

Laperouse^(D) Barley

Victoria 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 – VIC (source NVT online)

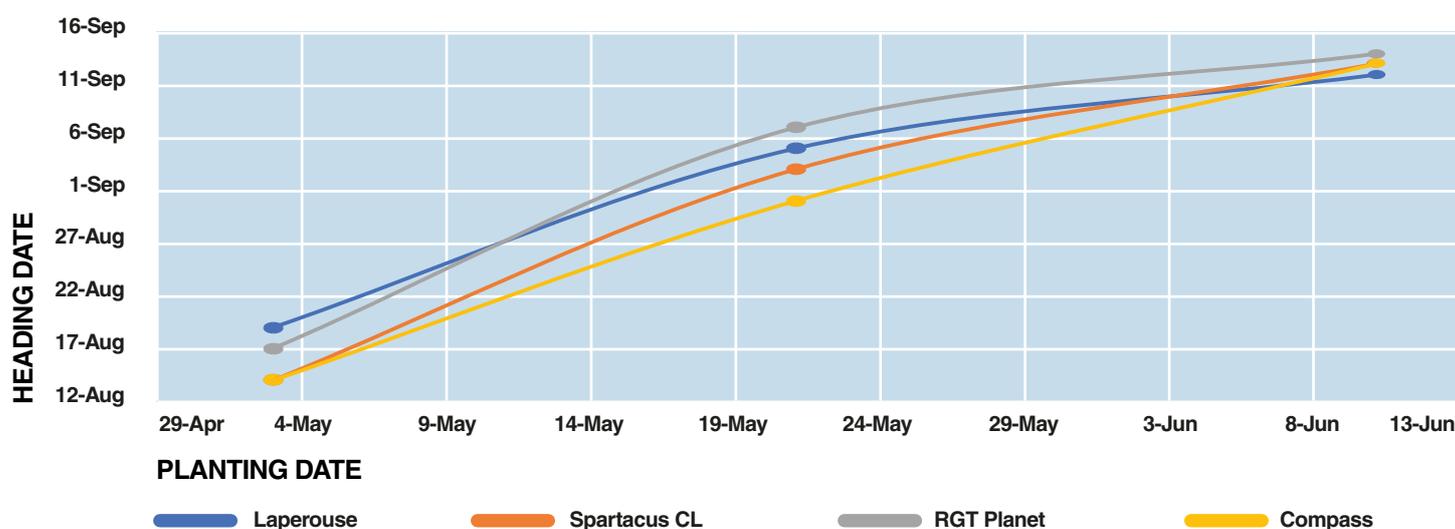
Variety	CCN	Powdery mildew	Scald	Leaf rust	Spot form of net blotch	Net form of net blotch	Barley Yellow Dwarf Virus	Black point
LAPEROUSE	S	MS	VS	S-VS	MRMS	MR	MRMS	MSS
Leabrook	RMR	MS	VS	SVS	MS	MR	MS	MSS
Maximus CL	R	MS	S	SVS	MS	MRMS	MRMS	MSS
Commodus CL	R	MS	SVS	S	MSS	MR#	MRMS	MSS
RGT Planet	R(p)	R	S	MRMS	SVS	SVS	MRMS	MRMS
Cyclops	S	MSS	SVS	SVS	MSS	MR(p)	S(p)	MS
Minotaur	R	S	VS	VS	S	R#	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 all 2021 NVT sites in VIC (12 locations)

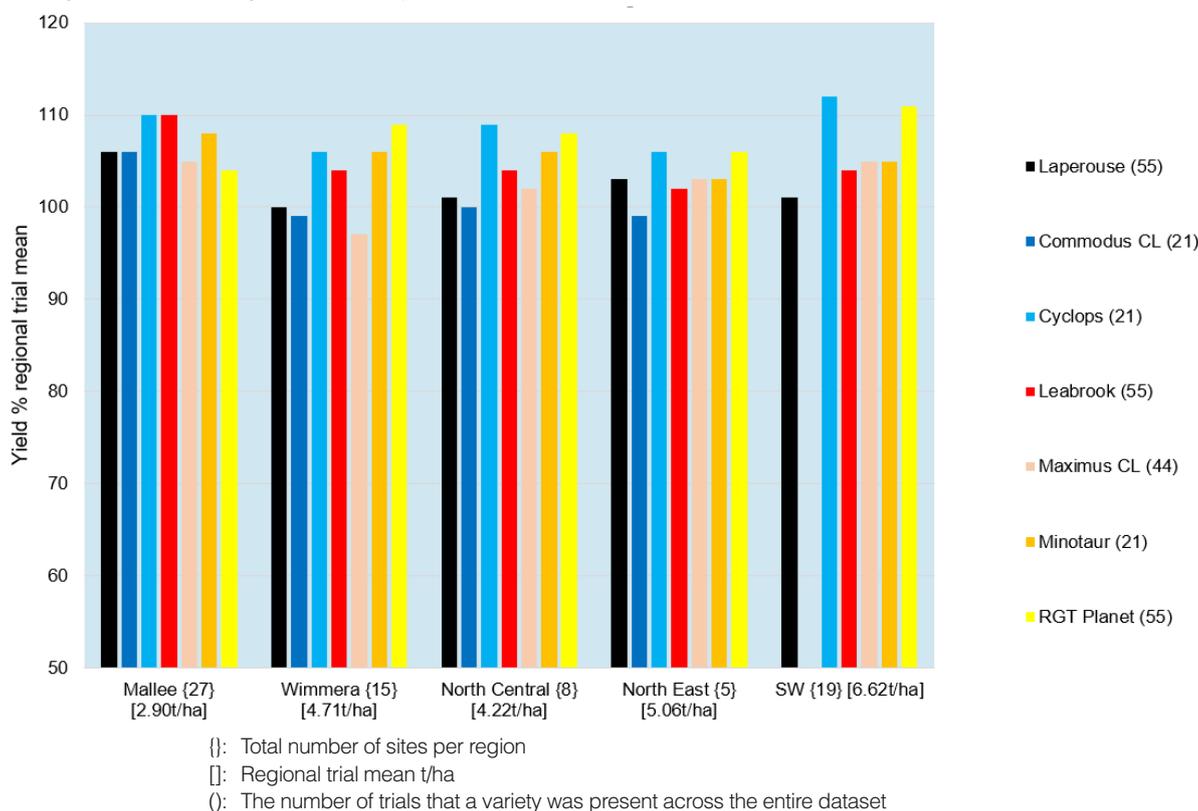
Variety	Test weight (kg/lh)	Screenings (%<2.2mm)	Retention (%>2.5mm)
Laperouse	69.2	1.2	92.8
Leabrook	67.6	0.9	96.2
Maximus CL	69.2	0.9	94.0
Commodus CL	68.4	1.1	94.0
RGT Planet	69.0	1.5	91.7
Cyclops	68.9	1.0	94.3
Minotaur	68.5	3.6	86.4

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 2017-2021

NVT long season series Long Term MET Analysis 2016-2021



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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