

NEWTON

WINTER BARLEY

APRIL 2026

Key Features of Newton

- Dual purpose variety with slow early development enabling early sowing for grazing, a long growing season, then harvest maturity equivalent to other long season cereals
- Highly competitive plant type with high total biomass production and feed quality grain

Agronomic Characteristics

- Very high tillering ability with particularly prostrate early growth
- Winter habit that requires cold period to initiate head development
- Maturity equivalent to medium developing winter wheat (in between EGA Wedgetail and DS Bennett)
- Tall plant type at maturity
- Improved disease resistance over Urambie

Factors Affecting Production

- Nitrogen topdressing can help sustain high tiller numbers
- Plant Growth Regulators can help manage large canopy and reduce lodging
- Fungicide can help maintain green leaf over long growing season
- Sowing before the end of May can be required to provide growing season length for successful grain development

Breeding and End Point Royalties

- Newton barley was bred by SECOBRA Recherches in France.
- An End Point Royalty of \$3.50 (+GST) per mt applies to grain production of Newton barley to support SECOBRA's Australian breeding operations.



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NVT Disease Resistance Ratings 2026

source: <https://nvt.grdc.com.au/nvt-disease-ratings>

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

(p) Provisional

may be more susceptible to some pathotypes

QUALITY DATA

source: <https://app.nvt.grdc.com.au>

Long term NVT grain quality results	SA 2023-24 Av 2 trials			VIC 2023-25 Av 6 trials			TAS 2023-25 Av 3 trials		
	Test Weight kg/hl	Screenings %<2.2mm	Retention %>2.5mm	Test Weight kg/hl	Screenings %<2.2mm	Retention %>2.5mm	Test Weight kg/hl	Screenings %<2.2mm	Retention %>2.5mm
Newton	68	1.6	90	60	6.7	75	66	3	90
Urambie	71	3.2	82	63	4.4	82	69	4	83
RGT Planet	67	10.9	68	63	3.3	90	69	2.3	88

YIELD DATA

source: <https://app.nvt.grdc.com.au>

Long term NVT yield results	South East SA			South West VIC			TAS		
	2023	2024	2025	2023	2024	2025	2023	2024	2025
	1 trial	1 trial	-	Av 3 trials	Av 2 trials	Av 3 trials	1 trial	1 trial	1 trial
Newton	5.7	5.04	No trial	2.74	5.34	7.51	6.53	8.05	9.49
Urambie	5.39	5.25		4.01	5.82	7.65	7.52	8.51	10.2
RGT Planet	5.77	4.83		5.38	5.83	8.54	8.7	9.13	12.18



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