

## Future Orchards Final Report

<b>Project title:</b>	<b>Evaluating new rootstocks for apples in WA</b>
<b>Region:</b>	South West WA
<b>Contact:</b>	Susie Murphy White
<b>Projective Objective:</b>	To evaluate the growth of new rootstock that are becoming available to WA pome fruit growers; CG 11, CG 41 and CG 202

<b>Outline:</b>	<p>To evaluate the growth of new rootstock that are becoming available to WA pome fruit growers; CG 11, CG 41 and CG 202</p> <p>10 trees of 5 new rootstock of Lady in Red apples to be planted in a new planting at Terry Martella's, Kirup WA in August 2018.</p> <p>Trees Supplied through Australian Pome Fruit Improvement Program coming from Tahune Fields Nursery in Tas;  CG 41 – Cornell University  CG 202 – Cornell University  T337 (M9) -  JM1 – Japan similar to M9 released 1997  JM7 – Japan similar to M9 released 1997</p> <p>Current industry standard of M26 supplied by grower through Olea nurseries here in Manjimup planting 2018</p> <p>Trial to be planted in 2019 (50 Trees)</p>
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<b>Milestones</b>	<b>Planned Date or Completion Date</b>
Trial defined	July 2017
Trial setup	August 2018
Records Measurement 1	March 2019
Records Measurement 2	March 2020
Field day	2020
Records Measurement 3	March 2021
Reporting	2020
Presentation growers	2020

## MAP & Layout:



## Results

No rootstocks to be supplied. Arrangements were made with Mark Harkin at APFIP to supply rootstocks through Tahune nursery Tasmania. After Mark left the role and Tom Frankcomb took over the role it was discovered that the rootstocks could not be supplied and had not been grown in the nursery. So two years later when the block is about to be planted we have no rootstock trial to be planted.

Initial conversations did occur with the local nursery and they were unable to supply and unwilling to get the rootstock in their nursery. They can now supply CG202 to growers, but too late for this trial and no other rootstocks to compare. I also did talk with Libby at Flemings Factree who could supply some of the listed rootstocks but previous trees sent to WA were of poor quality. DPIRD could have also grown the bench graft rootstocks for the trial too.

Very disappointed with APFIP to leave it this late to inform us that they could not supply the rootstocks, particularly when other options could have been used.

## References

G.11 (CG) Cornell University ANFIC and 30-35% of seedling size. USA Gavin Porter or Graham's Factree Similar to M9. Graham Fleming

G.41 (CG) Cornell University ANFIC and 30-35% of seedling size. USA Gavin Porter or Malling 27 x Robusta 5 <http://www.ctl.cornell.edu/plants/GENEVA-Apple-Rootstocks-Comparison-Chart.pdf>  
Graham's Factree Similar to M9. Graham Fleming

G.202 (CG) Cornell University ANFIC and 35-40% of seedling size. USA Gavin Porter or Malling 27 x Robusta 5 <http://www.ctl.cornell.edu/plants/GENEVA-Apple-Rootstocks-Comparison-Chart.pdf>  
Graham's Factree Similar to M26. Graham Fleming



**Rootstock Trial site to be developed and planted in August 2019**



**Lady in Red twin stem planted 2018 on M26**