

May 2024

Laperouse[®] Barley

Nth.NSW & Sth.Qld Version

The information in this document is current as at May 2024. For updated information after this date please refer to NVT results.

KEY FEATURES

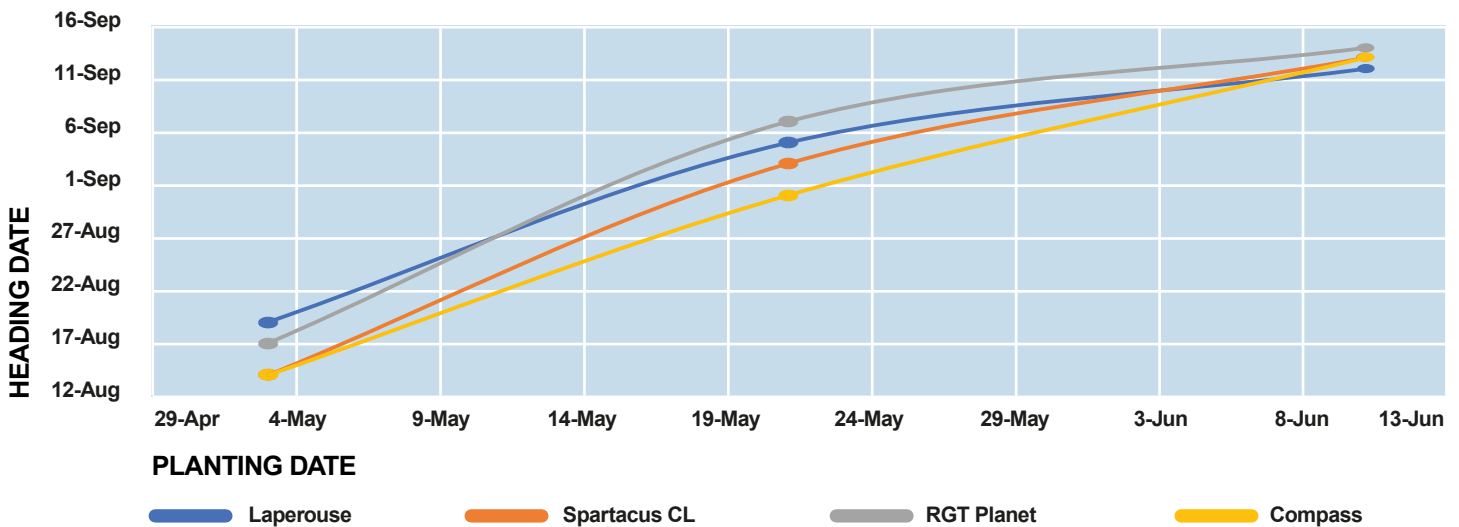
- Competitive growth habit with medium plant height
- Medium spring maturity with potential for early sowing
- Improvement in resistance to net blotches
- Very good standability with low incidence of lodging and head-loss
- Good physical grain quality
- Released as a 'feed' type but currently undergoing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

DISEASE RESISTANCE RATINGS – NSW & QLD (source NVT online May 2024)

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

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.

Plant height observations – av. 3 SECOBRA trials SA, VIC and WA 2019

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

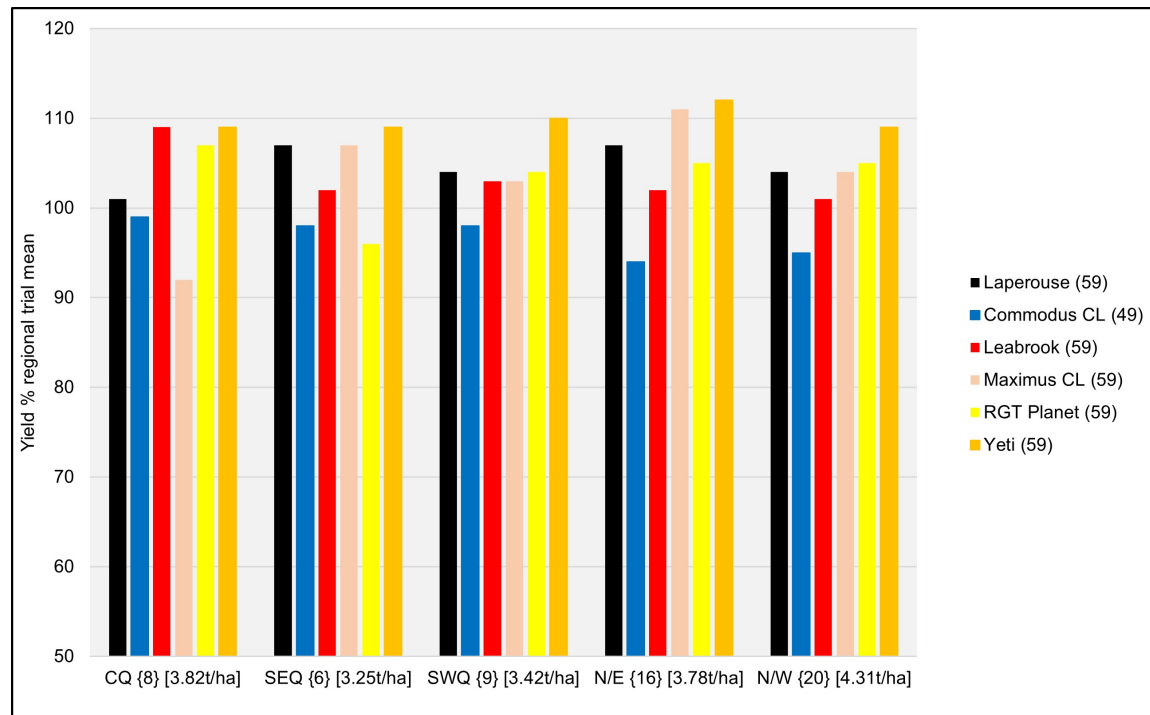
GRAIN QUALITY – NSW and QLD (source NVT online)

Expressed as mean of NVT sites in QLD & Nth NSW from 2021-2023 (35 sites)

Variety	Test weight (kg/lh)	Screenings (%<2.2mm)	Retention (%>2.5mm)
LAPEROUSE	67.3	2.1	90.9
Leabrook	66.2	1.7	92.2
Maximus CL	68.3	2.3	87.8
Commodus CL	66.3	1.9	90.7
RGT Planet	66.7	2.9	86.5
Yeti	67.5	1.8	91.2

YIELD DATA – NSW and QLD (source NVT online)

NVT main season series Long Term MET Analysis 2019-2023



{}: 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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For more information call Jon Thelander 0429 314 909 or Seednet on 1300 799 246 or visit www.seednet.com.au

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