

KVH Unusual Symptom Report



Detailed report relating to exudating buds on young G3



Date of report: 13 May 2020

What was found?	Five young replacement plants collapsed, or with white and red exudate weeping from Gold3 buds.
Where?	Tauranga
When?	5 May 2020
Reported by	Orchard technical manager
Variety affected	Gold3 on Bruno rootstock
Symptoms	White and red exudate in Gold3 buds directly above the graft.
Action taken	Affected plants were cut below the graft. Rootstock tissue was found clean and plant roots healthy. Gold3 cane samples were forwarded to Hills Lab for analysis. Infected material was bagged and removed from site. For the plant with white exudate in the lower buds, removal of the grafting tape showed the graft had not knitted well - potentially this had been a Psa entry point. The balance of replacement plants across the orchard were checked and found healthy.
Outcome and requirements going forward	Hills Lab confirmed a Psa positive result for all canes. It was thought a recent cold snap had likely triggered symptom expression for these young plants which were in the coldest area of the orchard. Decision was to re-graft in winter, monitor progress and replant if plants in this area showed any evidence of infection.