

CAV Contractors Biosecurity Plan




There is a high biosecurity risk associated with kiwifruit orchard contractors, who routinely move machinery, equipment, tools, people, kiwifruit plant material and compost within and between orchards.

Contractors who are registered with Zespri and hold a Compliance Assessment Verification (CAV) need to complete a Contractors Biosecurity Plan to keep on file with their CAV records for audit. This template is designed to be used to meet these requirements.

Contractor details	
Date:	17 December 2022
Contractor business name:	Mubwons Ltd
Contact responsible:	Chloe King
Contact phone:	273524735
Contact email:	mubwons@gmail.com
Activities carried out (examples are Harvester; Spray Contractor; Vine Maintenance; Fertiliser Contractor)	Harvester Vine Maintenance
Kiwifruit region(s) of operation:	Te Puke
Risks to be managed	
Contractors need to identify which risks are relevant to them in their business and are required to put systems in place to manage them. Anything brought onto an orchard needs to be clean and free of plant material and soil. Any kiwifruit plant material brought on (e.g., budwood, pollen, plants etc) needs to be from a KPCS certified source. KVH maintains a <u>list of sanitisers</u> effective against a range of plant diseases.	
Machinery	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
People (clothing, footwear)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Tools	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Other equipment (name)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Kiwifruit plants	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Budwood	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Pollen	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Shelter plants	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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Compost	<input type="checkbox"/> Yes  No
<input type="checkbox"/> machinery free of soil and plant material before entering each orchard. <input type="checkbox"/> cleaned and sanitised after harvest <input type="checkbox"/> approved sanitiser used Citric Acid	
People hygiene	
It is important that people coming onto an orchard are not carrying soil and plant material which could carry and spread infection.	
<input type="checkbox"/> clothing and footwear checked and is free of plant material <input type="checkbox"/> other additional measures in place (e.g., footbath, sanitiser) and listed below: <input type="checkbox"/> Please refer to our Hygiene policy at www.mubwons.co.nz	
Tools and other equipment	
Tools and other equipment can spread infection from plant to plant and orchard to orchard so should be cleaned and sanitised to prevent this likelihood.	
<input type="checkbox"/> tools free of soil and plant material before entering each orchard <input type="checkbox"/> cleaned and sanitised <input type="checkbox"/> approved sanitiser used (refer to KVH good practice orchard hygiene advice and the list of sanitisers for more information)	
Biosecurity awareness	
Contractors need to understand <ul style="list-style-type: none"> • what biosecurity threats there are to kiwifruit orchards, • best practice to avoid their spread, • hygiene requirements, • how to report the unusual, • traceability requirements. 	

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Kiwifruit’s Most Unwanted How might this enter an orchard? How does this affect OGR?

Soil borne diseases

- Ceratocystis fimbriata Tools
- Plant material

Soil on people or vehicles and equipment Production impacts - up to 50% vine loss

- Verticillium Wilt Tools
- Plant material

Soil on people or vehicles and equipment Production impacts - up to 100% vine loss

- Invasive phytophthoras Tools
- Plant material

Soil on people or vehicles and equipment Production impacts - plant killers, impacts unknown

Bacteria

- Psa (non-New Zealand biovars) Tools
- People
- Plant material

Impacts to green varieties and possibly new gold varieties also

Pests

Fruit flies Movement of infested fruit Market access restrictions

- Brown Marmorated Stink Bug Imported vehicles and machinery
- Visitor’s luggage
- Shipping containers

Internet purchases Production impacts - fruit loss, control costs and residue issues for markets

- Spotted Lanternfly Eggs on imported vehicles, machinery, or structural materials

Shipping containers Production impacts - mainly from sooty mould. Hitchhiker pest, so hard to control spread

White Peach Scale Imported fruit being brought onto the orchard Production impacts - fruit loss and control costs

- I have read and understand the risks above and will help to prevent them through my biosecurity practices.
- I know to report anything unusual, and if it is a pest to catch it, snap it and report to either the Biosecurity New Zealand hotline on 0800 80 99 66 or KVH on 0800 665 825.

Staff training

Staff need to be trained to ensure they understand all contractor (and grower) biosecurity protocols.

- staff training completed for all staff in all areas of the contractor biosecurity plan
- records maintained and signed by trainer
- records kept home office / cloud

Grower onsite requirements

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Contractors must check for any specific biosecurity requirements with their orchard contact.

- check if the orchard has any specific biosecurity requirements before entering
- staff and hygiene register completed
- movement of vehicles kept to dedicated access tracks/roads
- vehicles left in dedicated parking area outside fruit production area
- any unusual pests or vine symptoms reported to grower or KVH

Traceability

Maintaining records of what and who has been on the orchard and when, allows better traceability in the event of a biosecurity incursion. From a biosecurity perspective, these records can be hugely important

- records maintained of orchards visited - date and time
Records kept in paper diary at home office.
- personnel present at each orchard recorded
Timesheets
- records kept
(location)
Home office
- if any plant material is involved in contractor activity (e.g., plants, budwood, pollen) traceability to source maintained.
Grower supplied
Pollen linked to Kpin
OR circle if NON-APPLICABLE
- location on the orchard where plant material is used is recorded

Records

This is a summary of records that you need to have on hand and keep available should they be required for a biosecurity incursion. KVH may audit contractors to ensure the industry is meeting their biosecurity responsibilities.

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- staff training records
- orchard visit log
- staff traceability records
- traceability records for plant material if part of operation showing movement from where to where
- records maintained for seven years and available to KVH on request
- records kept home office

Annual review date: For review December 2023