

May 2023

Laperouse[Ⓛ] Barley

Western Australia Version

The information in this document is current as at May 2023. For updated information after this date please refer to NVT results.

KEY FEATURES

- Competitive growth habit with medium plant height
- Medium spring maturity with potential for early sowing
- Improvement in resistance to net blotches
- Very good standability with low incidence of lodging and head-loss
- Good physical grain quality
- Released as a 'feed' type but currently undergoing Stage 2 malting and brewing accreditation

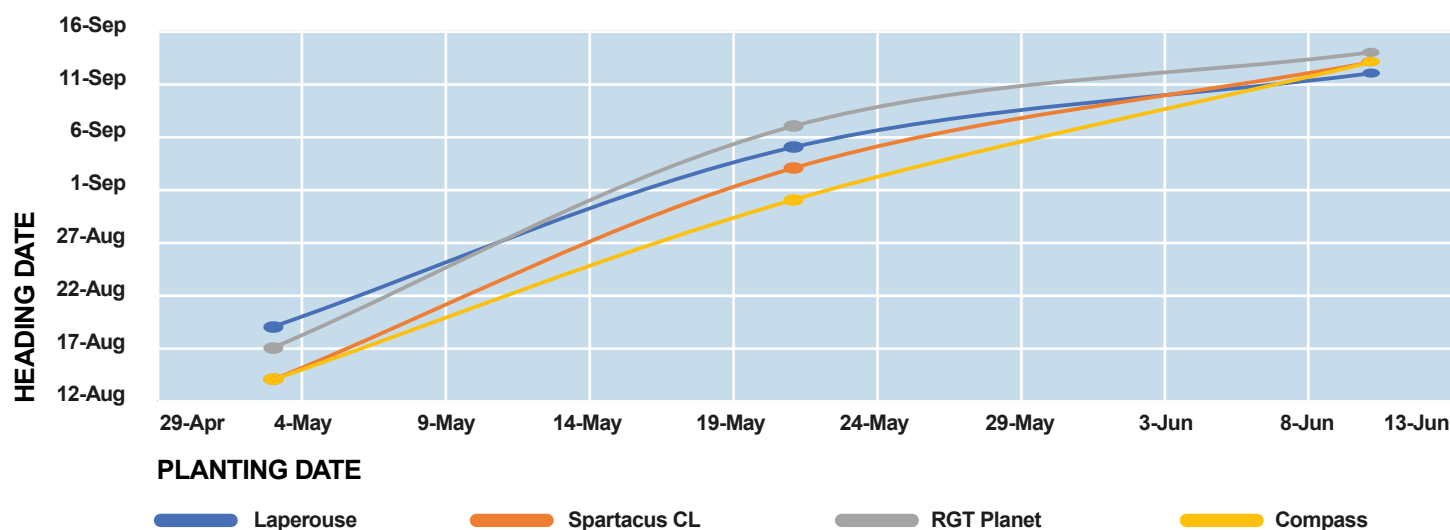
DISEASE RESISTANCE RATINGS – WA (source NVT online May 2023)

Variety	CCN	Powdery mildew	Scald	Leaf rust	Spot form of net blotch	Net form of net blotch	Barley Yellow Dwarf Virus	Black point
LAPEROUSE	S	RMR	S	MSS	MS	MR-S	MRMS-MS	MSS
Leabrook	RMR	RMR	MS	MSS	MSS	MRMS-S	MS-MSS	MS
Maximus CL	R	MR	R	MSS	MSS	MR-S	MRMS	MSS
Commodus CL	R	R-MRMS	MS	S	MSS	MRMS-S	MRMS	MS
RGT Planet	R(p)	R	R-MR	MRMS-MS	S	MRMS-SVS	MRMS-MS	MRMS
Cyclops	S	MR	MRMS	S	S	MR-S	S	MS
Minotaur	R	S	VS	S	S	MRMS-MS	MSS	MS

p=provisional

PLANT TYPE AND AGRONOMY (source SECOBRA breeding trials)

Laperouse is a spring type barley but has shown to develop relatively slowly when sown early so could be an option for early season planting. The data below is from SECOBRA breeder trial at Roseworthy SA in 2020



The plant height for Laperouse is typically between Compass and RGT Planet.

Average plant height observations from 3 SECOBRA trials in SA & VIC 2019

SHORT HEIGHT					TALL HEIGHT	
Spartacus CL	La Trobe	RGT Planet	LAPEROUSE	Compass	Fathom	

GRAIN QUALITY – WA (source NVT online)

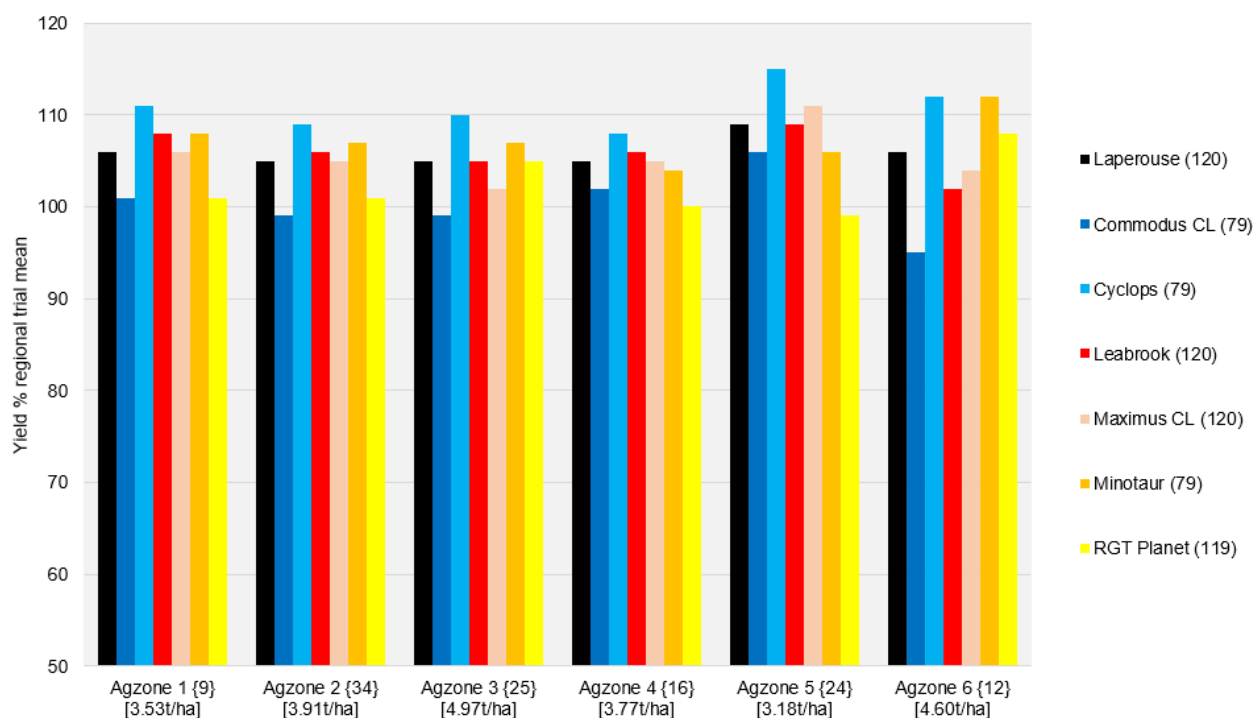
Expressed as mean of NVT sites in WA from 2020-2022 (79 locations)

Variety	Test weight (kg/lh)	Screenings (%<2.2mm)	Retention (%>2.5mm)
Laperouse	69.5	4.2	83.8
Leabrook	67.5	4.0	85.1
Maximus CL	70.3	4.3	82.4
Commodus CL	67.9	4.6	83.0
RGT Planet	66.9	7.2	73.7
Cyclops	68.7	5.5	78.8
Minotaur	69.1	6.2	76.6

YIELD DATA – WA (source NVT online)

Grain Yield of Laperouse across all Agzones in WA, NVT data

NVT main season series Long Term MET Analysis 2018-2022



{}: Total number of sites per Agzone

{}: Regional trial mean t/ha

(): The number of trials that a variety was present across the entire dataset



Plant Breeders Rights and Royalty

Laperouse is protected by Plant Breeders Rights. An End Point Royalty of \$3.80 +GST per tonne applies to grain production



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Breeding

Laperouse was developed by SECOBRA Recherches after being bred by the University of Adelaide with support from the Grains Research and Development Corporation. Its pedigree includes Commander and Waite Institute coded breeding lines.

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For more information call David Clegg 0408 630 641 or Seednet on 1300 799 246 or visit www.seednet.com.au

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