Research and Development programme is at [www.kvh.org.nz/research\\_development](http://www.kvh.org.nz/research_development).

## 10. KVH web updates

**ZESPRI late season spray update meetings, Katikati and Te Puke**—3pm, Wednesday 14 March, at the Katikati Rugby and Sports Club, Moore Park, Fairview, Katikati and 3pm, Friday 16 March, at The Orchard Café, 20 MacLoughlin Drive, Te Puke [www.kvh.org.nz/calendar/id/187](http://www.kvh.org.nz/calendar/id/187).

## 11. Repeat notes and web links

- **Nursery guidelines**—KVH and the regional Co-ordinators are nurseries are developing protocols for inter-regional nursery plant movements. As most Psa-V free regions have suspended all imports of kiwifruit plant material, these protocols will be used primarily in the decision-making process for inter-regional movements between Psa-V infected regions. The removal of the Controlled Area Notice from the Te Puke area means these guidelines are vital.
- **Elicitor use**—the permitted use-period for **Actigard™** has concluded due to its 70-day withholding period ending. Growers may continue to use **Bio Alexin**. This product has a 14-day withholding period.
- **Register for KVH website grower-only pages**—open KVH website homepage at [www.kvh.org.nz](http://www.kvh.org.nz); click 'Register' button at top left of the screen. Fill in information boxes; click 'submit'. KVH emails you a username and password. You can then 'login' by clicking on 'user login' button at top left of the screen. Tick the 'remember me' box so password will be entered automatically next time you login. Call KVH on 0800 665 825 for help if needed.
- **KVH website search function**—click on **Site Map** located on base line of each web page to view layout of all the information on the website; or use link [www.kvh.org.nz/sitemap](http://www.kvh.org.nz/sitemap).
- **Psa-V risk-management plan**—packhouses have been asked to include a plan covering Psa-V best-practice requirements in their Documented Quality System. KVH needs to approve these plans before ZESPRI conducts its site audits. Packerhouses are reminded to submit plans to [karyn.lowry@kvh.org.nz](mailto:karyn.lowry@kvh.org.nz).
- **Preparation for harvest**—growers need to have the following hygiene facilities in place: orchard gate signage to ensure no unauthorised access to their orchard; designated parking area away from the harvest area for vehicles not required for harvest activities; clean, compacted-base surface wash-down area near orchard entrance, with access to water, to ensure plant material is effectively removed from harvest machinery and equipment; a high-pressure hose capable of dislodging caked mud from equipment; ready supply of hand sanitiser and disinfectant; footbath for workers and visitors to use to clean footwear before entering the orchard; good wash-down stations at orchards for cleaning equipment; process to communicate any additional hygiene requirements they may have;
- **January 2012 R&D update**—[click here](#) for Dr David Tanner report.
- **Psa-V symptoms pocket guide**—available to all growers, contractors, packhouses and merchants. Please contact KVH on 0800 885 625 or [info@kvh.org.nz](mailto:info@kvh.org.nz) for copies.
- **Sprayer nozzling guides and charts**—[www.kvh.org.nz/sprayer\\_nozzling\\_guide](http://www.kvh.org.nz/sprayer_nozzling_guide).
- **ZESPRI's Crop Protection Programme**—(CPP) 2011–2012 [www.kvh.org.nz/seasonal\\_advice](http://www.kvh.org.nz/seasonal_advice).
- **Psa 'ideas capture'**—send your Psa ideas and suggestions for our research and technical teams to consider, to [ideas@kvh.org.nz](mailto:ideas@kvh.org.nz) or call 0800 665 825. **Wild or abandoned kiwifruit**—phone KVH on 0800 665 825 or email [info@kvh.org.nz](mailto:info@kvh.org.nz) to report location and address of the plants and/or orchards. Please leave your contact phone number.
- **Reporting Psa symptoms**—contact your packhouse Psa manager. See [www.kvh.org.nz/monitoring](http://www.kvh.org.nz/monitoring).
- **Nursery Standard and Guidelines**—[www.kvh.org.nz/indnurseries](http://www.kvh.org.nz/indnurseries).
- **SmartKiwi Programme**—to apply for a SmartKiwi grant of up to \$5000, see [www.kvh.org.nz/smartkiwi\\_projects](http://www.kvh.org.nz/smartkiwi_projects) or call ZESPRI Grower Contact Centre 0800 155 355.
- **Regional Psa co-ordinators**—[www.kvh.org.nz/contacts](http://www.kvh.org.nz/contacts).

- **Emotional support and financial advocacy**—local support is available from community groups and specialist organisations such as the Rural Support Trust on 0800 787 254, the national depression and support helpline from 8am–midnight, 7 days a week, on 0800 111 757, or visit [www.depression.org.nz](http://www.depression.org.nz). NZKGI is facilitating financial support advice and can be contacted on 0800 232 505. Also see KVH website at [www.kvh.org.nz/grower\\_support](http://www.kvh.org.nz/grower_support).