

### **Desired outcome**

All growers have a clear plan for managing Psa-V risk on their orchard, and have confidence they are meeting requirements of the NPMP

### **Background**

Planning to manage Psa-V on the orchard is about taking practical steps to reduce the likelihood that Psa-V will arrive, spread within, or spread from an orchard (or any other site that could be a source of Psa-V infection). Where Psa-V is present within an orchard, the development of a Psa-V Orchard Management Plan is about taking steps to minimise the impacts of Psa-V, that protect the health of the kiwifruit industry, as well as protecting neighbouring regions and individual orchards.

Experience to date is that Growers who have a clear plan are achieving greater success in managing Psa-V. Also, that having a clear plan is also one of the key things one can do to reduce the stress that can affect Growers, and their families, dealing with Psa-V.

Psa-V Orchard Management Plans are also one of the key tools that enable KVH to address unmanaged and abandoned orchards, to make sure these do not create serious risks that impact other Growers. Growers who have and implement their Psa-V Orchard Management Plan can be confident they are meeting all NPMP minimum requirements.

Growers will need to determine the most effective management approach (over and above the minimum requirements), which is best suited to their situation. KVH will continue to provide best practice advice, supported by a significant R&D programme, to assist this. The intent is to align 'best practice management' with 'best practice for production' as far as possible to keep it simple and keep costs down.

### **NPMP requirements**

The NPMP includes a rule that requires every Grower to have, and operate in accordance with, a Psa-V Orchard Management Plan. These must be in place by 1 August 2013. Specifically, this responsibility falls on the occupier of an orchard first and foremost, but where an occupier cannot be identified or made responsible, that responsibility shifts to the orchard owner.

A Psa-V Orchard Management Plan must cover at least the following:

- Hygiene: Orchard hygiene practices that will be implemented to reduce the risk of Psa-V entering, or spreading in or from, the orchard;
- Crop protection: The crop protection programme that will be applied to protect vines, to manage impacts, and to reduce the spread of Psa-V;
- Monitoring: The Psa-V monitoring programme that will be implemented;
- Orchard Management: Any orchard management practices that will be applied to protect vines, to manage impacts, and to reduce the risk of further spread of Psa-V;
- If Psa-V is not already present in the orchard or the associated Exclusion region, Containment region, or Recovery region (as the case may be), details of the actions to be taken to ensure readiness for an outbreak of Psa-V; and in the event that a Psa-V outbreak is detected within the orchard or the associated region for the first time;
- How mandatory requirements under the NPMP will be met, including:
  - i. Reporting of Psa-V;
  - ii. Providing monitoring information about Psa-V;
  - iii. Minimum crop protection for diseased orchards;
  - iv. Adherence to movement controls.

### **Implementation approach for Psa-V Orchard Management Plans**

KVH will continue to recommend best practice and provide advice to growers through the KVH Seasonal Management Guide, which is based on industry experience and the latest research. The KVH Seasonal Management Guide is to be closely aligned with the requirements of the Psa-V Orchard Management Plan to make implementation as simple and as easy possible for growers.

KVH will also provide model Psa-V Orchard Management Plans and templates to assist in plan development. Growers will be able to either use these or use their own template (provided it meets the legal requirements set out in the relevant NPMP rule).

Growers will be able to access technical advice and assistance with plan development over and above this through their regional committee, their post-harvest operator and from KVH.

### **Implementation approach for Growers under Zespri GAP**

For simplicity, Psa-V Orchard Management Plans are to be included within Zespri's GAP system, a system that incorporates about 95% of industry growers. Zespri's GAP system is a quality control system that encompasses the requirements of, and is recognised by, the international GlobalGAP standard, but enables Zespri to include additional requirements outside of the GlobalGAP standard, such as the requirements of the NPMP.

As a national regulation, the mandatory requirements of the NPMP will be considered as "major" requirements under Zespri GAP and therefore applicants must have 100 % compliance with these to achieve GAP certification under the Zespri GAP scheme. Growers will be required to file completed Psa-V Orchard Management Plans in their GAP manual and these will be reviewed during their GAP annual audit. The GAP audit process will continue to operate as it currently does, as follows:

- KVH will work with Zespri and other marketers, in June each year, to ensure that standards within GAP (or equivalent) are compliant with KVH's NPMP and specifically the Orchard Management Plan requirements.
- Grower audits will be conducted between October and December by post-harvest operators, who are in turn audited by Zespri.
- Independent verification of this process will be provided byASUREQuality, which also conducts random audits of some post-harvest operators and growers.

### **Implementation approach for other Growers**

Growers operating outside of the ZespriGAP will still be subject to an annual audit through one of several options depending on their situation. Those growers who are growing multiple crops under GlobalGAP may choose to include the Psa-V Orchard Management Plan as part of their annual GlobalGAP audit. Other growers will be audited by their packhouse with independent verification of the process by KVH.

### **Compliance**

It is expected that by including the Psa-V Orchard Management Plan requirement under the GAP scheme will result in high levels of grower compliance. Failure to have and operate in accordance with a 'Psa-V Orchard Management Plan' is not an offence under the NPMP, but it will result in implications under the GAP scheme. In extreme situations (e.g., where an orchard is considered 'unmanaged'), an authorised person will have ability to issue a notice of direction 'to have and operate in accordance with a Psa-V Orchard Management Plan' under s.122 of the Biosecurity Act to achieve compliance with this rule.