

# KVH PROTOCOL

## Orchard Equipment and Infrastructure



### Background

Movement of any risk items that potentially constitute, harbour or contain kiwifruit vine material create a serious risk of PsA-V spread. Current evidence suggests that people can spread PsA-V, **or other biosecurity threats**, through the movement of risk items that may be contaminated with plant material. PsA-V is able to survive on vehicles, orchard equipment and other equipment that is moved onto, around or off orchards.

### Scope

This protocol covers the following risk items:

- Orchard infrastructure and equipment, including posts, agbeam, shelter cloth, reflective mulches, structural timbers, irrigation systems, , sprayers fertiliser spreaders, tractors, root ripping tools, bin trailers etc.
- For movement of fruit bins between packhouses and orchards please refer to [KVH Protocol: Fruit Bins](#)

FROM: (source region)	Within the same region	TO: Destination region – if not region of origin		
		Recovery	Containment	Exclusion
Recovery	Allowed –any plant material must be removed, equipment washed and sanitised at end of day.	Allowed – any plant material must be removed, equipment washed and sanitised.	Authorisation from KVH required.	Authorisation from KVH required.
Containment	Allowed – any plant material must be removed, equipment washed and sanitised.	Allowed –any plant material must be removed, equipment washed and sanitised.	Authorisation from KVH required.	Authorisation from KVH required.
Exclusion	Allowed – any plant material must be removed, equipment washed and sanitised.	Allowed – any plant material must be removed, equipment washed and sanitised.	Allowed – any plant material must be removed, equipment washed and sanitised.	Authorisation from KVH required.
Outside the above regions	N/A	Authorisation from KVH required.	Authorisation from KVH required.	Authorisation from KVH required.

### Requirements

Anyone moving kiwifruit orchard infrastructure or equipment (other than fruit bins) between orchards or between orchards and packhouses, must adhere to this protocol and [KVH Best Practice: Orchard Hygiene](#)

Within the same Recovery region all items must be cleaned of any visible plant material between orchards and sanitised at the end of the day as a minimum using a KVH recommended sanitiser (refer [KVH Information Sheet: Sanitisers](#)).

Between Recovery regions and for all movements in Containment and Exclusion regions all items must be cleaned of any visible plant material and sanitised prior to movement onto an orchard, and when moving off an orchard.

### Additional requirements

#### Controlled area notices:

There is a controlled area notice currently in place for Whangarei. KVH has defined a controlled area around the centre of PsA-V infection in this region to which movement restrictions apply. Movement controls apply to all risk items that move within or out of these controlled areas.

For further information, refer to [www.kvh.org.nz/vdb/document/101666](http://www.kvh.org.nz/vdb/document/101666)

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