

J – BARLEY VARIETY UPDATE

NOTES ON NEWER RELEASES AND NUMBERED LINES

Leabrook^(d) variety was released in 2020 as a malting-accredited variety and was initially developed by the University of Adelaide. Leabrook is closely related to Compass, with evaluation indicating yield improvement. Maturity and straw strength are comparable to Compass with a similar disease profile, it also has good physical grain quality with high retention and low screenings.

AGTB0113 is a variety developed by AGT and is currently undergoing evaluation for release as a

feed quality variety. It is derived from a Compass and Hindmarsh cross and although similar in appearance to Compass, AGTB0113 develops slightly quicker and offers greater yield potential. AGTB0113 is currently undergoing evaluation for malt accreditation.

Laperouse (WI4952) is a new barley variety bred by the University of Adelaide and will be available to growers in 2021. It is a longer season variety with maturity similar to Commander and RGT Planet. Laperouse has good straw strength and standability with improved resistance to net form blotch. Laperouse is currently undergoing evaluation for malt accreditation.

Table 1. Barley variety performance at Hart by year (expressed as % of trial average).

Quality	Variety	% of trial average					Grain yield (t/ha)
		2015	2016	2017	2018	2019	2019
Feed	Banks				103	99	2.24
	Fathom	112	104	94	109	104	2.33
	Fleet	107	100	104	106	100	2.25
	Hindmarsh	108	92	98	100	103	2.32
	Keel	112	97	102	105	101	2.28
	Rosalind		104	91	102	107	2.42
Malt	Commander	100	92	102	104	93	2.11
	Compass	111	86	106	105	106	2.38
	GrangeR	93	103	108	89	93	2.11
	La Trobe	107	94	104	99	107	2.41
	Navigator	92	113	111	96	93	2.10
	RGT Planet			134	97	101	2.28
	Scope	99	94	89	89	91	2.04
	Spartacus CL	106	95	98	98	100	2.25
Pending malt accreditation	Maximus CL (IGB1705T)					102	2.30
Mean yield (t/ha)		4.38	4.62	4.36	2.86	2.25	
Sowing date		May 6	May 10	May 8	May 14	May 15	
April - Oct (mm)		230	356	191	160	162	
Annual rainfall (mm)		353	485	331	224	189	

Barley variety trial plan

Buffer	Buffer	Buffer
AGTB0113	Maximus CL	RGT Planet
Fathom	Scope CL	Leabrook
RGT Planet	Commander	Laperouse
Compass	Rosalind	Spartacus CL
LaTrobe	compass	Commander
Scope CL	Fathom	Rosalind
Laperouse	AGTB0113	Maximus CL
Spartacus CL	Leabrook	LaTrobe
Leabrook	RGT Planet	AGTB0113
Maximus CL	Laperouse	Scope CL
Commander	LaTrobe	Fathom
Rosalind	Spartacus CL	Compass
Buffer	Buffer	Buffer

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 Seeding date: May 6, 2020
Fertiliser: DAP + Impact
Fertiliser rate: 80 kg/ha

Note: Compass was resown by hand on May 21 due to poor crop establishment.