



# KVH Psa Risk Management Protocol—Kiwifruit-Orchard Entry

## Who should follow the kiwifruit-orchard entry protocol?

Every employee or contractor who is required to move onto kiwifruit orchards as part of their employment must follow this protocol.

## What is Psa?

*Pseudomonas syringae* pv. *actinidiae* (Psa) is a bacterial disease of kiwifruit vines, first identified on New Zealand kiwifruit orchards in November 2010. Psa carries no risks associated with human or animal health, and it does not affect plants other than kiwifruit vines.

## How does Psa spread?

Psa is a transmittable bacteria, which means it can be carried via heavy rain, strong winds, on equipment, machinery, people and plant material.

## Who is Kiwifruit Vine Health Inc. (KVH)?

KVH has taken over leadership of the Psa response from ZESPRI and MAF since December 2010. KVH is working with industry partners to develop and execute short- and longer-term strategies for managing Psa in New Zealand. (Refer to [www.kvh.org.nz](http://www.kvh.org.nz) phone 0800665825, email [info@kvh.org.nz](mailto:info@kvh.org.nz))

## Protocol

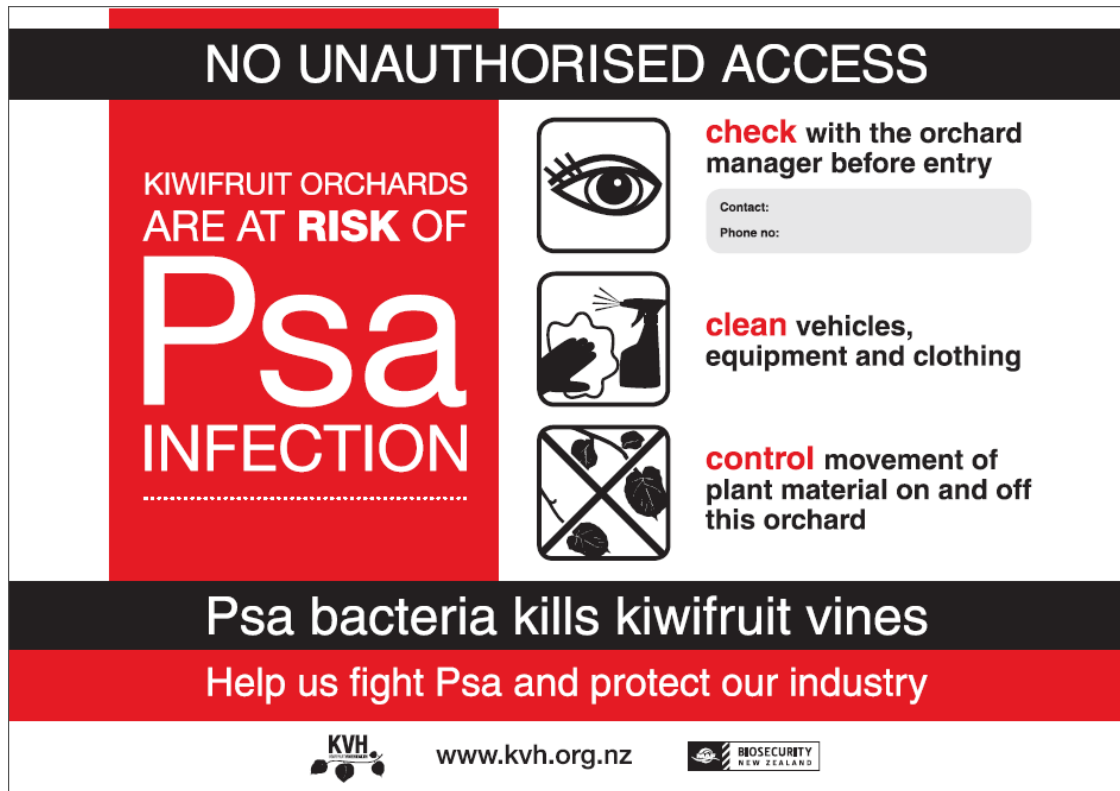
### Prior to leaving your office:

1. Before leaving office premises or commencing work, contact the orchard owner or manager to arrange a designated meeting place.
2. Enquire about the grower's own protocols and orchard-hygiene requirements.
3. If you cannot contact the grower you will need to delay your visit.
4. Ensure you have disinfectant to decontaminate yourself and your vehicle upon exiting the orchard.
5. Ensure your vehicle is as free as is possible of previous debris and mud in the wheel arches. Ask to use the orchard wash-down area if available.

### On arrival at an orchard

1. You should see Psa risk-management signage at the orchard property boundary with contact details listed. (See attached orchard gate illustration point 7. on page following).
2. Meet the orchard grower at the designated site. Only essential vehicles should enter the orchard so park outside the orchard if possible.
3. If you were unable to contact the grower prior to leaving your office, once you have arrived at the entrance or the orchard office, make every effort to contact the grower again.

4. Keep to the hard-formed tracks when driving through the orchard; **do not** drive on the grass.
5. Follow the orchard owner's requirements for hygiene.
6. Do not go under the kiwifruit vines (this includes people and vehicles) unless it is absolutely necessary. If you have to go under vines, you must follow the owner's expectations and wear the correct protective clothing (disposable coveralls/hats etc).
7. Psa risk management orchard gate sign illustration:



#### Prior to exiting the orchard

Check and decontaminate yourself and your equipment of all plant material (including your shoes, clothes and vehicle)

#### People

1. Do not take anything you do not need from the site.
2. Immediately prior to exiting the orchard disinfect footwear (particularly the soles) in a footbath; or spray with disinfectant (Virkon, Quats, Trigene etc. – follow the recommended label rates).

#### Vehicle cleaning (prior to leaving the orchard)

1. At the wash-down area check that all plant material and soil on the vehicle is completely washed off and removed.
2. Spray all tyres, wheel arches and access ladders with a high-pressure water-hose followed by disinfectant (Virkon, Quats, Trigene etc. – follow the recommended label rates). Pay particular attention to the undersides of the vehicles, ensuring tyres are thoroughly washed and make sure nothing is trapped in the tread.
3. Ensure that any run-off or splash does not contaminate adjacent vehicles.
4. No vehicles will be allowed to leave an orchard until the vehicle has been sufficiently decontaminated.

Even if you do not intend going onto another orchard in the foreseeable future, you still **must** follow the above protocol.