

VINØ – TASMANIAN ANNUAL REPORT 2018-19

The Tasmanian VinØ (pronounced Vin-zero) program is a tailored, environmental Best Management Practice framework, to assist producers to monitor, report and improve their practices.

It is a significant and important initiative, providing a user-friendly management and reporting tool. Program members receive a detailed annual benchmarking report, which identifies areas of their business where they are performing to standard and areas requiring improvement. It also allows them to assess their performance alongside other program members. The 2018-19 season included a new Resources module which introduced benchmarking metrics such as fuel use, renewable resources use, water use and spray information. This will help business identify areas to minimise inputs.

The VinØ workbook provides a practical, step-by-step guide to achieving Best Management Practices. It was initiated to accomplish two objectives:

- To provide a framework for all Tasmanian winegrowers to assess and improve their own sustainability against a set of Best Management Practice parameters and recognised metrics; and
- To provide the evidence to the greater community that Tasmanian winegrowers take their stewardship of the landscape seriously.

“Sustainable production is an economically viable system in which production occurs without degrading or damaging the natural resources that support production, benefiting the property, the community, the broader environment and future generations.”

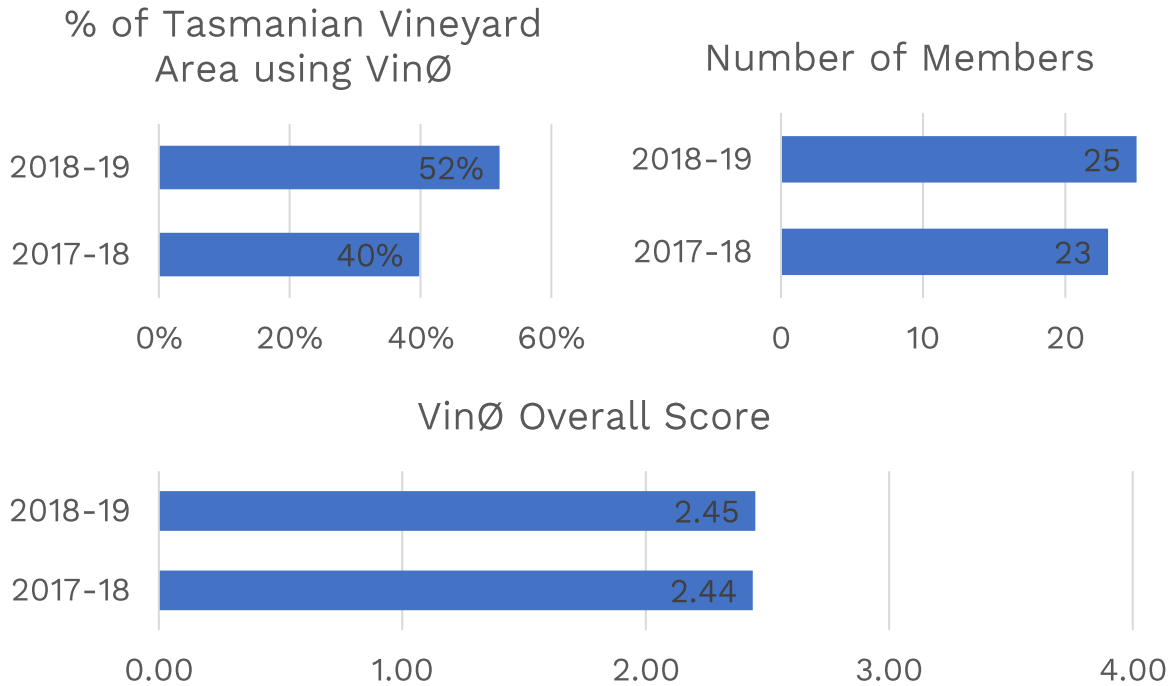
VinØ was based on the work of the McLaren Vale Grape Wine and Tourism Association, as well as the dedicated efforts of the Wine Tasmania Technical Committee to review and tailor this for Tasmania.

Paul Smart
Technical and Extension Officer
Wine Tasmania



2018-19 Summary

25 vineyards participated over the season, an increase of 2 members on last season. This now represents over half of the vineyard area in Tasmania. 72% of members completed their workbook and received insights into their business. This season, the average of every member resulted in an overall score of 2.45 out of 4.

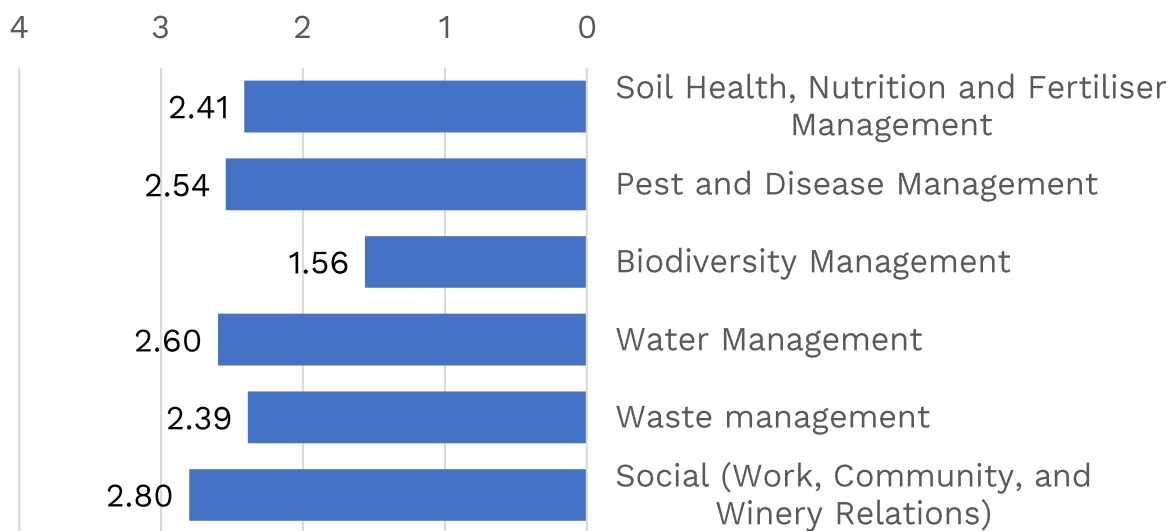


Module Results

The program is divided into seven modules:

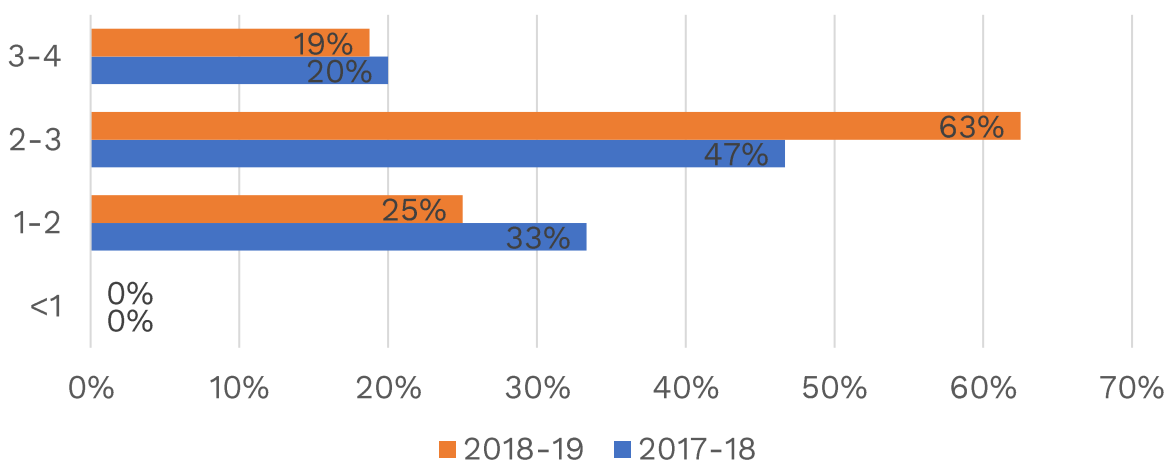
1. Soil Health, Nutrition and Fertiliser Management
2. Pest and Disease Management
3. Biodiversity Management
4. Water Management
5. Waste management
6. Social (Work, Community, and Winery Relations)
7. Resources

Most of the modules are performing well, with Biodiversity Management needing work. This will be a focus for extension and education.



Member Results

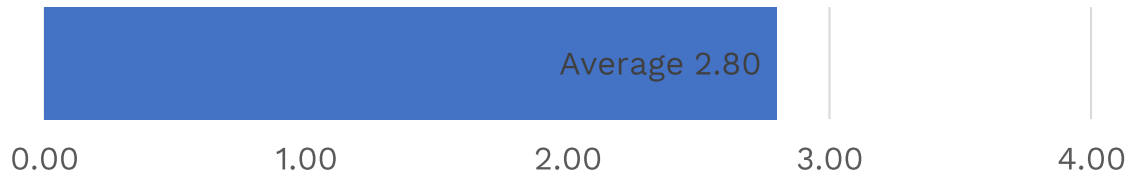
19% of the participants scored in the highest category, which is similar to the previous season. There are fewer members receiving a low score between 1-2, showing a general improvement in member practices.



Individual Module Analysis

Below is the breakdown of each of the separate modules, the average overall score submitted by members for each module, a list of the criteria where members are performing well and areas that need improvement.

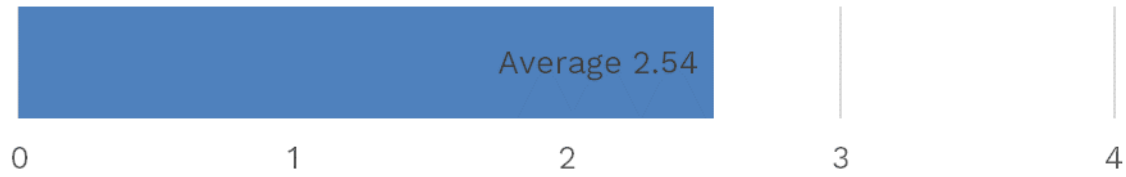
Soil Health, Nutrition and Fertiliser Management



Performing Well	Needs Improvement
Soil Nutrient Analysis	Organic Matter
Plant Tissue Analysis	
Fertiliser and Soil Additive Application Records	
Weed Control Strategy	



Pest and Disease Management



Performing Well	Needs Improvement
Pest and Disease Management Plan	Vineyard Monitoring
Integrated Pest Management (IPM)	Restricting Vineyard Access (Sign-in Procedure)
Resistance Management	Restricting Vineyard Access (Entrance Signs and Barriers)
Grapevine Agrochemical Application Records	Vineyard Hygiene
Vineyard Agrochemical Spray Application (Self-Managed)	
Vineyard Agrochemical Spray Application (Contractor Spraying)	
Agrochemical Safety, Emergency and Spill Response	
Agrochemical Training	
Agrochemical Transport	
Planting Material	
Biosecurity Knowledge	
Grapevine Trunk Disease Management	

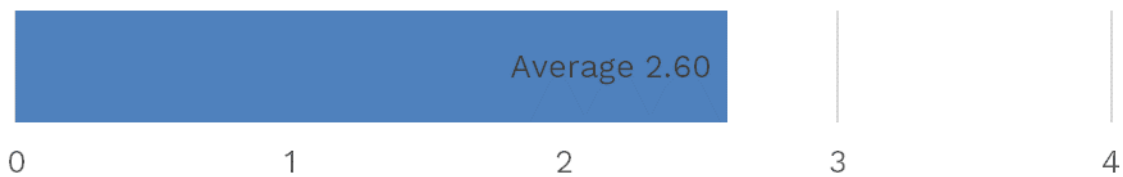


Biodiversity Management



Performing Well	Needs Improvement
	Site Audit
	Biodiversity Action Plan
	Conservation and Enhancement of Biodiversity in Producing Areas
	Enhancement of Biodiversity in our Region
	Biodiversity Monitoring

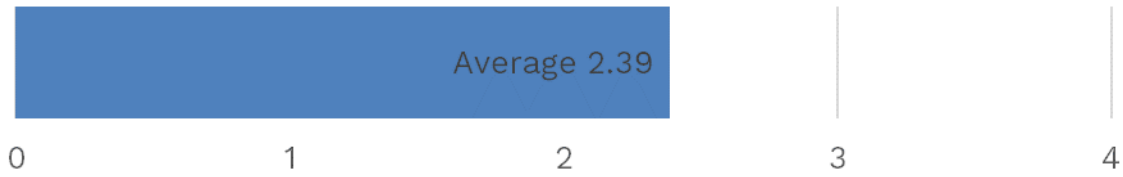
Water Management



Performing Well	Needs Improvement
Water Source	Water Quality
Water Security	Water Management Strategy
Irrigation Scheduling	
Managing Heatwaves	
Irrigation System	
Irrigation System Maintenance	
Irrigation Checks	



Waste management



Performing Well	Needs Improvement
Oils	Waste Management Planning, Monitoring and Recording
Polyethylene and Polypropylene Plastics	Waste Management Training
Empty Chemical Containers	
Waste Agrochemical Solutions	

Social (Work, Community, and Winery Relations)



Performing Well	Needs Improvement
Contractor Selection	
Contractor Hiring	
Remuneration	
Performance Management	
Supply Chain, Environmental and Community Implications	
Contracts	
Grape Grading	
Grape Composition Testing	
Record Keeping for the Winery	

