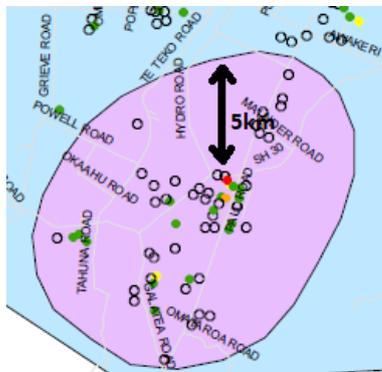


## What are KVH Priority Zones?



Kiwifruit Vine Health Inc (KVH) has led the industry response to the kiwifruit vine disease Psa-V since the initial incursion in New Zealand during November 2010. Part of KVH's on-going work involves producing maps to highlight the locations of infection. These maps, which illustrate the footprint of the disease, are published on the KVH website at [www.kvh.org.nz/maps](http://www.kvh.org.nz/maps). KVH decide on the boundaries of the Priority Zone (PZ) by extending a 3–5km radius around any Psa-V infected orchard. Significant geographical features (rivers, mountain ranges, pasture land) can mean the 3–5 km radius may be adjusted to accommodate for these natural boundaries.

## What are KVH High Risk Areas?

A High Risk Area (HRA) is created to surround a defined PZ. It is to ensure there is a suitable 'buffer zone' around the borders of a PZ. The extent of the HRA is determined by the location of the orchards in a Psa-V affected region and natural boundaries. One reason PZ's and HRA's are established is to immediately limit further mechanical spread throughout a region by preventing contractor and plant material movements between these zones and to further unaffected areas.

Maps of Priority Zones and High Risk Areas are on the KVH website: [Priority Zones and High-Risk Areas](http://www.kvh.org.nz/priority-zones-and-high-risk-areas).

**If your kiwifruit orchard is located in a Priority Zone or a High Risk Area the following information applies.**

### Additional spray option available

KeyStrepto™ received restricted approval for use by growers in the PZs and HRAs as part of the KVH spray-subsidy programme. Growers with orchards located within a HRA or PZ have the option to use KeyStrepto™ as a spray protectant (**under strict conditions and only at certain times of the year**). The KeyStrepto™ user guide is on the KVH website at [KeyStrepto™ User Guide](http://www.kvh.org.nz/keystrepto-user-guide).

### Hygiene standards

Growers in all kiwifruit growing regions should be adhering to best practice orchard hygiene standards as matter of routine. If you are located within a PZ or HRA there is increased risk that comes with being in closer proximity to Psa-V infected orchards. This means some firm decisions about what and who and what you allow onto your property. Ask the right questions about where visitors and contractors have been and what steps they have taken to ensure their equipment and vehicles are disinfected. By providing a suitable wash-down area at your orchard entrance enables you to take control of the hygiene requirements you set for all equipment moving onto your orchard. For more information about orchard hygiene see [www.kvh.org.nz/hygiene](http://www.kvh.org.nz/hygiene).

### Transporter protocols

Protocols are in place to ensure transporters are aware of the risks associated with Psa-V and how to reduce its spread. Details are on the KVH website at [www.kvh.org.nz/transport](http://www.kvh.org.nz/transport). All loads of fruit originating from areas of high infection and travelling to, or through, areas of less infection should be securely covered to prevent stray leaf material being lost to the environment.

### Artificial pollination and bees

KVH is continually working with beekeepers and pollen producers to develop guidelines for hive management and pollen production systems that mitigate the spread of Psa-V. PZs and HRAs awareness is integral to some of the movement restrictions and pollen harvesting /application protocols. If your orchard is located within a HRA or PZ it is important to understand that restrictions apply to the movement of hives and where pollen can be collected and applied. Information about these restrictions is on the KVH website at [www.kvh.org.nz/indpollen](http://www.kvh.org.nz/indpollen).

## Nurseries and budwood supply

There are KVH standards and protocols associated with the movement of budwood and rootstock from PZs and HRAs. Nurseries should not be sourcing propagation material from within a HRA or a PZ. See KVH website document at [www.kvh.org.nz/indnurseries](http://www.kvh.org.nz/indnurseries). KVH advises all propagators, distributors and handlers of budwood that no plant material can be sourced from within the KVH Priority Zones. See KVH website document at [www.kvh.org.nz/indgrafters](http://www.kvh.org.nz/indgrafters).

## Reject fruit for stock feed

Reject fruit originating from a PZ must be disposed of within the same PZ which it originated and unloaded away from any kiwifruit orchards. This ensures the associated (potentially infected) leaf material is not transported to areas outside the PZ where Psa-V has not been detected. Reject fruit originating from HRAs and all other kiwifruit growing regions across New Zealand has fewer restrictions but should be disposed of more than 1km from the nearest kiwifruit orchard. See the KVH website for further details on disposal options at [http://www.kvh.org.nz/vine\\_removal](http://www.kvh.org.nz/vine_removal)

## Reject fruit for processors

Reject fruit is also used by processing companies throughout NZ. If reject fruit for processing is sourced from within a PZ, or is supplied from a packhouse within a PZ, the fruit must be sanitised prior to transport. Strict controls are in place to ensure these reject fruit loads are contained at all times. Please refer to the processor protocols on the KVH website for details [www.kvh.org.nz/industry\\_protocols](http://www.kvh.org.nz/industry_protocols).

## Monitoring

KVH encourages all growers to be vigilant about reporting Psa-V symptoms. Frequency of monitoring needs to increase when you are located within a PZ or a HRA—early reporting of symptoms allows for a rapid response in the event of incursions. If growers find suspected symptoms they should immediately contact their packhouse Psa manager who will confirm if the symptoms are typical of Psa-V. The packhouse Psa manager will organise sampling and testing. Details about monitoring information are available on the KVH website <http://www.kvh.org.nz/monitoring>.

## Psa positive—what now?

If you receive a Psa positive result, your packhouse should contact you may provide you with a *KVH Grower Information Pack*. The pack has information sheets about Psa management, control and best orchard practices to help contain Psa-V and minimise its spread. The pack also includes a *Duties of Owners of Organisms Notice*, which refers to your responsibilities under sections 52 and 53 of the Biosecurity Act 1993.

## More information

For more information please see the KVH website [www.kvh.org.nz](http://www.kvh.org.nz), contact your packhouse Psa Manager, phone KVH on 0800 665 825, or email [info@kvh.org.nz](mailto:info@kvh.org.nz). If you wish to subscribe to KVH's regular newsletter, *Psa Bulletin*, please email [info@kvh.org.nz](mailto:info@kvh.org.nz) with 'subscribe' in the subject line.

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