

June 2022

Laperouse[®] Barley

South Australia Version

*The information in this document is current as at June 2022.
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

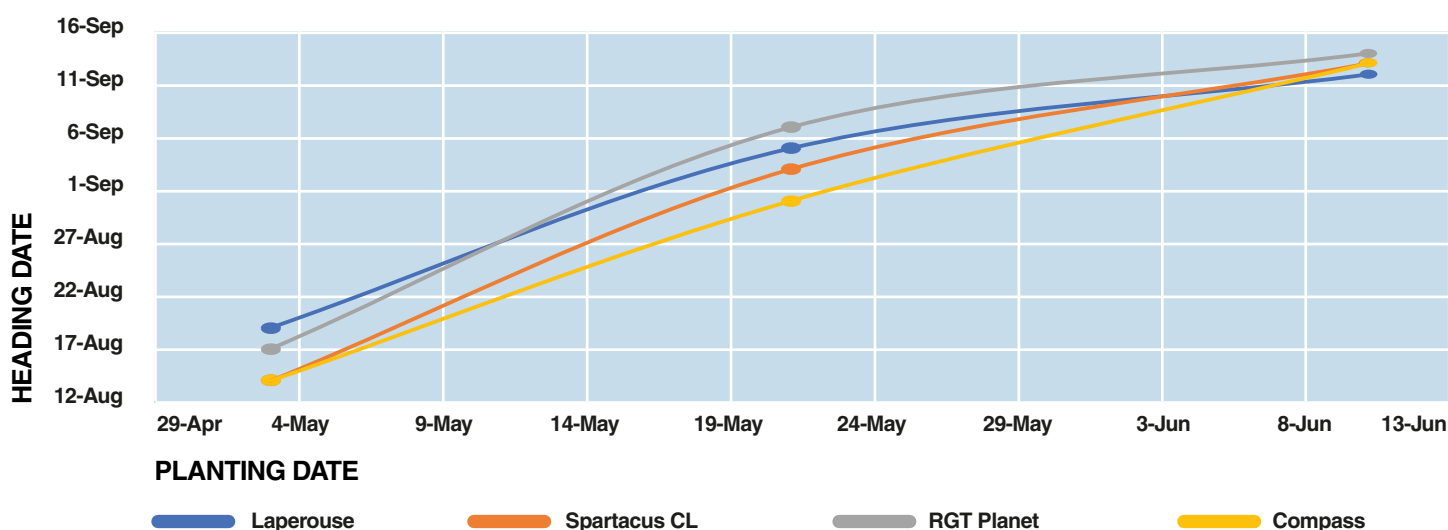
DISEASE RESISTANCE RATINGS – SA (source NVT online)

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	MS	MSS-SVS	MMS-SVS	MRMS	MR-MSS	MRMS	MSS
Leabrook	RMR	MS	R-SVS	S-VS	MS	MR-MS	MS	MSS
Maximus CL	R	MS	R-SVS	MS-S	MS	R-MS	MRMS	MSS
Commodus CL	R	MS	MSS-SVS	MRMS-SVS	MSS	MR-MSS	MRMS	MSS
RGT Planet	R(p)	R	R-S	MRMS-MS	SVS	MR-SVS	MRMS	MRMS
Cyclops	S	MSS	R-S	SVS-VS	MS-S	MR-MS	S(p)	MS
Minotaur	R	S	VS	S-VS	S	R-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 – SA (source NVT online)

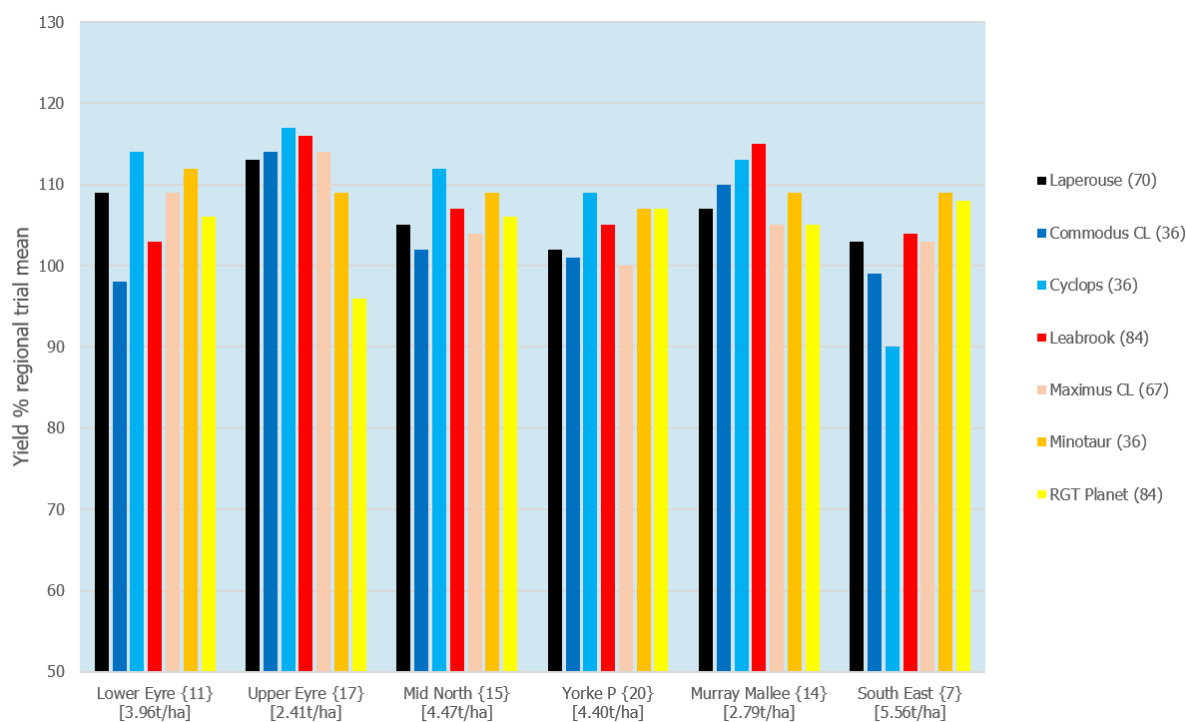
Expressed as mean of all 2021 NVT sites in SA (17 locations)

Variety	Test weight (kg/lh)	Screenings (%<2.2mm)	Retention (%>2.5mm)
Laperouse	71.5	2.1	85.5
Leabrook	70.2	1.0	93.4
Maximus CL	72.2	0.8	93.8
Commodus CL	70.0	1.2	92.0
RGT Planet	70.0	2.6	84.8
Cyclops	70.8	1.4	89.9
Minotaur	71.4	1.8	87.2

YIELD DATA – SA (source NVT online)

Grain Yield of Laperouse across all regions in SA, NVT data

NVT main season series Long Term MET Analysis 2017-2021



{}: Total number of sites per Region

[]: 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 Stuart Ockerby 0448 469 745 or Seednet on 1300 799 246 or visit www.seednet.com.au

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