

June 2022

# Laperouse<sup>(p)</sup> 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

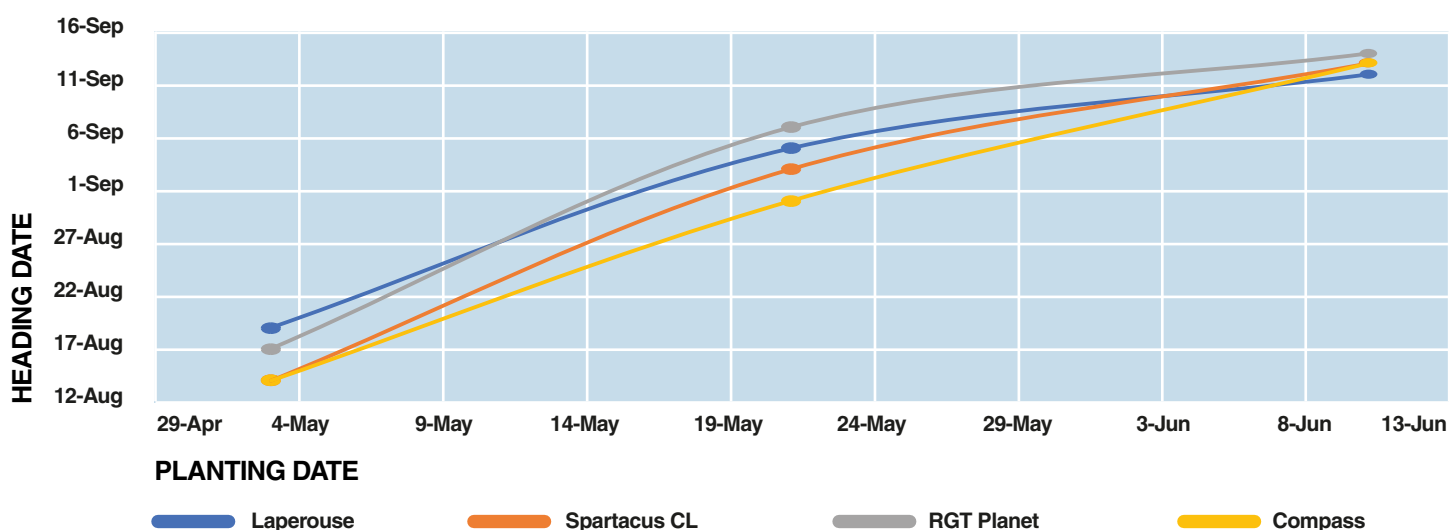
## DISEASE RESISTANCE RATINGS – SA (source NVT online)

Variety	CCN	Powdery mildew	Scald	Leaf rust	Spot form of net blotch	Net form of net blotch	Barley Yellow Dwarf Virus	Black point
<b>LAPEROUSE</b>	<b>S</b>	<b>MS</b>	<b>MS-S (p)</b>	<b>MR-MS(p)</b>	<b>MR(p)</b>	<b>MR(p)</b>	<b>MR-MS</b>	<b>MS-S</b>
<b>RGT Planet</b>	R(p)	R-MR	R(p)	MR(p)	S-VS	MR(p)	MR-MS	MR-MS
<b>Compass</b>	R	MS	MR(p)	S-VS	MS	MR(p)	MS	MS-S
<b>Leabrook</b>	R-MR	MS-S	R(p)	MS(p)	MS	MR(p)	MR-MS	MS-S
<b>La Trobe</b>	R	MS-S	R(p)	MR-MS(p)	MS-S	MR(p)	MS	MS-S
<b>Spartacus CL</b>	R	MS	R(p)	MR(p)	S	S(p)	MS	MS-S
<b>Maximus CL</b>	R	MS	R(p)	MS(p)	MR-MS	R(p)	MR	MS-S

(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)

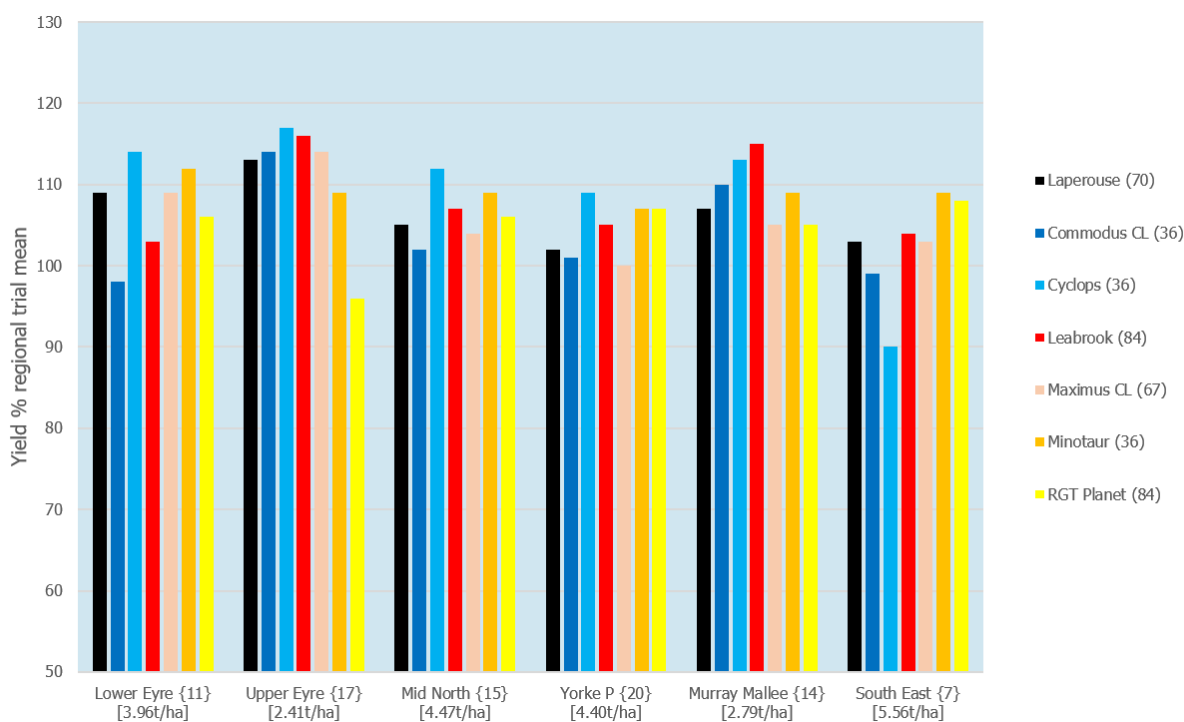
Expressed as mean of all 2021 NVT sites in SA (17 locations)

Variety	Test weight (kg/lh)	Screenings (%<2.2mm)	Retention (%>2.5mm)
<b>Laperouse</b>	<b>71.5</b>	<b>2.1</b>	<b>85.5</b>
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



**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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DISCLAIMER: The information in this document is current as at June 2022. For information after this date please refer to National Variety Trials. The material contained in this document is from official and other sources and is believed to be accurate. It is provided in good faith and every care has been taken to ensure its accuracy and reliability. Seednet acknowledges that performance of varieties may vary under different climatic conditions and other natural causes from season to season. Subject to terms and condition that cannot be excluded by law, Seednet does not take any responsibility for the variation of performance of this variety arising under such circumstances or your acceptance of recommendations or suggestions made in this Information Sheet.