



Industry Update: What's in the pipeline?

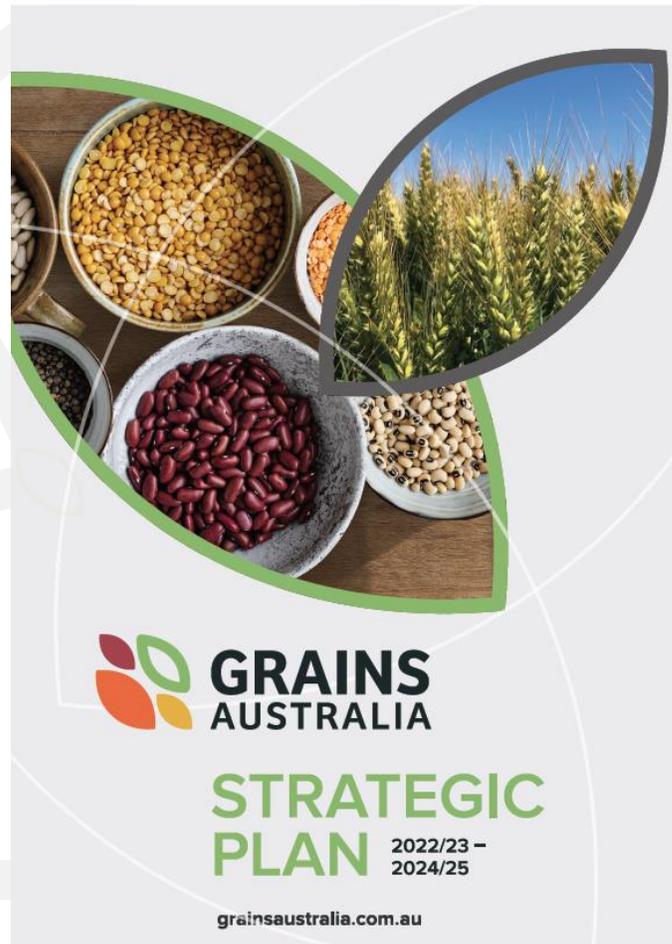
Dr Megan Sheehy, 25th July 2022



Introduction

- Grains Australia Strategic Plan introduction
- Classification activities update
- Barley Classification 2022
- Barley Industry Strategic Plan
- Industry Events

Introducing the Grains Australia Strategic Plan



**Grains Australia Chairman –
Terry Enright**

<https://grainsaustralia.com.au/about-us/>



Grains Classification

Dr Megan Sheehy



Tanya Plain



Elysia Vassos



Meet the Team



Current Classification Functions

Barley

- Barley Australia now merged into Grains Australia
- All malting barley accreditation functions continuing business as usual
- 2022 Malting Barley Accreditation program well progressed
- MBIBTC meetings have been running to schedule – next meeting 8th November

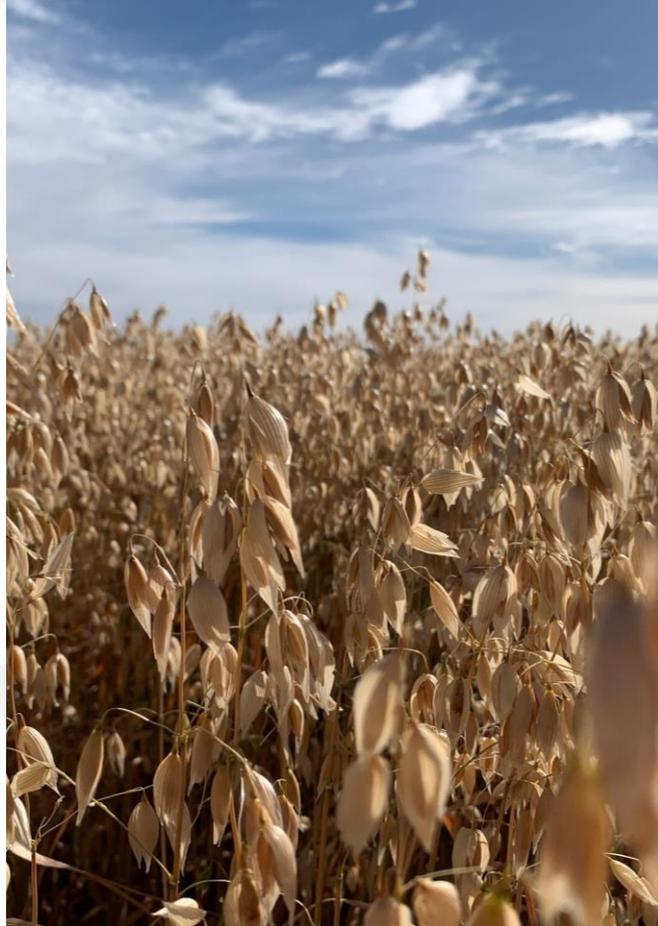




Current Classification Functions

Wheat

- **WQA now fully integrated into Grains Australia**
- **All functions continuing business as usual**
- **Master List for 2022 will be published on 1st August**
- **Wheat Variety Classification Panel meetings have been running to schedule – next meeting 31st August**



Future Classification Functions

Oats

- Planning discussions have commenced with GIWA Oats Council, AEGIC & InterGrain
- Preliminary planning for basis of classification system underway



Future Classification Functions

Pulses

- Discussions have commenced with Pulse Australia
- Pulse Australia have compiled a classification discussion paper & currently leading industry consultation
- Pulse Australia will lead development of an agreed Pulse Classification Framework
- Implementation & ongoing maintenance will become remit of Grains Australia



Malt Barley Classification 2022

Malt Barley Accreditation – Key Points



Pilot Malting (PMA) is a critical component of the program design.



Commercial malting support is invaluable & also critical to the design.



Our program:

- Is flexible & transparent
- Provides MBIBTC with essential data to assist accreditation decisions
- Provides Industry with information to help with variety adoption
- Supports long term profitability for growers & wider barley industry



Malting barley accreditation is important and widely sought-after.



Varieties Under Evaluation Update

Malting Accredited Varieties 2022



Variety	Promoter	Attributes
Kiwi	Malteurop Australia	High rainfall High-medium high fermentability Intended to grow in same environments as Westminster and Fairview
Bottler	GrainSearch	Medium rainfall High fermentability Intended to grow in same environments as RGT Planet and Westminster

Please view link below to find out more about **Bottler**:
<https://www.grainsearch.net.au/varieties/barley/bottler/>

For further information on **Kiwi** please contact Charlie Hill, Malteurop, Geelong at:
charlie.hill@malteurop.com



Varieties Under Evaluation Update

Stage 1 - 2022

Variety	Promoter	Attributes
Yeti (AGTB0043)	Australian Grain Technologies (AGT)	Low-moderate rainfall Medium fermentability
Minotaur (AGTB0213)	AGT	Medium-high rainfall High Fermentability
IGB20125T*	InterGrain	IMI tolerant, medium-high rainfall High DP and fermentability
AGTB0244*	AGT	Medium-high rainfall High fermentability and DP Non-glycosidic nitrile (GN) trait
AGTB0318*	AGT	Medium-high rainfall High fermentability and DP Non-glycosidic nitrile (GN) trait

**New entries for 2022*

Varieties Under Evaluation Update

Stage 2 - 2022

Variety	Promoter	Attributes
Laperouse (WI4952)	SECOBRA Recherches	Medium rainfall Medium-high fermentability
Buff (IGB1506)	InterGrain	Acid soil tolerant High fermentability
Commodus CL (IGB1908T)	InterGrain	IMI tolerant Medium fermentability Potential Spartacus CL, Scope CL, Maximus CL alternative

Varieties Under Evaluation Update

Stage 2 – 2023/4

Variety	Promoter	Attributes
Beast (AGTB0113)	Australian Grain Technologies (AGT)	Low-moderate rainfall Medium fermentability
Cyclops (AGTB0200)	Australian Grain Technologies (AGT)	Low-moderate rainfall Broad adaptation Moderately high fermentability
IGB1825	InterGrain	Acid soil tolerant Medium fermentability Low DP

Post Accreditation Marketing Support



- For newly accredited varieties not yet established in the market
- Grain samples submitted to PMA for evaluation
- Commercial data may be shared in confidence that can be used in dataset at discretion of maltster
- Information made available to the industry & customers in the form of a Malt Performance Summary

Post Accreditation Marketing Support



Update on progress.....

Tier 1 Malt Performance Summary

- Format suitable to present information from limited data sets
- 1st release available for Maximus CL on BA website

<https://www.barleyaustralia.com.au/wp/wp-content/uploads/Tier-1-Malt-Performance-Summary-Maximus.pdf>

Tier 2 Malt Performance Summary

- Format suitable to present information from more extensive data sets
- Under development

Barley Australia Accredited Variety Malt Performance Summary



	Variety name	Maximus CL
	Variety pedigree	Scope/Fathom//La Trobe
	Breeder / Promoter	InterGrain
	Malt Accreditation Date	Feb 2021
	Brewing Style	High fermentability
	Target Market	Export
Information regarding varietal description and agronomic performance can be found via the following link: http://www.intergrain.com/variety/maximuscl/		

Malt Quality Comparison

	New Variety	Current Benchmark
	N=12	N=147
	Maximus CL 3yr Average (2019-2021)	Spartacus CL 2yr Average (2018-2019)
Fine Extract, % (db)	81.7	80.8
Diastatic Power °WK	427	333
FAN, mg/L	164	189
Wort β-Glucan, mg/L	90	91
AAL %	83.1	83.4
Viscosity cP	1.50	1.54
Protein % db	10.4	10.9
KI	40.3	42.7
Note the data used in this table had a grain protein value between 9.0-12.0 % and a Kolbach Index value between 37-47 %. The Maximus CL data was sourced from a combination of pilot malting batches and commercial malting batches and the Spartacus CL malt quality data was sourced from 3 commercial malthouses.		

Overall Comments

Maximus CL was accredited February 2021. During its two-year pathway through accreditation, it was evaluated at four different commercial plants by three Australian malting companies. This data set encompasses data generated during accreditation and post accreditation. Maximus CL demonstrated strong performance in malt extract and diastatic power which is well suited to high fermentability style brewing.

This Accredited Variety Malt Performance summary, produced by Barley Australia, does not mean endorsement of, or imply any guarantee that this new variety will be commercially accepted or adopted. The information presented is based on a limited data set, and the intention is for this information to be used as a 'guide' only until a more substantial body of data can be collated and utilised to provide a second-tier quality summary. Changes in circumstances after publication may affect the completeness or accuracy of the information. To the maximum extent permitted by law, Barley Australia disclaims all liability for any errors or omissions contained in this Information or any failure to update or correct this information. It is your responsibility to assess and verify the accuracy, completeness, and reliability of any information, and to seek professional advice where necessary.

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www.barleyaustralia.com.au





Barley Industry Strategic Plan



Update on Progress....

- A series of Industry Focus Groups were held late 2021 across the following groups:
 - Grower Productivity; Breeder and Researcher; Maltster and Brewer; Trade, Marketing & Market Access; Feed Industry
- SWOT session was successfully carried out May 2022
 - Cross industry representation
 - Barley council participation
 - Ranking exercise now complete for all priorities identified
- We thank industry for excellent support and engagement with this exercise.
- BA continues to work on this concept, with consultant Dr Steve Jefferies.
- Presentation planned for Australian Barley Technical Symposium (ABTS) August 2022.



Industry Events

Industry Events



20th AUSTRALIAN BARLEY TECHNICAL SYMPOSIUM

Quality Australian Barley: Driving Opportunities and Value

Visit Website



22nd - 25th August 2022
Gold Coast - Queensland
QT Gold Coast

STILL TIME TO REGISTER
VISIT WEBSITE FOR MORE DETAILS

[HTTP://ABTS.W.KAMEVENTS.CURRINDA.COM/](http://abts.w.kamevents.currinda.com/)



Industry Events

CELEBRATING 70 YEARS

ASIA PACIFIC SECTION

37TH CONVENTION

ADELAIDE 2023

IBD
INSTITUTE OF BREWING & DISTILLING

Adelaide Convention Bureau | ADELAIDE SOUTH AUSTRALIA | Government of South Australia

Celebrating 70 Years, Embracing our History and Innovating for a Sustainable Future

37th Asia Pacific IBD Convention: Adelaide, March 20 – 23 2023





Thank You

