

Being a Biosecurity Champion



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A Snapshot 2022



TOTAL
PRODUCING AREA
41,603ha

TOTAL PRODUCING
AREA BY VARIETY
RED 7,851ha
WHITE 33,752ha

PRODUCING AREA OF
SAUVIGNON BLANC
26,559ha

NUMBER OF VINEYARDS
2,101

AVERAGE AREA OF
VINEYARD
20ha

PERCENTAGE INCREASE
ON PRECEDING YEAR
▲ 2%

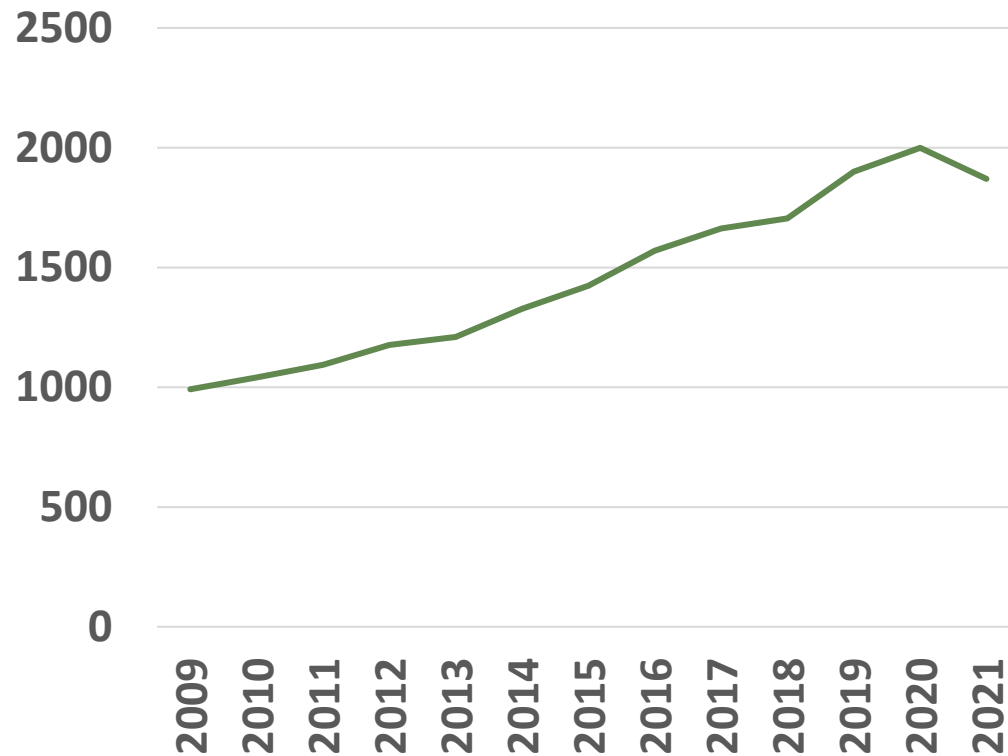
Vineyard Report 2022

New Zealand Winegrowers



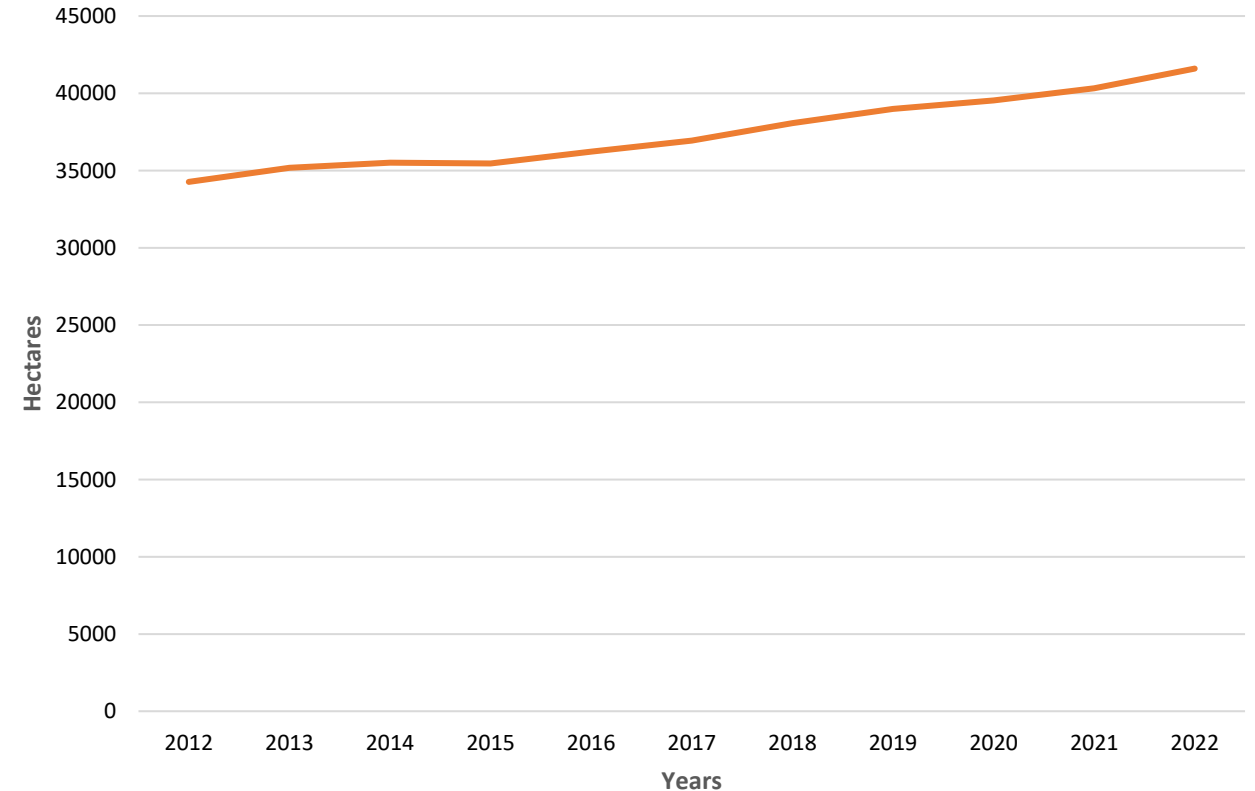
New Zealand's Wine Industry since the GFC

New Zealand wine industry export value over the last decade (\$NZ million FOB)



New Zealand Wine is now (almost) a \$2 billion export industry

New Zealand Vineyards: Hectares in Production 2012 to 2022



New Zealand Vineyards now cover over 40,000 hectares

Strategic Threats to Biosecurity

- Pre-COVID 19 New Zealand was becoming increasingly connected in a global world
- Tourism & returning travellers
- Increasing trade volumes
- Importation of goods
- Online shopping



Recent Biosecurity Incursions in NZ

- *Bonamia ostreae*
- *Mycoplasma bovis*
- Kiwifruit Psa
- Myrtle rust
- Kauri dieback
- Queensland fruit fly
- Pea weevil
- Potato moptop
- Velvetleaf
- Tomato pepino mosaic virus
- Blackgrass
- Fall armyworm.....the list goes on!





'Most Unwanted' Pests & Diseases



**Brown Marmorated
Stink Bug**

Image credit: PHEL



**Glassy Wing
Sharpshooter**

Image credit: Alamy



Flavescence Dorée

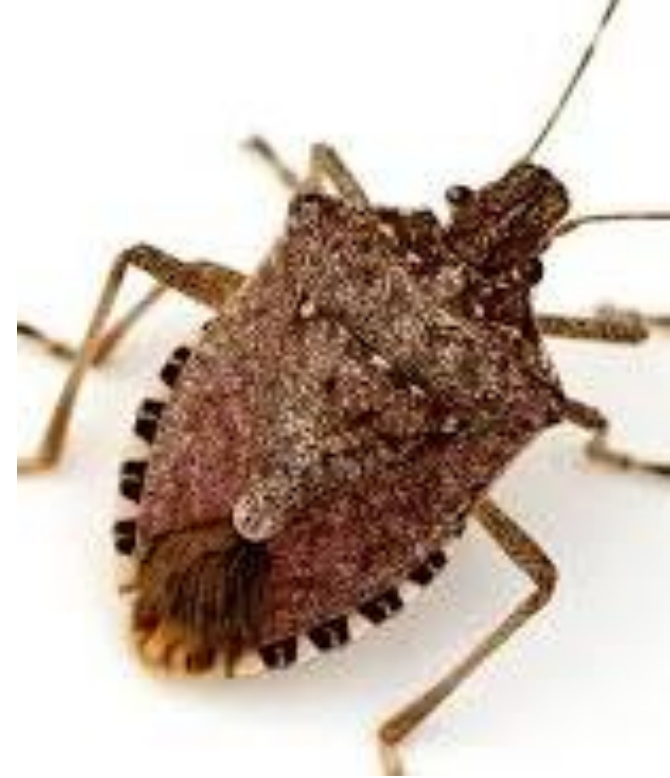
*Image credit: Wikimedia
Commons*

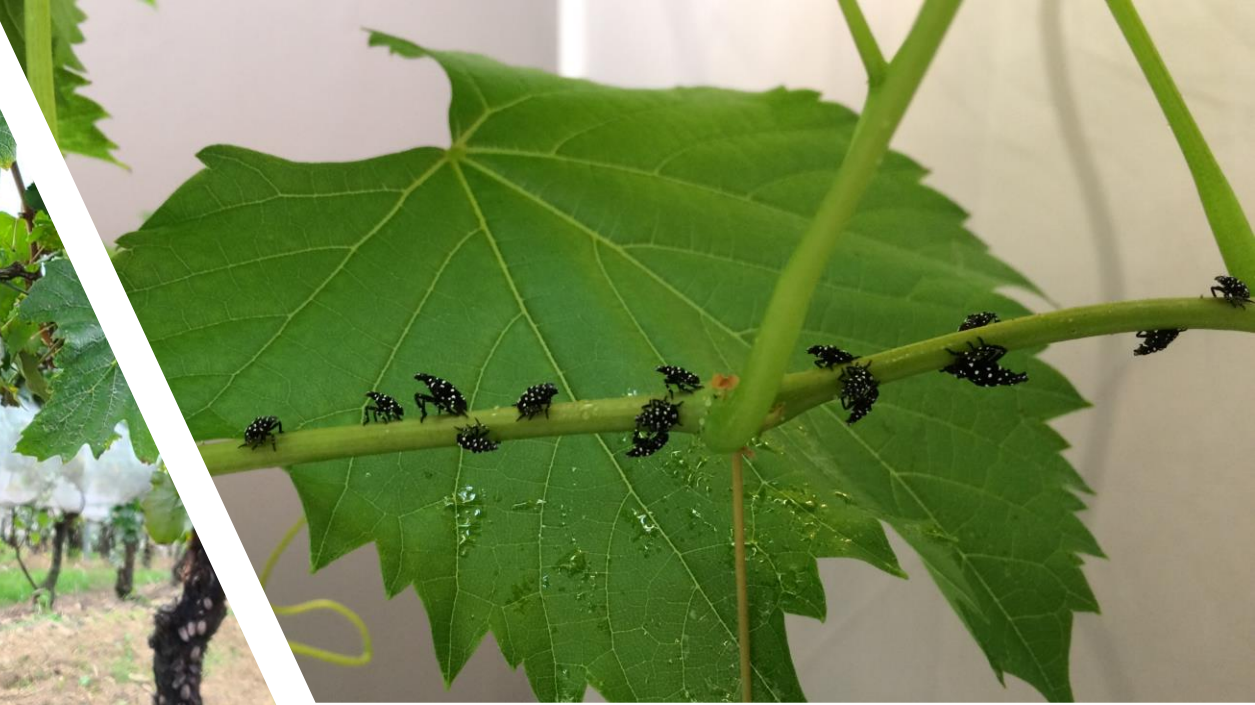


Spotted Lanternfly

Image credit: Alamy

Brown Marmorated Stink Bug (BMSB)



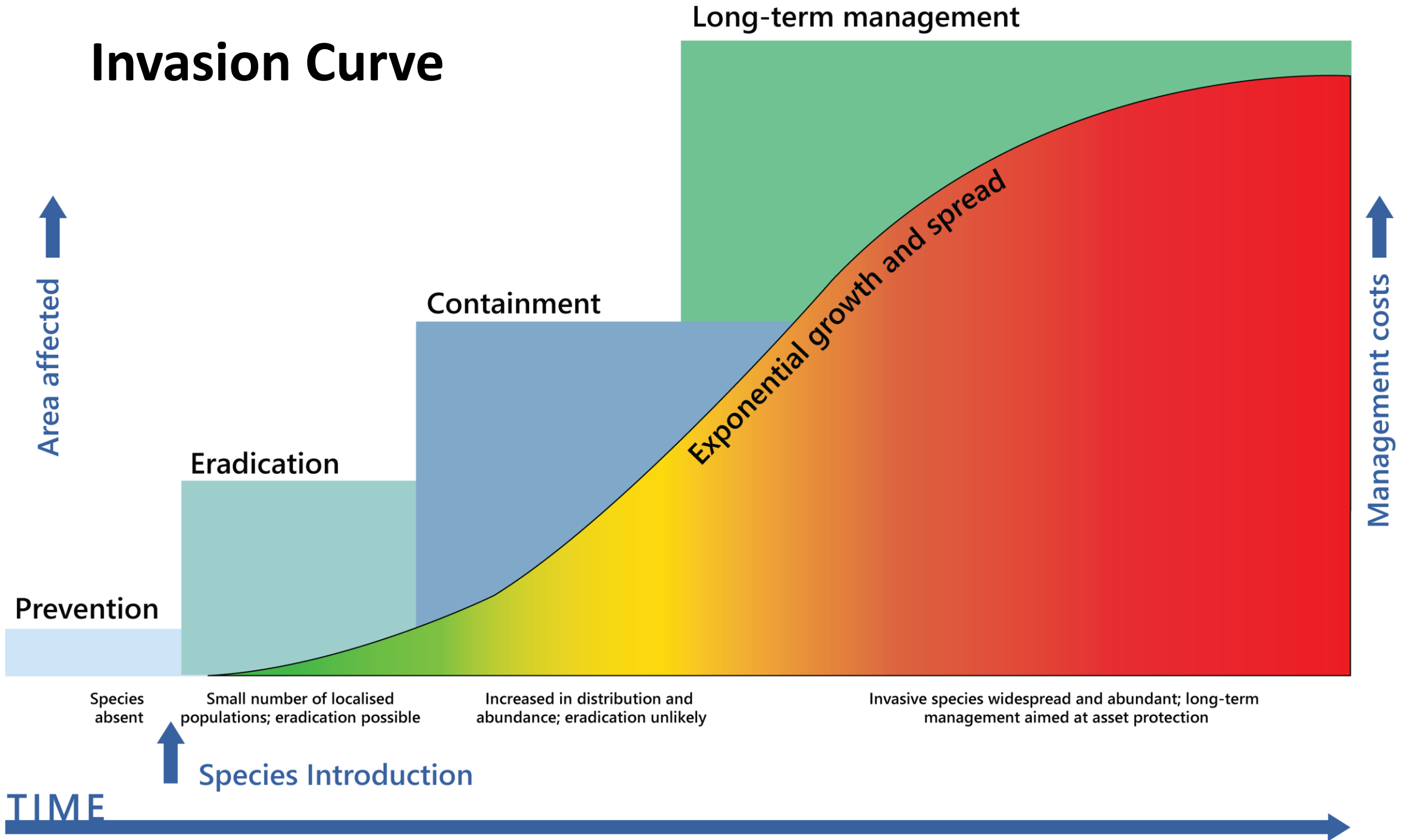




- Air freight pumps and pump parts imported from Italy, Nov 2019, destined for NZ vineyards
- 2 live male and 2 live female BMSB intercepted at transitional facility in Auckland
- Reported to the Biosecurity hotline – 0800 80 99 66
- All items associated with consignment tracked down and dismantled for inspection, remaining items shrink wrapped and fumigated
- Italian supplier's information passed onto relevant MPI team for follow-up



Invasion Curve



Vineyard Managers, Viticulturists and Staff

The Biosecurity Champions on the
ground – awareness is crucial!

Ongoing pest, disease and weed
control programmes

Onsite biosecurity hygiene measures

Surveillance for new unwanted pests,
diseases and weeds



Resources to help you become a Biosecurity Champion



Biosecurity

Pests and disease identification guide

Help us to protect the places that make our famous wine.



Vineyard Biosecurity Guidelines for Best Practice

- Biosecurity is **crucial** for the ongoing sustainability of our industry
- **Decisions you make** at the vineyard gate are crucial to protect your vineyard's biosecurity
- **Every person** who visits or works on the vineyard has a role in mitigating biosecurity risk
- **ITS YOUR ASSET - PROTECT IT!** Adopting these guidelines makes you a biosecurity champion!
- Adopting these guidelines on your site will help to mitigate the risk of a biosecurity incursion
- Please contact biosecurity@nzwine.com with any questions or requests for assistance with briefing staff and contractors



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The New Zealand wine industry is committed to protecting the unique places that make our exceptional wines and ensuring that our activities lead to continually improving economic, environmental and social outcomes. nzwine.com/sustainability

Electronic copies available on nzwine.com or email biosecurity@nzwine.com



Vineyard biosecurity plan

It's your asset - protect it!

CATCH IT. SNAP IT. REPORT IT.

Call the Biosecurity New Zealand pest and disease hotline 0800 80 99 66





Biosecurity Planning – Key Action Areas

Biosecurity awareness

Controlled access

Surveillance

Machinery and
equipment cleanliness

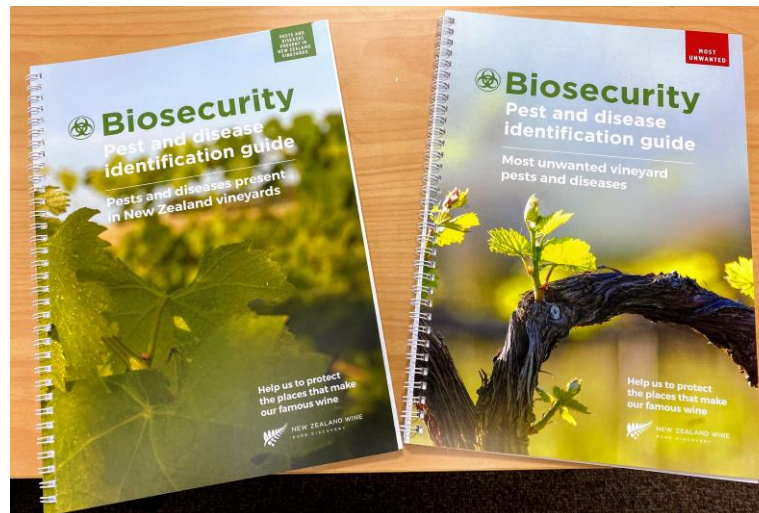
Tool hygiene

Biological materials

Management of grazing stock

Washdown facilities

Biosecurity at harvest





Broaden your Networks & Get Involved!



- Join the **NZW Biosecurity Network** for regular updates & opportunities to support the industry should a response occur
- Encourage your business to sign up to the **Biosecurity Business Pledge** - become part of a nationwide network of over 150 organisations (and growing) focused on improving their biosecurity practice collaboratively



Take home messages

- Pests and diseases can be devastating to primary industries – let's do what we can to prevent them establishing and spreading
- Prevention and eradication are most cost-effective measures, but require planning and early detection – good awareness of threats is crucial
- Biosecurity is everyone's responsibility, but you can step up and be a leader and example to others
- NZW has resources and support available to assist with biosecurity planning – get in touch! biosecurity@nzwine.com
- If you see anything suspicious in the vineyard or beyond – 'Catch It, Snap It and Report it' to the Biosecurity NZ hotline 0800 80 99 66

**Ensuring the health of
our vineyards through
proactive biosecurity.**

