

# FOOD DEFENSE & FOOD FRAUD RISK ASSESSMENT FORM

RISK ASSESSMENT for:

KPIN/s: *MAKAIRA / KONAYUKI*  
3390 / 8000

STEP 1: Identify Hazards		STEP 2: Risk (High, Medium, Low)	STEP 3: Control Hazards (Eliminate, Isolate or Minimise)			STEP 4: Continuous Improvement	
Source	Hazard	Risk	E	I	M	Hazard Control	✓
Unknown people	<ul style="list-style-type: none"> <li>Deliberate chemical/physical/biological damage to crop or soil</li> <li>Deliberate chemical/physical/biological damage to inputs (chemicals, fertilisers, organic matter, equipment)</li> <li>Deliberate damage to equipment</li> </ul>	L			<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>Staff aware of need to identify unauthorised people on orchard</li> <li>Signage and restricted access points in place</li> <li>Inputs and equipment kept secure and restricted to approved personnel</li> </ul>	
Employees	<ul style="list-style-type: none"> <li>Deliberate chemical/physical/biological damage to crop or soil</li> <li>Deliberate chemical/physical/biological damage to inputs (chemicals, fertilisers, organic matter)</li> <li>Deliberate damage to equipment</li> </ul>	L			<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>Staff trained to report any suspicious activity</li> <li>Picking staff supervised by approved persons and product visually checked throughout process</li> <li>Inputs and equipment kept secure and restricted to approved personnel</li> </ul>	

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Contaminated water supply	<ul style="list-style-type: none"> <li>• <i>Chemical contamination of crops or soil</i></li> <li>• <i>Reduction in effectiveness of PPP used</i></li> <li>• <i>Bacterial contamination of crops</i></li> <li>• <i>Poor quality crop / canopy</i></li> </ul>	L			<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>• Staff trained on reporting of any suspicious activity</li> <li>• Test water at source if suspect tampering</li> <li>• Keep access points to water sources as secure as possible</li> <li>• Zespri Pre-harvest Residue Testing Programme</li> <li>• Regularly check water supplies (e.g. colour, odour)</li> </ul>	
Illegal/poor quality propagation material	<ul style="list-style-type: none"> <li>• <i>Vines susceptible to disease</i></li> <li>• <i>Poor producing plants</i></li> <li>• <i>Not able to supply Zespri</i></li> </ul>	L			<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>• Purchase from approved supplier (KPHCS certified)</li> <li>• Sight supplier's certification prior to purchase</li> <li>• Zespri variety license</li> </ul>	
Illegal/poor quality or contaminated plant protection products	<ul style="list-style-type: none"> <li>• <i>Chemical contamination of crops and/or soil</i></li> <li>• <i>Pest control failure</i></li> <li>• <i>Residue on fruit</i></li> <li>• <i>Poor quality crop</i></li> </ul>	L			<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>• Purchase from reputable supplier</li> <li>• Keep records of purchases</li> <li>• Keep up to date stock inventory and application records</li> <li>• Zespri Pre-harvest Residue Testing Programme</li> <li>• Notify Zespri if suspect plant health affected by input</li> </ul>	

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Illegal/poor quality or contaminated fertiliser	<ul style="list-style-type: none"> <li>• <i>Chemical contamination of crops and/or soil</i></li> <li>• <i>Bacterial contamination of crops and/or soil</i></li> <li>• <i>Residue in soil / on fruit</i></li> <li>• <i>Poor quality crop</i></li> </ul>	L			<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>• Purchase from reputable supplier</li> <li>• Keep records of purchases</li> <li>• Keep up to date stock inventory and application records</li> <li>• Notify Zespri if suspect plant health affected by input</li> <li>• Soil testing</li> <li>• Obtain analyses records for products</li> </ul>	
Poor quality/ unsafe organic matter	<ul style="list-style-type: none"> <li>• <i>Chemical contamination of crops and/or soil</i></li> <li>• <i>Bacterial contamination of crops and/or soil</i></li> <li>• <i>Poor quality crop</i></li> </ul>	L			<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>• Purchase from reputable supplier</li> <li>• Keep records of purchases</li> <li>• Keep stock secure</li> <li>• Monitor vine health</li> <li>• Soil testing</li> </ul>	

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**NOTE:** Tick in the CI column any actions that you may plan to do or have identified as an opportunity for improvement. Move only action(s) you intend to act on in the next 1-3 years to your continuous improvement plan form (The continuous Improvement plan is in Part B: Section 1.6 of the Grower Manual).

**STEP 5: Review**

Date: 30 NOVEMBER 2023	Sign: <i>ChloeKing</i>	Date:	Sign:
Date:	Sign:	Date:	Sign:
Date:	Sign:	Date:	Sign: