

Orchard A - High Altitude Te Puke - Male infection Monitoring Report

Inspection Date: 9 September 2014	Variety: Hayward – Chieftain males		
Blocks monitored: 5 (0.82ha); 6 (0.85ha)	Status: Psa-V positive on 4.10.11		
Reason for inspection: Male infection monitoring programme			
Monitored by: KVH team	Elevation: 100ms/		
Production 2013 : <i>9798 t/ha</i>	Production 2014: 6988t/ha		

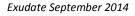
Observations:

Block 5 had similar levels of secondary infection in 2014 to that observed in 2013. However, block 6 had eight vines with infection this (early) spring compared to two in 2013. Three of them had leader dieback.

Block	Variety	Percentage of vines with secondary symptoms			
		2013	2.9.13	2014	9.9.14
5	Hayward – Chieftain males	Males	3.41 %	Males	2.27%
6	Hayward – Chieftain males	Males	2.08%	Males	8.33%

Photos







Monitored Blocks 2014

Symptom severity: Several vines had leader dieback – all symptomatic vines were in the dip in the block.

Background of block(s) under investigation):

- Westerly prevailing wind
- Frost protection in six only (overhead sprinklers)
- No irrigation
- KVH monitored blocks have always been the worst in terms of infection high inoculum levels early on from neighbour with infected Hort16A.
- No flowers harvested and no artificial pollination used.
- Attempt to spray prior to weather events trying to minimise the use of copper.
- Girdled vines in January.

Infection cut-out strategy: Cutting out once a month – going	Spray Programme: 2014 season- Actigard x1; Nordox x 3; Kocide
back to a junction if possible or back to the leader if necessary.	x4; Ambitious x 1

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