



Industry &
Investment

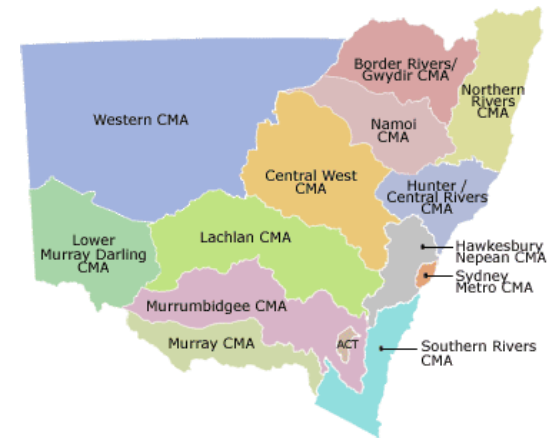
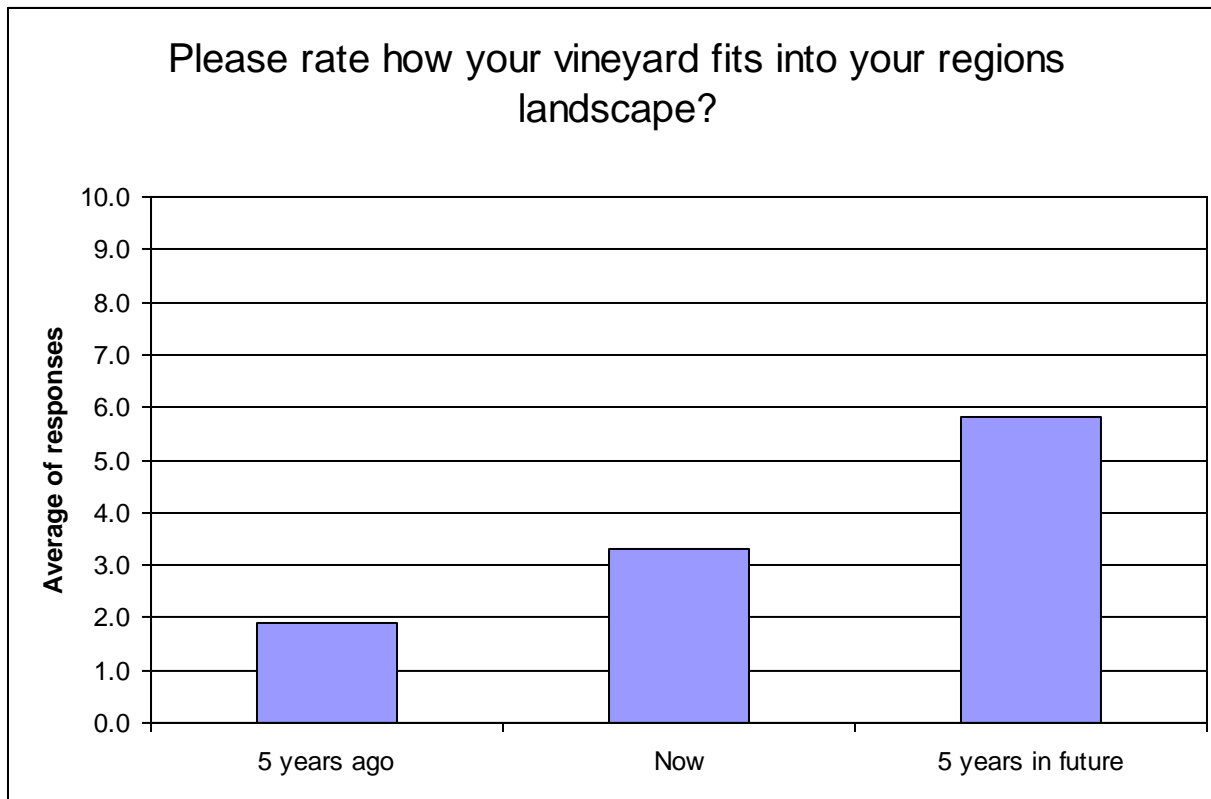


Vine Health Survey

Spring Vine Health Field Day
Tumbarumba

About the survey.....

- Gather information about vine health management across Australia's wine regions.
- Information used to coordinate research and extension activities.
- Nine questions relating mainly to vine health.
- Respondents asked to give a rating (1-10) for 5 years ago, Now and 5 years in the future.
 - ❖ 1= Deficient and 10 = Excellent
- 10 Tumbarumba growers surveyed (9 in person and 1 online).



- Most respondents had no knowledge of CAP's
- Tumbarumba growers split between two CMA's (Murray & Murrumbidgee).
- Moderate level of expected knowledge of CAP's in future.

Do you know enough about beneficial organisms?

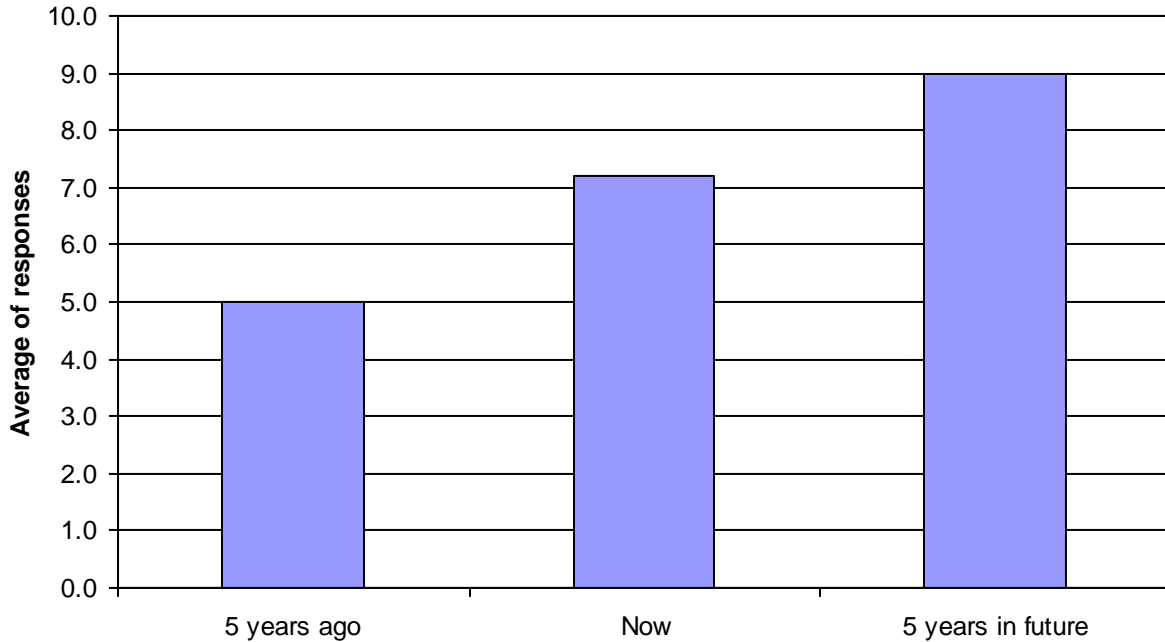


Photo : A Loch



Photo : David Madge

- Reasonable level of awareness 5 years ago (most members had completed IPM short course).
- Conscious of impacts of changes in the system (ie new chemicals) and need to keep informed.
- Some expressed interest in Soil Health and Soil Biota.

How do you manage powdery mildew, downy mildew, botrytis and other annual disease control programs?

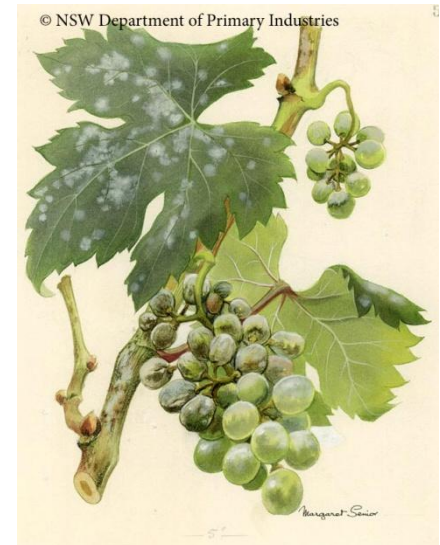
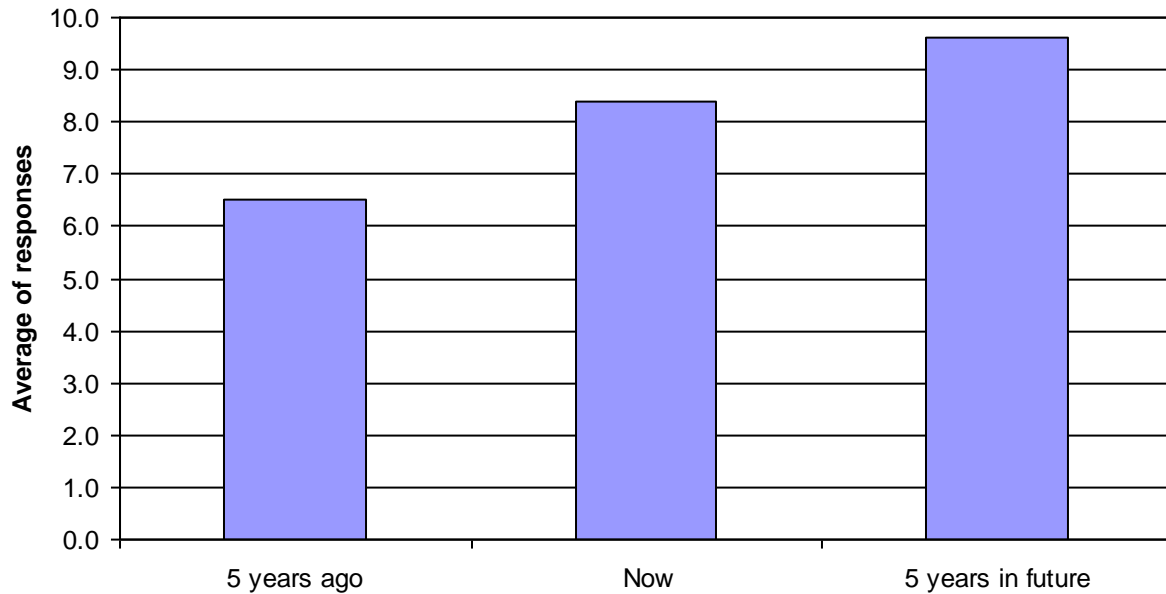


Photo : Ohio State Uni

- Starting from a good knowledge base (5+ years ago).
- Most identified Powdery Mildew & Botrytis as the key annual diseases for this region. (particularly Botrytis in 2009-10).
- Bunch Stem Necrosis or Bunch Canker was mentioned by a couple of respondents.

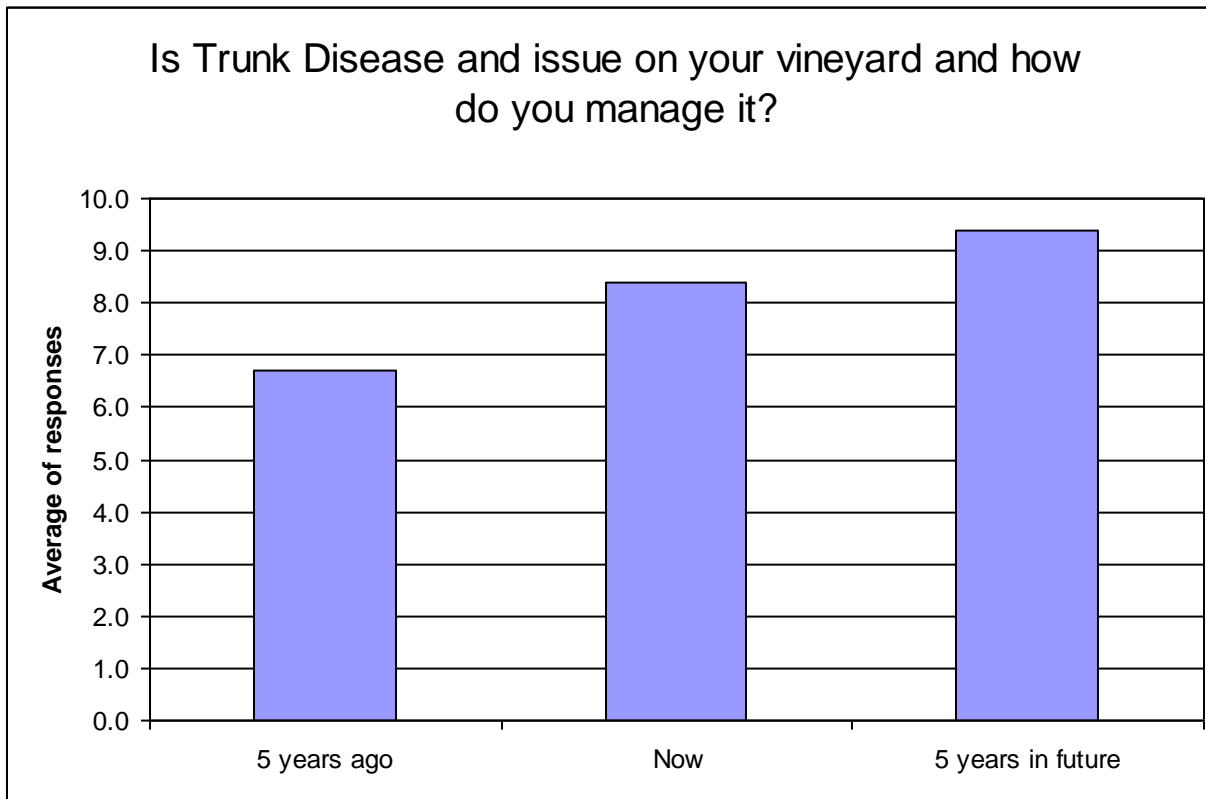


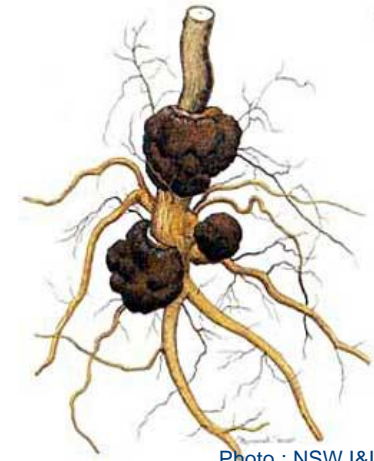
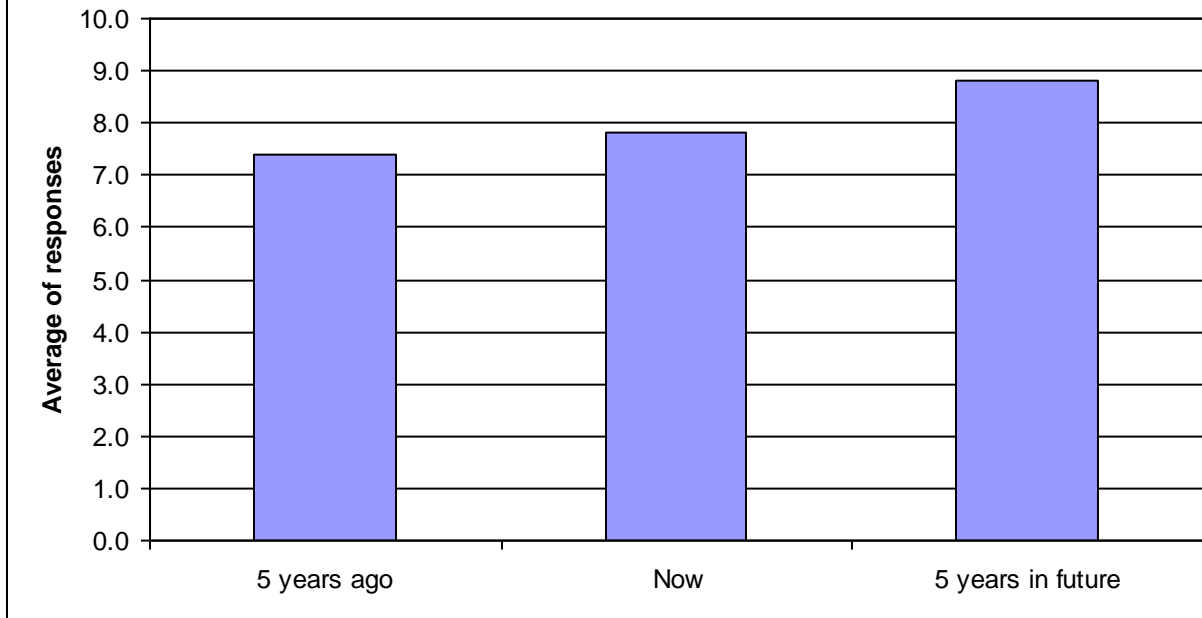
Photo : SARDI



Photo : Shayne Hackett

- Generally high level of awareness of TD's
- A majority of respondents had observed TD's and are adopting active cordon replacement programs with good success.
- Seemed to be a Low awareness of causal organisms.

How are weevils, crown gall, weeds and other farm hygiene issues managed?



- No Weevils or Crown Gall observed.
- Philosophies on weed management vary quite a lot and include spraying to maintain a weed free strip, tolerance of some weed growth under-vine and cultivation.
- Weed control more difficult with increased Summer rainfall.
- Some specific weeds mentioned were; Paspalum, Couch Grass, Mallow, Blackberry, Skeleton weed and Fleabane

How does the region deal with Queensland Fruit Fly and Phylloxera?

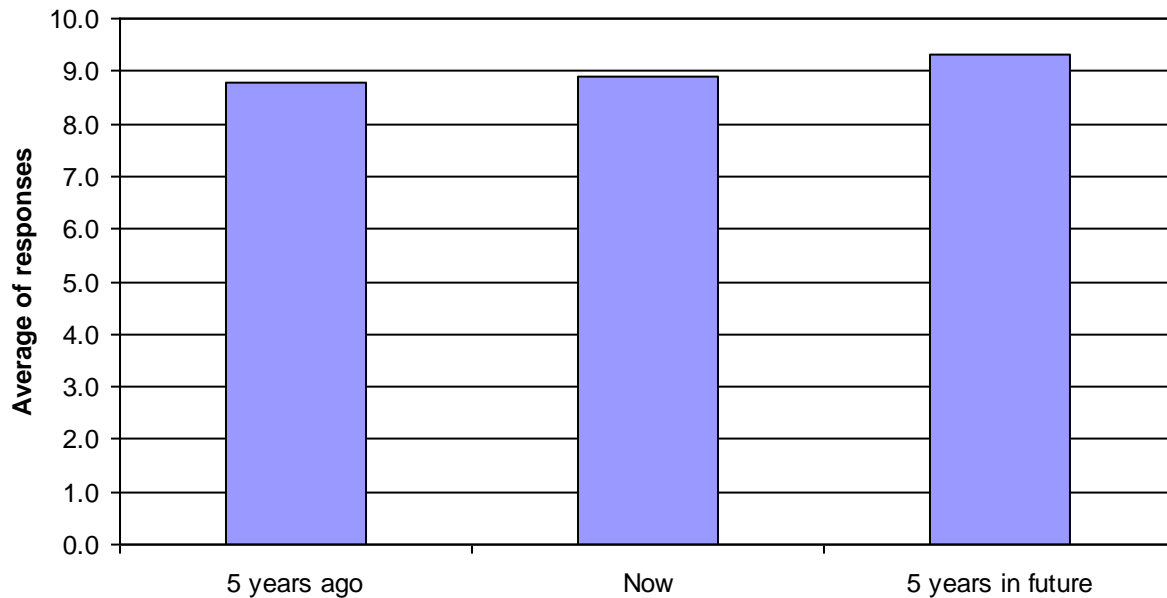


Photo : A. Loch



Photo : NSW I&I

- No QFF .
- High level of awareness of Tumba region PEZ status (5+ years).
- Quarantine measure widely applied (particularly for out of region visitors and equipment).
- Some concern about lack of highly visible signage for the PEZ.

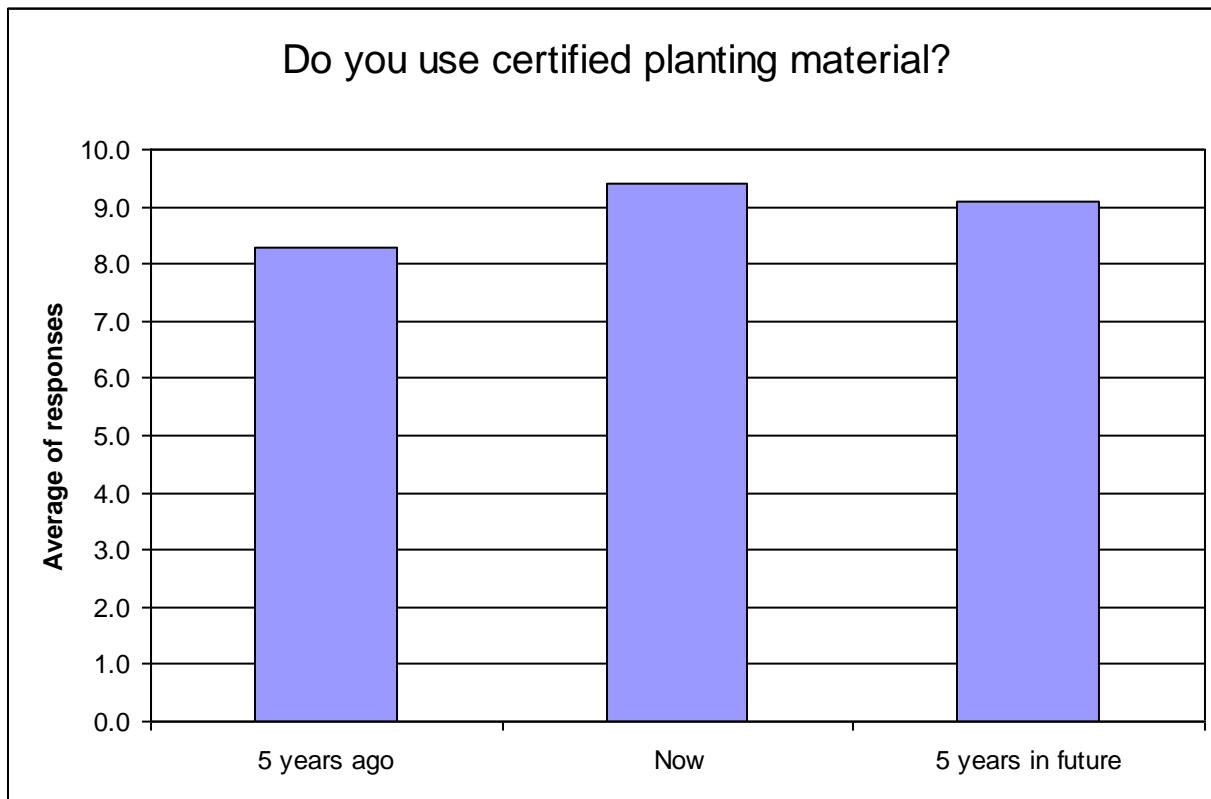
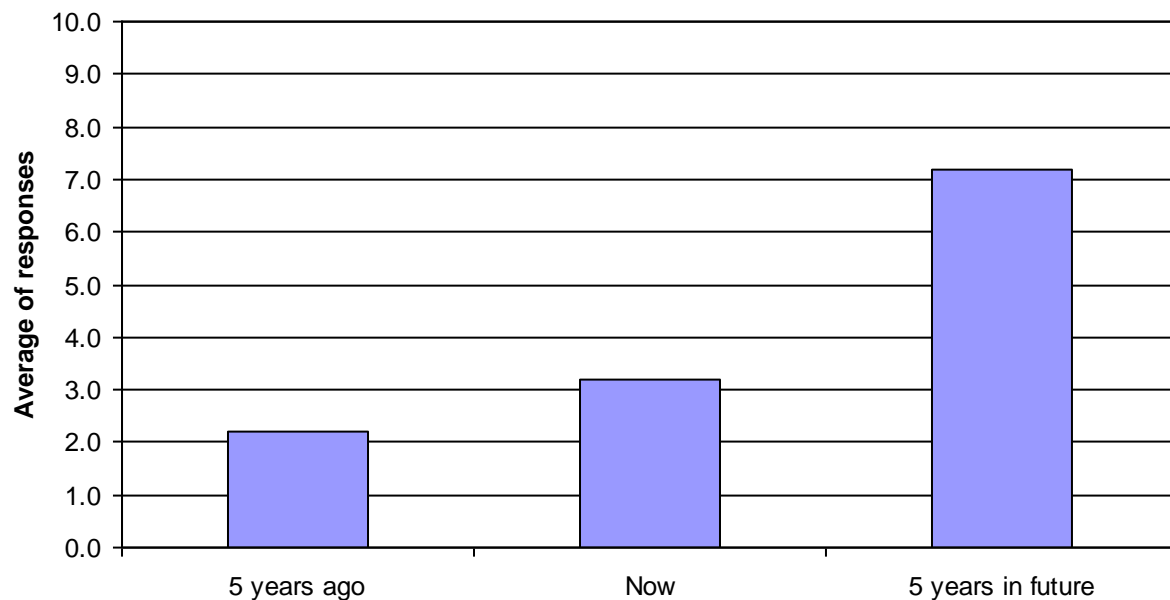


Photo : Mahonia Vineyards & Nursery

- Responses suggest a high commitment to use of certified material.
- Initial plantings either of Certified material or from cuttings of certified plantings.
- Subsequent expansion of plantings partly from cuttings of existing blocks within the region. Can these be considered certified ?????

Is the region adequately protected from exotic diseases and pests?

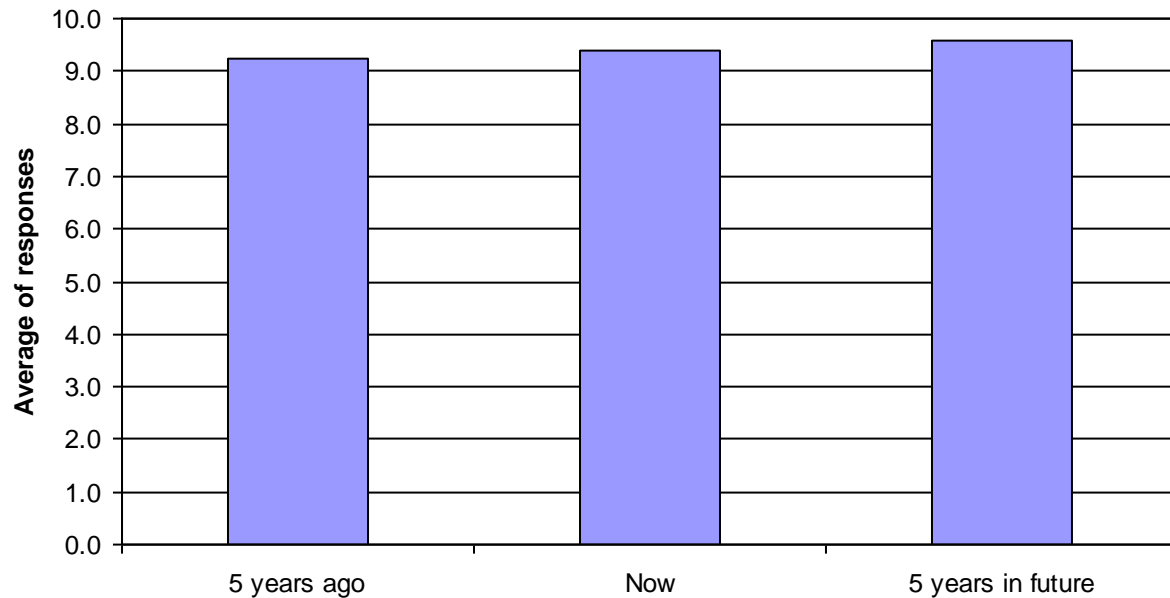


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- Generally low awareness of the potential threats.
- Most expect their awareness to increase over the next 5 years.
- Seen as the responsibility of Govt and Biosecurity bodies.
- Most respondents expressed interest to learn more on this.

Do problems with pest and disease impact on your relationship with the winery?



- Generally very high awareness on this subject (ie it's in the supply contracts !!)
- European Earwig....Friend or Foe ???
- A couple of respondents commented on Vine Moth caterpillars in bins.

Take home messages....

- Survey results reflect the proactive nature of this group, with fairly high levels of knowledge in most subject areas going back 5 years +.
- Demonstrates a general desire & expectation for continued learning.
- Survey identified knowledge strengths and weaknesses.
- Supplementary questions on Botrytis.
- Thank You !