



KVH
KIWIFRUITVINEHEALTH



KiwiNet Workshop Summary

Dec 2016

Agenda

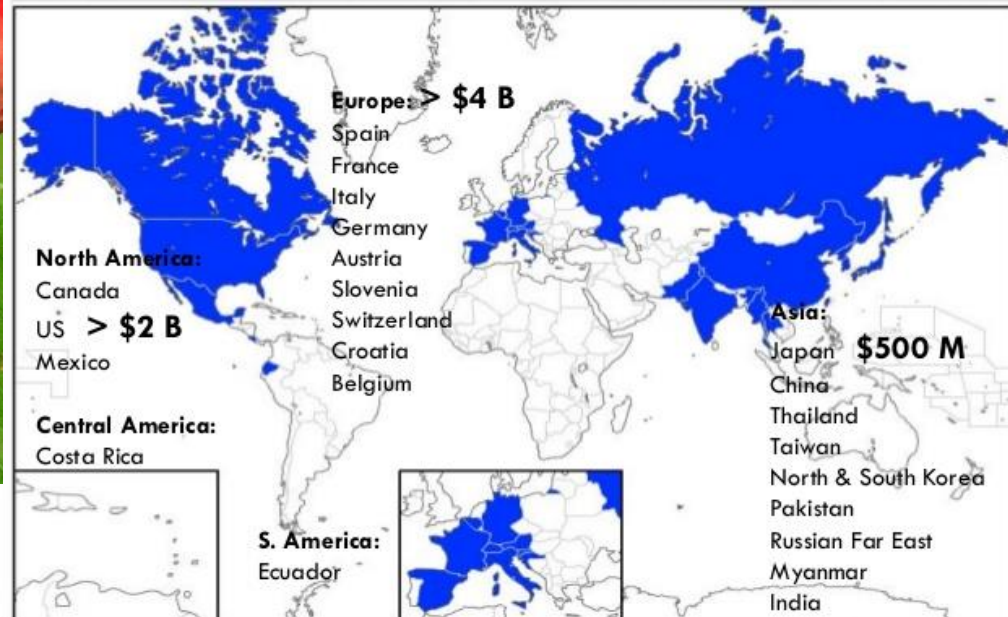
1:00 pm	1. Workshop introduction	<i>Barry O'Neil (KVH)</i>
1.05 pm	2. Spotted wing Drosophila – one of kiwifruit's most unwanted	<i>Rory MacLellan (MPI)</i>
1.25 pm	3. Red vented bulbul – invasive angry bird trying to establish in NZ	<i>Lindi Eloff (MPI)</i>
1.40 pm	4. Checking containers at post-harvest sites	<i>John Mather (KVH)</i>
	5. <i>Ceratocystis fimbriata</i>: exercise to test the draft Readiness Plan	
1:45 pm	<ul style="list-style-type: none"> • Scenario • Background information • KiwiNet involvement • Possible response strategy • De-brief; lessons learnt / improvements? 	<i>Contributors</i>
3:10 pm	6. Afternoon tea	
3:25 pm	7. <i>Ceratocystis fimbriata</i>: exercise to test the draft Readiness Plan (cont.)	<i>As above</i>
4.10 pm	8. On-orchard biosecurity (report back from workshop; next steps)	<i>Andrew Harrison and Matt Dyck (KVH)</i>
4:20 pm	9. Wrap up	
	<ul style="list-style-type: none"> • Observations from the day • Where to from here 	<i>Barry O'Neil (KVH)</i>
4:30 pm	Refreshments in the outside garden area	

1. Spotted wing drosophila

- Significant global impacts
- Impacts to new (softer) kiwifruit cultivars unknown



SWD Global Impact



2. Red Vented Bulbul

- Aggressive recent invader
- Sighted in Tauranga
- May damage fruit & other birds
- \$1000 reward for sightings leading to capture
- Size of a starling with distinctive red patch under tail



MPI Hotline: 0800 80 99 66



3. Brazilian wilt exercise

- *Ceratocystis fimbriata* – soil borne pathogen decimating the kiwifruit industry in Brazil.
- Up to 50% vine loss on some orchards
- KVH & MPI have been working on a Readiness Plan
- Exercise to test the plan, and further develop it

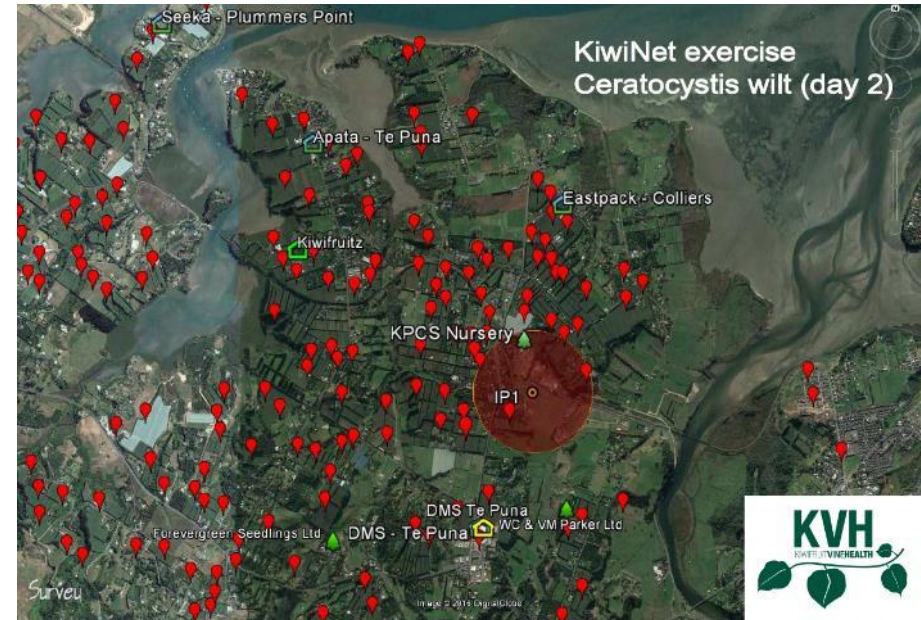
Readiness Plan
Ceratocystis fimbriata
WORKING DRAFT



November 2016

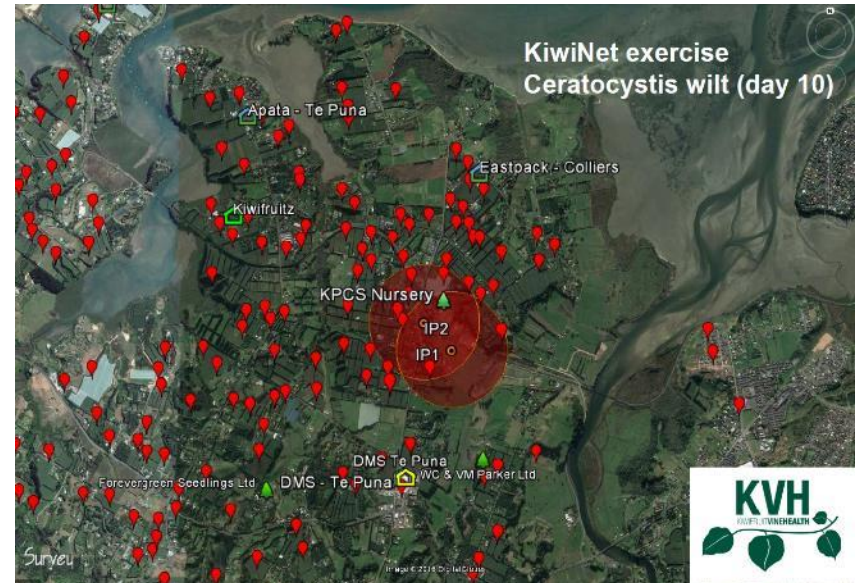
Scenario – Day 2

- Day 2 of a response
- 3 collapsing vines on 4 ha HW orchard
- Nursery adjacent to infected property
- Tracing and surveillance activities underway
- Meeting of industry leaders called to consolidate views (Barry O’Neil, Beth Kyd, Adrian Gault, Simon Cook)



Scenario – Day 10

- 2nd IP reported
- 22 other properties non-detected
- Tracing suggests Brazilian backpackers may have introduced it during summer pruning
- Technical advisory group formed to provide industry leaders with advise on eradication or containment options from here



Key messages from exercise

- Symptoms not detected on day 1 (lag time could be years)
- If pathogen is relatively contained at time of detection then eradication may be possible
- On-orchard biosecurity critical as routine practice, must address soil movements not just Psa
- Plenty of knowledge gaps = R&D opportunities for KVH/ Zespri
- Feedback – exercise was an excellent opportunity to think beyond Psa and to do so under pressure

4. On-orchard biosecurity

- Exercise highlighted the importance of routine on-orchard practices
- KVH working to develop guidelines that are;
 - Practical
 - Cost effective
 - Appropriate for level of risk
- Behaviour change required
- Industry champions to assist in process
- Zespri assisted with first workshop (Dec)
- Implementation early 2017

Jeff Roderick

Trevor Lupton

Andrew Dawson

Sandy Scarrow

Richard Pentreath

Andrew Scott

Sean Carnachan

Lehmber Singh

Amrik Singh

Keiran Harvey

Patrick Malley

Neil Te Kani

KVH

KIWIFRUITVINEHEALTH

