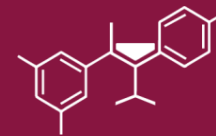
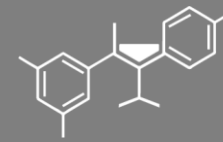


Leading outcomes for the New Zealand Wine industry through Research



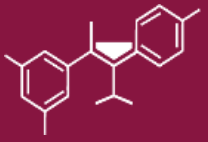
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**“As for the future, your task is not to foresee
it, but to **enable** it.”**

- Antoine de Saint Exupery



Our Role: Connecting Science and Wine industry



Viticulture trials



Fermentation ingredients such as yeasts, nutrients, enzymes etc



Winemaking practices



Winemaking technology

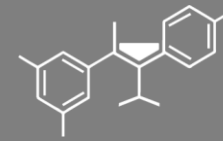


Wine/Viticulture Extension



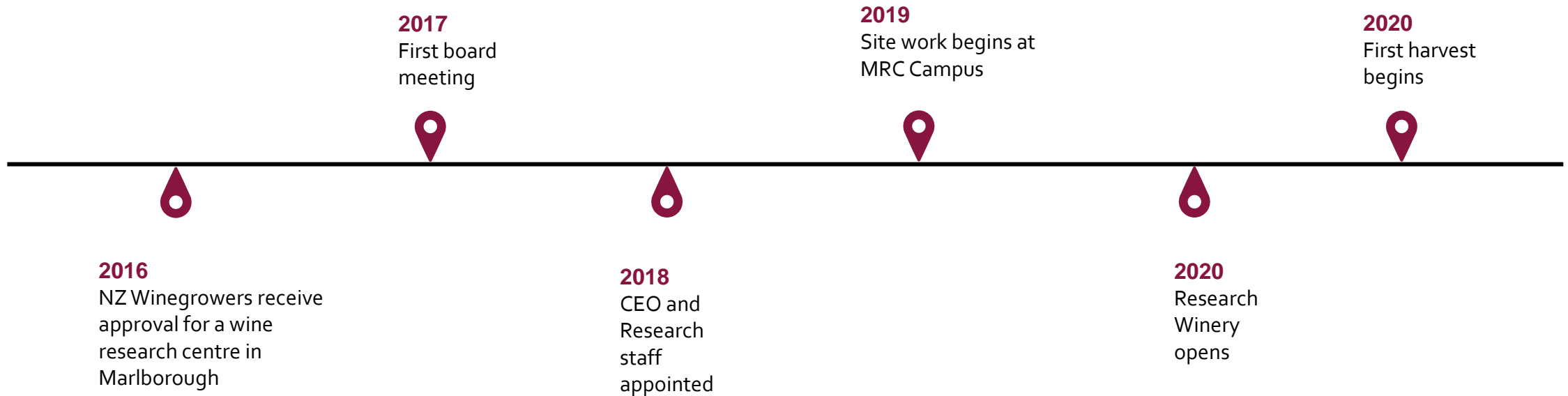
Vision

Drive NZ Grape & Wine research → better decisions



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BRI History

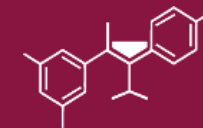




BRI Research Winery

- ← World leading design & build
- ← Experimental control
- ← Taking vineyard trials through to finished wines
- ← Winemaking trials, including winemaking technologies
- ← Industry R&D projects
- ← Commercial trials:
 - ← Winegrowing companies
 - ← Suppliers

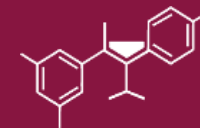
World-leading research from grape to glass



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Research at BRI







World-leading research from grape to glass

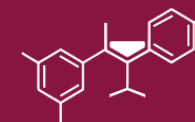


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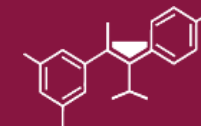
Grapevine improvement Programme



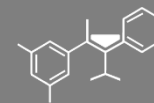
-  NZ lacks a grapevine improvement programme
-  12,000 variants of our premium Sauvignon Blanc
-  Pool of genetic diversity as insurance for the future
-  Resilience – climate, drought, disease, yield
-  Capability and tools transferrable to other varieties
-  **\$18m** MPI & NZW & Industry members over 7 years



- <https://www.youtube.com/watch?v=gQc8OmSqwAs>
- https://www.youtube.com/watch?v=TPJk71W0B_E
- <https://www.youtube.com/watch?v=T0W7Tq5DbEU>



Other major Programmes



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Vineyard Ecosystems (\$7 m)

Understand whole vineyard to make better vineyard management decisions



Pinot Noir (\$10 m)

Quality, productivity, diversification



Lighter Wines (\$17m)

Naturally, lighter wines

Other Programmes

In addition, around 30 other Research Projects are currently underway

Government partners

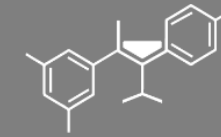


**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HIKINA WHAKATUTUKI

Ministry for Primary Industries
Manatū Ahu Matua



Impacts BRI is delivering from research in 2023



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New knowledge delivered from completed programmes

- Beyond Vineyard Ecosystems – the future of managing virus and trunk disease; learning from your soil
- What drives Pinot Noir productivity in the vineyard?



Industry questions answered

- Pruning economics, pest prevalence, rootstocks
- Calcium precipitates, reductive aromas, colour enhancement



De-risking new viticultural and winemaking approaches

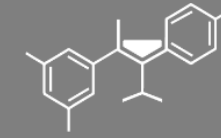
- Affordable, rigorous answers from the lab and in the glass before scaling up production
- Supporting any member to innovate



More sustainable, resilient SB vines for the replanting wave

- First 6,000 new SB variants
- New understanding of what makes our SB unique

How can you contribute to our research ecosystem?



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Winemaking Research Survey



Harvest decisions /
Receival of fruit
in the winery



Wine making



Bottling /
tankering / post-
bottling



Wine styles



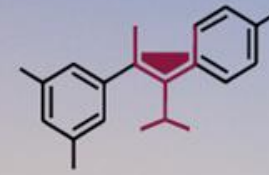
Climate change



National Survey for Winemakers



<https://www.surveymonkey.com/r/bri-winemakers>



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Thanks for joining us today!

sachi.rana@bri.co.nz