



May 2023

Laperouse^(p) Barley

South Australia 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

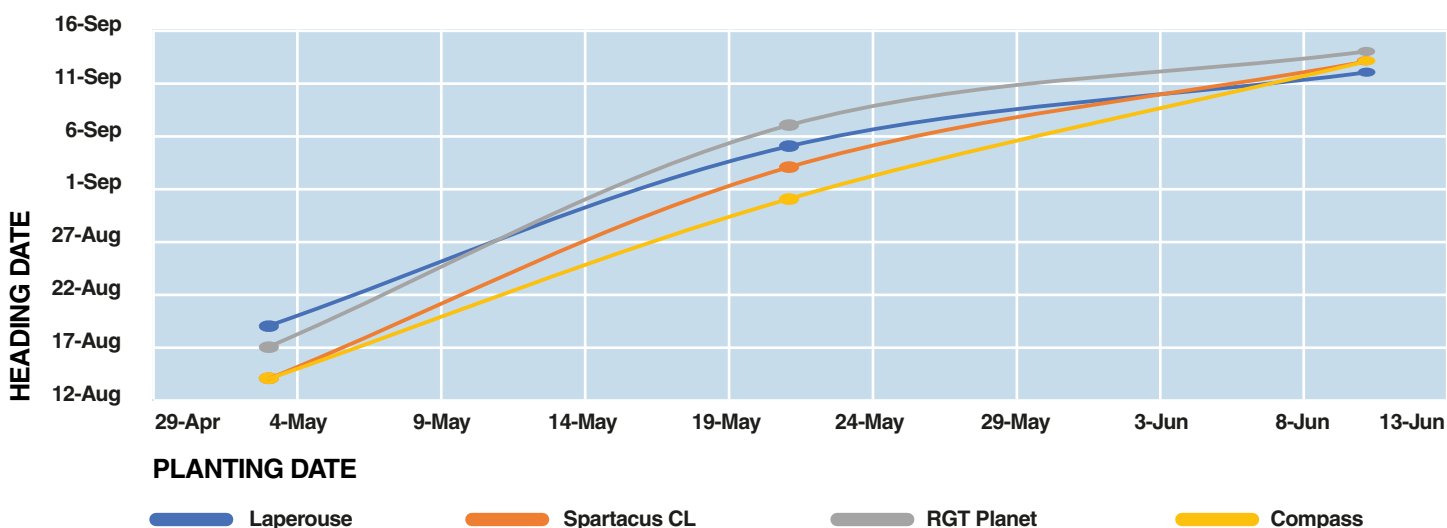
DISEASE RESISTANCE RATINGS – SA (source NVT online) May 2023

| 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 | SVS | SVS | MRMS | MR-MS | MRMS-MS | MSS |
| Leabrook | RMR | S | MRMS-SVS | SVS | MS | MR-MSS | MS-MSS | MS |
| Maximus CL | R | MS | R-SVS | S | MS | MR-MS | MRMS | MSS |
| Commodus CL | R | MS | MSS-SVS | S | MSS | MR-MSS | MRMS | MS |
| RGT Planet | R(p) | RMR | R-SVS | MRMS-MS | SVS | MRMS-SVS | MRMS-MS | MRMS |
| Cyclops | S | S | S | VS | MS | MR-MS | S | MS |
| Minotaur | R | S | VS | S-VS | S | MR-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 | |

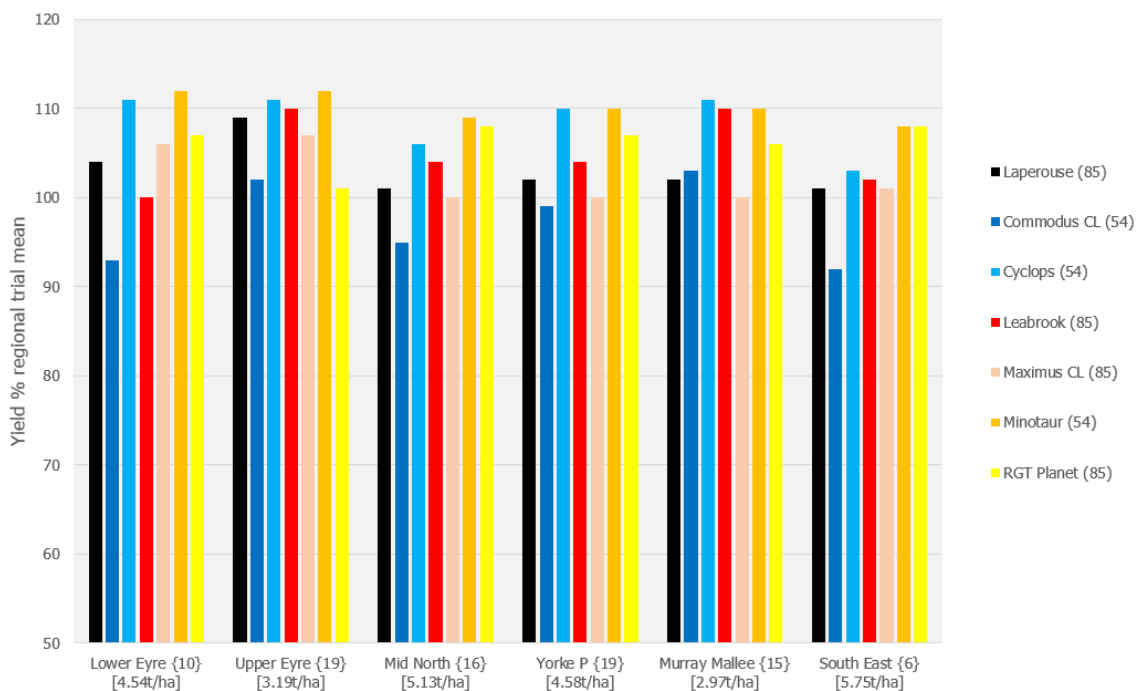
GRAIN QUALITY – SA (source NVT online) Expressed as mean of main season NVT sites in SA from 2020-2022 (54 locations)

| Variety | Test weight (kg/lh) | Screenings (%<2.2mm) | Retention (%>2.5mm) |
|------------------|---------------------|----------------------|---------------------|
| Laperouse | 70.4 | 1.8 | 90.1 |
| Leabrook | 68.6 | 1.1 | 94.1 |
| Maximus CL | 70.7 | 1.3 | 92.1 |
| Commodus CL | 68.7 | 1.5 | 91.9 |
| RGT Planet | 68.7 | 2.5 | 87.3 |
| Cyclops | 69.7 | 1.8 | 90.2 |
| Minotaur | 70.4 | 1.7 | 89.2 |

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 2018-2022



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

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