

SPINNAKER

BARLEY

April 2026

*The information in this document is current as at April 2026
For updated information after this date, please refer to NVT*

KEY FEATURES

- Quick maturing spring variety
- Bred in Australia for malting and brewing - currently in Stage 2 evaluation
- Broad adaptation with high grain yield in range of low and medium rainfall zones
- Excellent physical grain quality with high retention, high test weight and low screenings
- Excellent malt modification, good grain protein accumulation and low Gibberellic Acid requirement

Agronomic Characteristics

- Competitive early growth
- Conventional herbicide management
- Good straw strength and head retention
- Earlier to flowering and quicker to maturity than RGT Planet
- Shorter plant height than RGT Planet
- RMR-R to Powdery mildew
- MRMS to Barley Yellow Dwarf Virus and Black point
- MS-MSS to Leaf rust
- S to SVS to Net Blotches



Breeding and End Point Royalties

- Spinnaker is derived from a complex three-way cross combining hardy Australian adaptation and physical grain size with European malt quality. Pedigree is Fathom, RGT Planet and a SECOBRA high malt quality breeding line.
- Spinnaker is protected by Plant Breeder Rights (PBR) legislation. A PBR license applies to the seed. Seed is available from Seednet Partners. Growers can retain seed from the production of Spinnaker for their own seed use.
- An End Point Royalty of \$4.00 (+GST) per tonne applies to Spinnaker.

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GRAIN YIELD DATA Source: <https://app.nvt.grdc.com.au>

Long term NVT Environment Mean Yield	SE and SW QLD			NE and NW NSW		
	2023	2024	2025	2023	2024	2025
	3 trials Av 3.4t/ha	2 trials Av 2.8t/ha	5 trials Av 4.7 t/ha	6 trials Av 3.2t/ha	6 trials Av 5.4 t/ha	7 trials Av 4.5 t/ha
Spinnaker	98	105	104	102	104	105
Laperouse	104	101	103	101	105	104
Neo CL	111	105	107	104	107	105
Maximus CL	100	102	104	102	106	103
RGT Planet	98	103	101	101	97	97

Long term NVT Environment Mean Yield	SE and SW NSW			Wimmera, Mallee, NE and N Cen VIC		
	2023	2024	2025	2023	2024	2025
	6 trials Av 4.6 t/ha	4 trials Av 5.1 t/ha	7 trials Av 2.9 t/ha	11 trials Av 4.8 t/ha	8 trials Av 4.1 t/ha	13 trials Av 4.8 t/ha
Spinnaker	102	105	99	103	104	103
Laperouse	101	101	105	102	99	101
Neo CL	107	116	103	113	110	110
Maximus CL	103	101	107	103	99	101
RGT Planet	99	102	94	100	102	100

Long term NVT Environment Mean Yield	UEP, LEP, Mid Nth, YP, and Mur Mal SA			Agzones 1, 2, 3, 4, 5 and 6 WA		
	2023	2024	2025	2023	2024	2025
	18 trials Av 4.0 t/ha	14 trials Av 3.0 t/ha	18 trials Av 4.0 t/ha	25 trials Av 3.3 t/ha	30 trials Av 4.3 t/ha	31 trials Av 5.2 t/ha
Spinnaker	103	98	102	96	98	101
Laperouse	103	104	103	105	104	103
Neo CL	109	102	108	102	107	111
Maximus CL	103	106	103	104	105	102
RGT Planet	98	92	97	93	96	101

DISEASE RESISTANCE Source: <https://nvt.grdc.com.au/nvt-disease-ratings>

Spinnaker Disease Resistance Ratings 2026

Disease	QLD	NSW	VIC	SA	WA
Leaf Rust	MSS	MS	MSS	MSS	MS
Barley Yellow Dwarf Virus	MRMS	MRMS	MRMS	MRMS	MRMS
Cereal Cyst Nematode	S	S	S	S	S
Net form Net Blotch	SVS	S	S	SVS	MRMS-SVS
Spot form Net Blotch	S	SVS	SVS	SVS	S
Powdery Mildew	RMR	RMR	RMR	RMR	R
Scald	S	S	S	S	RMR
Black Point	MRMS	MRMS	MRMS	MRMS	MRMS

SVS: Susceptible to Very Susceptible, S: Susceptible, MS: Moderately Susceptible, MRMS: Moderately Resistant to Moderately Susceptible, MR: Moderately Resistant, R: Resistant

GRAIN QUALITY Source: <https://app.nvt.grdc.com.au/>

State average data from National Variety Trials

Long term NVT grain quality results	QLD 2023-25 Av 16 trials				NSW 2023-25 Av 36 trials				VIC 2023-25 Av 31 trials			
	Test Weight kg/hl	Protein %	Screenings %<2.2mm	Retention %>2.5mm	Test Weight kg/hl	Protein %	Screenings %<2.2mm	Retention %>2.5mm	Test Weight kg/hl	Protein %	Screenings %<2.2mm	Retention %>2.5mm
Spinnaker	68	11.5	1.2	93	67	11.9	7.6	73	67	12.2	5.1	80
Laperouse	69	12.1	0.9	95	68	11.9	4.1	79	68	12.2	2.2	88
Neo CL	66	10.8	1.2	92	66	11.4	7.8	71	67	11.8	4.2	82
Maximus CL	69	12	1.1	91	70	12.2	5.6	74	69	12.4	2.6	85
RGT Planet	67	11.6	2.2	89	66	12	9.6	64	67	12.3	6.1	73

Long term NVT grain quality results	SA 2023-25 Av 46 trials				WA 2023-24 Av 40 trials			
	Test Weight kg/hl	Protein %	Screenings %<2.2mm	Retention %>2.5mm	Test Weight kg/hl	Protein %	Screenings %<2.2mm	Retention %>2.5mm
Spinnaker	70	13.2	6.9	70	66	12.5	11.2	64
Laperouse	71	12.9	3.8	80	68	12.1	7.9	71
Neo CL	69	12.6	5.5	74	64	11.8	9.2	69
Maximus CL	72	12.8	3.6	79	69	12.6	9.1	68
RGT Planet	70	13.3	8.8	61	64	12.5	14.5	57



MALT QUALITY DETAILS* Source: University of Adelaide, AEGIC and SECOBRA over 4 years and 9 locations

***Note that Spinnaker is not yet accredited for malting - the comments and data below are from development work**

Spinnaker has very similar malt quality attributes to RGT Planet - it is suited to both high and medium fermentability brewing styles.

Spinnaker has better modification and vigour than Compass and Spartacus CL and has a low Gibberellic Acid requirement.

Spinnaker also has slightly higher grain protein accumulation than RGT Planet.

Variety	Friability %	WBG mg/L	Viscosity mPa s	HWE (EBC) %	GP %	KI %	FAN mg/L	DP WK	Alpha U/g	Beta U/g	AAL %
Spinnaker	97.5	142.4	1.50	81.4	10.9	44.7	158	315	304.5	334.9	84.6
RGT Planet	94.8	134.4	1.50	81.7	10.7	44.1	154	314	306.8	356.5	84.7
Compass	84.7	337.6	1.61	79.5	11.1	35.6	124	275	261.3	293.3	80.8
Spartacus CL	82.3	364.2	1.60	79.4	11.8	38.5	149	356	277.8	355.7	83.2

WBG: Wort Beta Glucan, HWE: Hot Water Extract, GP: Grain Protein, KI: Modification Kolbach Index, FAN: Wort Free Amino Nitrogen, DP: Diastatic Power, Alpha: Alpha amylase, Beta: Beta amylase, AAL: Apparent Attenuation Limit

BREEDER CONTACT DETAILS

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