

MGRWA: Encouraging Adoption Strategies – from theory to trial to practice

- **Concept for activity**

Growers in the GI meet 3 times a year to discuss specific growing practices and share experiences with a focus on topics such as pruning, organics, pest/disease management, canopy management, irrigation, nutrition/soils

- **What practice change are you trying to encourage?**

Maximise quality and yield of grapes through collaboration with growers, discuss benchmarking of practice

- **What research findings are you going to use?**

Source experts/researchers in key topics to lead and inform discussions

- **Estimated cost**

\$3,000 per meeting (expert fee, catering, travel costs, materials as needed)

Mount Benson: Making wines for the future: Research/develop mid-alcohol wine.

- **Concept for activity**

Winemakers and other interested parties in the GI meet 3 times a year to discuss current practices for producing lower alcohol wines and share experiences with a focus on trials, technology, what worked what did not.

- **What are we trying to achieve?**

Grow fruit and make wine that has an alcohol of between 7-10 percent while still trying to hold on to the characteristics of a higher percentage option. Premium low alcohol wine that will appeal to an ever-increasing number of consumers.

- **What research findings are you going to use?**

Source experts/researchers in key topics to lead and inform discussions.

Estimated cost.

\$3,000 per meeting (expert fee, catering, travel costs, materials as needed)

Mount Benson: Sustainable certification in Vineyard and Winery.

- **Concept for activity**

Have certified sustainable producers (large and small) from the GI discuss how they went about achieving sustainable accreditation. Provide real life example of their workbook. What is the focus, what do they wish they had known before and while filling out the workbook. All learning that they can share.

- **What are we trying to achieve?**

To get as many Businesses/Vineyards in the Limestone Coast to be Sustainably certified as possible to increase our brand, domestically and overseas.

- **What research findings are you going to use?**

Source experts/researchers in key topics to lead and inform discussions.

- **Estimated cost.**

\$1,000 per meeting (catering, travel costs, materials as needed)

Padthaway: Managing People

- **Concept for Activity**
Promote the local LSC wine industry as a preferred place to work. Formalised program to training people (GTE Mount Gambier as a possible resource) Target unis and schools, look into assisting other genders, cultures, ages. Untapped skills base – how to encourage them back into the industry
 - **What practice change are you trying to encourage?**
Encourage people into wine production at different levels: operators, researchers, managers
 - **What research findings will you use?**
Promotional material out to schools and unis. Fact sheet on what the work looks like.
 - **Estimated cost**
Contract to create framework
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Padthaway: Understanding Soil Health & Vineyard Biodiversity

- **Concept for activity**
Soil health – what's happening in the regions (soil, under vine practices) Site visits
 - **What practice change are you trying to encourage?**
Review and benchmark current practices. Best practice soil examples.
Positive results of soil health improvements to enable growers to make their own changes
 - **What research findings are you going to use?**
Facilitator to gather findings and lead discussions
 - **Estimated cost**
Facilitator/bench marker across programme, site visits, catering, Northern Rivers Soil Health Card across sites
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Padthaway: Implementing sustainable practice

- **Concept for activity**
Vine surveys, vector surveys, nursery collaboration (nursery tour) regional plan outcome
 - **What practice change are you trying to encourage?**
Sustainable business, positive vineyard redevelopments, better control of viruses
 - **What research findings are you going to use?**
Better vector control, Fact sheet for growers (localised). Better promotion of those materials that already exist
 - **Estimated cost**
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Coonawarra Hall: Putting ESG into practice

- **Concept for activity**
Waste management to include Biochar mobile plant for vine material, investigate posts material as well. Treated post management ,collaborate with Roundwood Solutions. Biochar staves/barrels. Wine packaging (excl bottles). Dripline recycling and reuse. Circular economy.

Carbon credits? Soil amelioration. Scope emissions? Associated data for auditing. Plastic – partner with Hamilton Sustainable Plastics Solutions

- **What practice change are you trying to encourage?**
Reduce waste across multiple areas
 - **What research findings are you going to use?**
 - **Estimated cost**
\$50,000
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Coonawarra Hall: Using Digital Transformation and AI

- **Concept for activity**
Using ChatGPT to sell wine/ influence/ target sales to previous wine purchasers
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Using Digital Transformation and AI

- **Concept for activity**
Regional data sets aggregating and sharing collected information. Is there community data in silos that the region wants to share collectively? For example, weather stations, mapping project, universal spray diary
 - **What practice change are you trying to encourage?**
To facilitate adoption, of benefit to growers. Bringing small to medium businesses along on the digital transformation of businesses
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Using industrial Automation and remote Operation

- **Concept for activity**
Co-investment for new technology to offset high development costs
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Understanding Soil Health and Vineyard Biodiversity

- **Concept for activity**
Eco-Vineyards project, biodiversity, running in the LC.
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Understanding Soil Health and Vineyard Biodiversity

- **Concept for activity**
Linking up with Landscape Board (co-partnership) for Viti seminar
- **What practice change are you trying to encourage?**
- **What research findings are you going to use?**
- **Estimated cost**

Coonawarra Hall: Understanding Soil Health and Vineyard Biodiversity

- **Concept for activity**
Use of IOT devices
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Understanding Soil Health and Vineyard Biodiversity

- **Concept for activity**
Vineyard floor management.
*To look at the under vine/vineyard floor management (Thomas Lines study), look at demonstration days, putting machines up against each other
*Desktop of all the equipment available
 - **What practice change are you trying to encourage?**
Looking into more environmentally friendly activities, for both soil health and increasing biodiversity of both plants and insects. Encourage adoption of different under vine weed management to stop wide use of herbicides and increase sustainability/diversity
 - **What research findings are you going to use?**
Look at information that comes out of the desktop study of what is out there
 - **Estimated cost**
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Coonawarra Hall: Adapting to Climate Change and the emissions roadmap in a local context

- **Concept for activity**
Berry shrivel.
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Making wines for the future

- **Concept for activity**
Alcohol reduction. H₂O, R.O, Ferment approaches, lactic acid bacteria
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Adapting to Climate Change and the emissions roadmap in a local context

- **Concept for activity**
Plant selection and rootstock breeding programs for a drier and hotter climate. Assess other varieties that might suit potential lower water usage and drier conditions context .
Look at previous work that has been done in this space and set benchmark to start new work going forward and build new Climate Atlas data going forward
- **What practice change are you trying to encourage?**
Feeds into increasing biodiversity, potential for grape to wine project, look at how they grow but also follow project through to wine practices

- **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Managing People

- **Concept for activity**
CSIRO STEM in schools, PIRSA link, Citizen Science. Extension days, Field days, Symposium
Refresh old information occasionally, not everyone is at the same level of knowledge so some refreshing of basic information should be considered
 - **What practice change are you trying to encourage?**
Entice new generations into viticulture and seeing agriculture/viticulture as an enticing career
 - **What research findings are you going to use?**
 - **Estimated cost**
\$15,000
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Coonawarra Hall: Biosecurity measures

- **Concept for activity**
Awareness raising, best practice, tracking movements of harvesters, bins, people
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Respecting and understanding terroir

- **Concept for activity**
Taking the technical soil and regional data and putting it into a marketable format (Reference: MV Soil Maps Geology) What goes on below the surface? Link to viticultural mapping project concept. Soil carbon testing protocols. IOT devices, baseline audits - who and how? Carbon and soil biology. Disseminate the carbon roadmap – what does it mean for LSC – help and how, when? Relate to the waste management project
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Making Wines for the Future

- **Concept for activity**
Investigate removal of 1,8-Cineole from wines by Reverse Osmosis. Look at various exchange to see if this can be done. T
- **What practice change are you trying to encourage?**
- **What research findings are you going to use?**
Trail work has been done by Memstar
- **Estimated cost**

Coonawarra Hall: Making Wines for the Future

- **Concept for activity**

Regional NoLo group, facilitate trialling NoLo products. For example, piquette production group or mid strength cabernet. Regional workshop on creating 'lighter' style wines via multiple methods.

- **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
Get expert in region to help adoption, use of pilot spinning cone at Adelaide Uni
 - **Estimated cost**
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Coonawarra Hall: Making Wines for the Future

- **Concept for activity**
Packaging innovations and implementation
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Making Wines for the Future

- **Concept for activity**
Extension event discussing the impact of season trends on fruit composition
 - **What practice change are you trying to encourage?**
 - **What research findings are you going to use?**
 - **Estimated cost**
\$5,000
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Coonawarra Hall: Understanding Terroir

- **Concept for activity**
Unearthing viticulture updates. Present and market at Cabernet Symposium. Create sub regions within regions based on terroir. Premiumisation via small batch wines, small producers
 - **What practice change are you trying to encourage?**
Market the diversity of the Limestone Coast
 - **What research findings are you going to use?**
 - **Estimated cost**
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Coonawarra Hall: Maintaining technical excellence in a time of scale production, reduced budgets, and increased costs

- **Concept for activity**
Cabernet Symposium in 2024 and 2027. Premier technical extension event
 - **What practice change are you trying to encourage?**
Attracting international speakers/insight into the region. Raise awareness of technical, best practice viticulture. Skills to project manage the event
 - **What research findings are you going to use?**
 - **Estimated cost**
2024 \$30,000
2027 \$30,000
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