

**Katikati Orchard: Gold3 grafted onto Hort16A inter-stock – 4 September 2014.**

Background: This block was formerly H16A, with a mix of Bruno and Kaimai rootstock.

When the Hort16A canopy was removed and the block grafted to Gold3 an inter-stock of Hort16A remained on some plants as it had been difficult to determine the previous graft point.

Observations: Red exudate was seen on the Hort16A inter-stock. Plants also on Kaimai rootstock are worst affected. The Gold3 grafts placed last year appear healthy.



**Figure 1: Red exudate from Hort16A interstock.**



## Tauranga Orchard: Matua and Chieftain Males - 4<sup>th</sup> September 2014:

Background: In the orchard with Matua males, 40% of the males within the block were showing infection. In the three strip male rows adjacent a shelter row 100% of the male vines had exudate.

For the orchard with chieftain males around 20% of the males showed infection – this largely occurring at points of the vine where the bark was cracked.



Figure 2: Matua males – red exudate on leaders



Figure 3: Matua males - red exudate in cane joints



Figure 4: Chieftain males - red exudate on leaders



Figure 5: Young chieftain male -red exudate on trunks