

## Observation Report – 2012 grafted Gold3 on Chinensis rootstock—30 September 2014



**Location:** Te Puke

**Orchard Elevation:** 16 metres above sea-level

### Background

This Gold3 block was grafted in 2012 onto Chinensis rootstock, following cut out of Hort16A. The block was strung for two years. Around 75% of rootstocks have survived and 95% canopy fill has been achieved for these bays. The block is well sheltered, with overhead sprinklers in place for frost protection. In the early development stages foam was used to help protect developing leaders from wire rub and care has been taken to seal all cuts with wound protectants. Chinensis suckers are removed as they appear.

**Spray programmes to date:** In 2012-3, the spray programme included 7 coppers and 4 applications of Actigard (Oct/Nov/Dec/March). For 2013-4 season, 10 coppers and one Actigard (October) were applied.

**Observations:** Three canes with die-back were observed but otherwise both male and female vines appeared free of Psa-V symptoms at this time. Budbreak was even and shoots extremely floral. Many stumps in the lower altitude portion of the block were showing red exudate. This is thought to have expressed within the last two weeks. Sucker regrowth is occurring. Ongoing monitoring of the block, removal of infection as needed, and a proactive spray regime is planned to manage Psa-V risk.



Figure 1: 2012-grafted Gold3 on Chinensis stumps with exudate



Figure 2: Male /female separation within the block



Figure 3: Dehydrated canes—Gold3



Figure 4: Chinensis stumps with exudate



Figure 5: Regrowth from Chinensis rootstock

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