Screening Almond Rootstocks for Resistance to Armillaria Root Rot

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Purpose:

- To confirm results from previous laboratory screening tests by K. Baumgartner .

Average Mortality of Rootstocks Inoculated with *Armillaria mellea*. Results from recent laboratory tests by K. Baumgartner	
Krymsk 86	27.3 a
Krymsk 1	35.8 ab
Marianna 26-24	63.1 bc
Lovell	71.8 cd
Empyrean 1	77.8 cd
Nemaguard	84.5 d
Brights 5	87.2 d
Hansen 536	89.1 d

Method:

- Inoculate potted almond saplings budded onto eleven rootstocks with peach twigs artificially infested with *Armillaria mellea*.
- Monitor potted trees for up to one year for tree mortality and infection by Armillaria.
- Results to be reported in 2016

Rootstocks to be tested in current pot study:

- Nemaguard
- Marianna 26-24
- Marianna 40
- Krymsk 86
- Citation
- Rootpac R
- Viking
- Atlas
- Empyrean 1
- Hansen
- Sam-1

Inoculum of *Armillaria mellea* grown on infested peach twigs

Thank you to Duarte, Sierra Gold and Dave Wilson Nurseries for donating trees for this study.