

# KVH actions and achievements 2011

KVH was established to scope an early response and management strategy to Psa.

**Mission**—to minimise the impact of Psa-V on the New Zealand kiwifruit industry. We will develop a pathway for the re-establishment and future growth of the New Zealand kiwifruit industry.

**Vision**—to re-establish a thriving and profitable New Zealand kiwifruit industry.

The following actions and achievements were highlighted at the KVH annual general meeting, November 2011.

## 1. Aggressive containment programme

- Vine removal

## 2. Biosecurity controls developed and introduced

- Surveillance
- Testing
- Infection database and mapping
- Infection tracing
- Disposal
- Biosecurity zones established across all New Zealand kiwifruit growing regions (orchard PZs, HRAs, and MRAs):
  - Priority Zones—area/s infected with Psa-V (including a buffer) prioritising containment;
  - High Risk Areas—area/s surrounding the Priority Zone/s and the next most at-risk area/s of infection; and
  - Medium Risk Areas—wider New Zealand regions subject to on-going monitoring
- Regional management
- Border controls—introducing signage, protocols, machinery washdown checks and facilities, awareness and education programmes.
- Plant movement controls—harvest, nursery stock, budwood, beehives, pollen, contractors, machinery and equipment
- Auditing and compliance.

## 3. Co-ordinated spraying

- Organisation of growers by 'road management' groups
- Incentivisation with spray subsidy programme
- Spray mapping and statistical reporting
- NIWA weather forecasting stations in Bay of Plenty areas
- Disease prediction modelling commenced
- Plume forecasting commenced.

#### **4. Technical Transfer**

- Best practice orchard management toolkit for seasonal management
- Technical representative weekly meetings in Te Puke area
- 'Orchard is the lab' (including Italy) and SmartKiwi programme
- Research and development interface
- Spray coverage
- Protectant evaluation
- Grower meetings
- Data capture and analysis
- Pollination protocols and practices
- Cut-out advice and recovery modelling
- Field screening rootstocks and new varieties.

#### **5. Research and development**

- Eighty-plus projects underway under eight key areas:
- Psa detection
- Epidemiology
- Genetics of Psa
- Control options
- Product testing
- Orchard management
- New cultivar and rootstocks
- Supply chain and consumer impacts.

#### **6. Communications**

- *Psa Bulletin*—weekly e-newsletter update
- *KVH News*—monthly news update
- Website
- Grower resources
- Media
- Managed identity
- Stakeholder engagement.

#### **7. Grower support in conjunction with NZKGI**

- Pastoral care
- Decision support tools
- Financial advocacy with the Banks.

## 8. National pest management strategy

- First draft with MAF
- Consultation process on-going
- Cost/benefit draft complete
- Target completion date June 2012
- Consideration to extend NPMS to plan for and manage all other biosecurity threats under proposed Government Industry Agreement.

## 9. Psa-V recovery pathway

- Impact assessment
- Orchard re-establishment options
- Bank support
- Exploration for potential Government assistance.

## 10. KVH future

- Management focus on meeting primary objectives
- Maintain a small, cost effective industry organisation
- Integrated operations utilising existing industry resources
- Biosecurity focus beyond Psa explored.

Following a review of its strategic direction in November 2011 the KVH Board affirmed its primary objectives as follows.

**Prevention**—to use biosecurity measures to prevent the establishment of Psa-V in Psa-V –free areas.

**Readiness and response**—early detection of any new outbreaks of Psa-V and a rapid and effective response.

**Containment**—to contain Psa-V by reducing and controlling inoculum through industry best practices.

**Solutions**—to manage a world-class research and development programme and to capture grower innovation to provide effective solutions.

**Recovery**—to enable orchards that have been affected by Psa-V to return to viable production; and to develop a pathway for the re-establishment and future growth of the New Zealand kiwifruit industry.