



May 2023

Laperouse^(D) Barley

Victoria 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 – VIC (source NVT online May 2023)

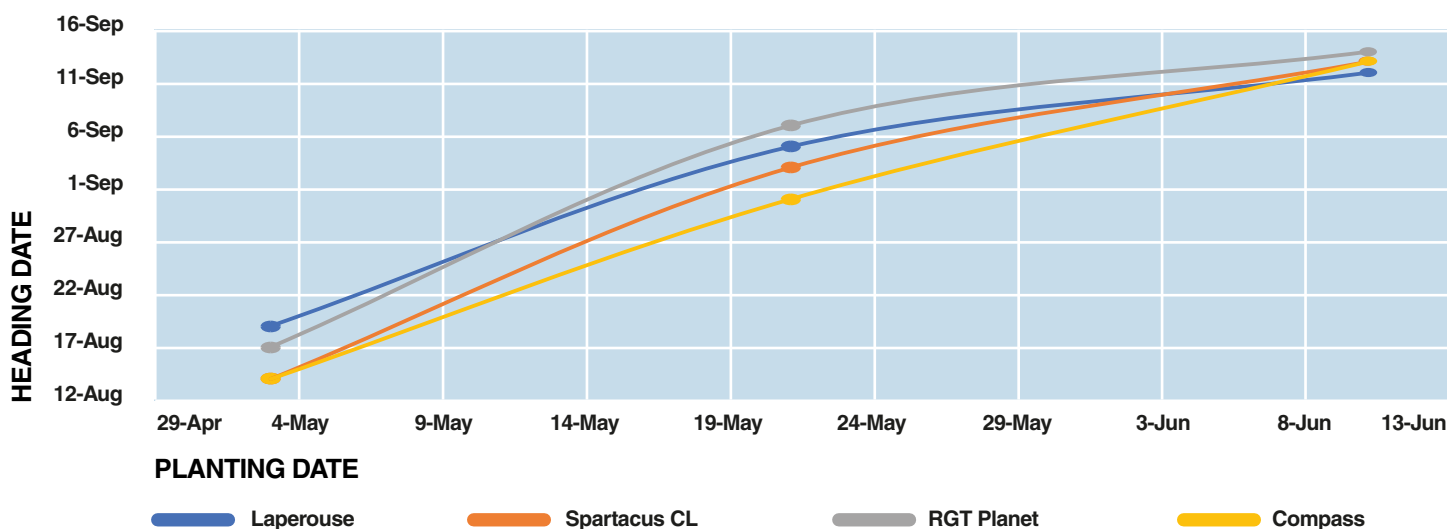
Variety	CCN	Powdery mildew	Scald	Leaf rust	Spot form of net blotch	Net form of net blotch	Barley Yellow Dwarf Virus	Black point
LAPEROUSE	S	MSS	VS	SVS	MRMS	MR	MRMS-MS	MSS
Leabrook	RMR	S	SVS	SVS	MS	MR	MS-MSS	MS
Maximus CL	R	MS	SVS	S	MS	MRMS	MRMS	MSS
Commodus CL	R	MS	SVS	S	MSS	MRMS	MRMS	MS
RGT Planet	R(p)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

p=provisional

may be more susceptible to some pathotypes

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 – VIC (source NVT online) Expressed as mean of main season NVT sites in VIC from 2020-2022 (33 locations)

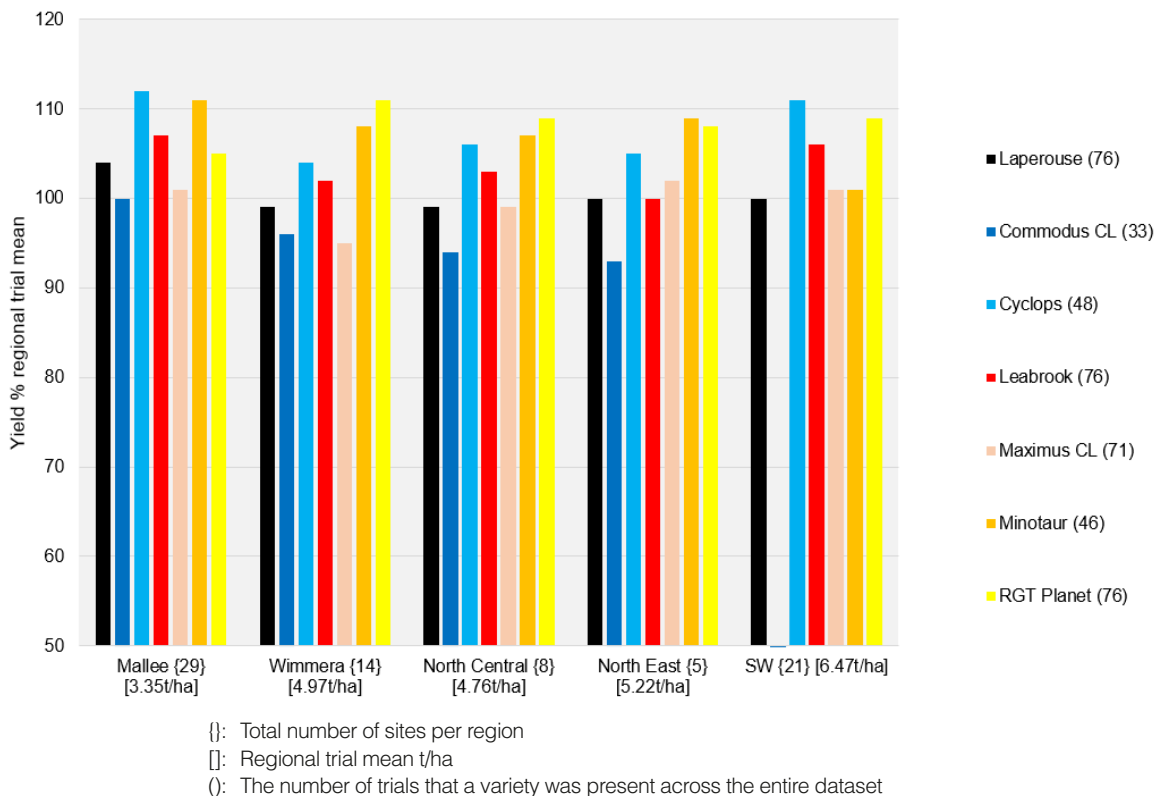
Variety	Test weight (kg/lh)	Screenings (%<2.2mm)	Retention (%>2.5mm)
Laperouse	68.7	1.3	91.4
Leabrook	66.6	1.1	94.0
Maximus CL	69.0	1.4	90.9
Commodus CL	67.0	1.6	91.3
RGT Planet	67.2	2.2	87.3
Cyclops	68.1	1.8	90.5
Minotaur	67.8	2.8	86.6

YIELD DATA – VIC (source NVT online)

Grain Yield of Laperouse across all regions in Victoria (Main and Long Seasons), NVT data.

NVT main season series Long Term MET Analysis 2018-2022

NVT long season series Long Term MET Analysis 2017-2022



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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