



***Barley Australia accredited malt variety**

350-450mm	5.5-8.0	Most Soil Types	EPR RATE \$2.95
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Key Features

- Barley Australia accredited malt variety March 2013
- High yield potential
- Medium / late maturity – similar to Gairdner and Baudin
- Medium / short plant height
- Broad adaptation to all barley growing areas across Australia
- Excellent straw strength and resistance to lodging
- Large kernel size and high test weight
- High malt extract – superior to Gairdner
- High malt yields with good diastatic power.

Description

GrangeR barley was developed by the Nickerson barley breeding program. Derived from a cross between the two European malting varieties Braemar and Adonis, it is a high-yielding, medium-long season variety with a 3-4% yield advantage over Oxford.

With benefits including a high malt extract and good diastatic power, GrangeR barley offers broad adaptability standing 3-4 cm taller than Gairdner and 10cm taller than Baudin. It has an excellent lodging resistance and high grain harvest quality (excellent test weight and very low screenings).

Variety Management / Agronomy

GrangeR barley does not require any varietal specific management considerations. However when considering broader management requirements, please consult extension agronomists from various State Government departments or experienced commercial agronomists / consultants in the relevant growing areas.

Disease Resistance / Tolerance

Disease	GrangeR	Gairdner	Baudin	Vlamingh	Commander
Powdery Mildew	R	S	S-VS	S	MR
Leaf Rust	MR	S	S	S	S
Stem Rust	MR	MS	MS	MS	S
Spot Form Net Blotch	MS	MS-S	MS	MS	MS-S
Net Form Net Blotch	MR-MS	MR-MS	MS	MR	MS-S
Scald	MS-S	S	S	MR	S
CCN *	S	S	S	S	R
BYDV *	MR	R	MR	MR	S

* CCN and BYDV data a combination of public and Seedmark (plot contractor) data.

Performance

Over a number of years, GrangeR has been evaluated in the NVT system across all mainland states. Please refer to the long term average yield results in the following tables.

NVT Barley Main Season Trial Results (2008 – 2012) (t/ha)

QLD	GrangeR	Gairdner	Bass	Commander	Navigator	Scope	Westminister
SEQ	3.997	3.672	3.512	3.981	3.423	3.595	3.860
SWQ	4.050	3.601	3.440	3.810	3.579	3.548	-----
CQ	3.361	3.153	3.245	3.257	3.032	2.931	-----

NVT Barley Main Season Trial Results (2008 – 2012) (t/ha)

NSW	GrangeR	Gairdner	Bass	Baudin	Buloke	Commander	Navigator	Scope	Westminister
NE	4.475	3.865	3.859	3.573	3.920	4.153	3.720	3.930	3.987
NW	3.886	3.707	3.721	3.488	3.658	3.954	-----	3.669	3.946
SE	4.069	3.772	3.765	3.632	3.820	4.055	3.744	3.795	3.793
SW	3.141	2.744	2.894	2.639	2.997	3.013	-----	2.985	-----

NVT Barley Main Season Trial Results (2008 – 2012) (t/ha)

VIC	GrangeR	Gairdner	Bass	Baudin	Buloke	Commander	Navigator	Scope	Westminister
Mallee	2.802	2.523	2.619	2.502	2.723	2.818	-----	2.640	-----
North Central	2.895	2.542	2.696	2.380	2.641	2.836	2.387	2.578	2.764
North East	3.743	3.275	3.402	3.402	3.420	3.624	3.139	3.351	3.563
South West	4.958	4.545	4.794	3.925	-----	4.931	4.521	-----	5.045
Wimmera	3.598	3.165	3.493	3.143	3.529	3.598	2.981	3.423	3.198

NVT Barley Main Season Trial Results (2008 – 2012) (t/ha)

SA	GrangeR	Gairdner	Bass	Baudin	Buloke	Commander	Scope	Vlamingh	Westminister
Lower EP	4.203	3.717	3.918	3.610	3.894	4.009	3.835	3.931	3.972
Mid North	4.225	3.871	4.110	3.729	4.068	4.193	4.019	4.152	3.839
Murray Mallee	2.486	2.360	2.293	2.273	2.391	2.549	2.365	2.374	-----
South East	4.538	4.163	4.375	4.019	4.321	4.515	4.229	4.326	4.314
Upper EP	2.701	2.505	2.496	2.389	2.604	2.754	2.555	2.549	-----
Yorke P	3.583	3.118	3.293	2.984	3.293	3.457	3.247	3.277	3.163

NVT Barley Main Season Trial Results (2008 – 2012) (t/ha)

WA	GrangeR	Gairdner	Bass	Baudin	Buloke	Scope	Stirling	Vlamingh
Agzone 1	3.174	2.968	3.273	3.079	3.237	3.167	2.843	3.319
Agzone 2	2.667	2.461	2.545	2.394	2.627	2.644	2.214	2.604
Agzone 3	3.411	3.088	3.248	3.006	3.286	3.277	2.962	3.279
Agzone 4	2.050	1.879	1.972	1.951	2.188	2.143	2.052	2.051
Agzone 5	2.602	2.415	2.557	2.379	2.637	2.628	2.301	2.576
Agzone 6	3.291	2.915	3.096	2.730	3.092	3.084	2.561	3.112

Disclaimer: The information contained in this 'Variety Profile' is from Heritage Seeds, official and other sources and is considered reliable. It is provided in good faith and every care has been taken to ensure its accuracy. Heritage Seeds does not accept responsibility for the consequences of any decisions made based on this information.

End Point Royalty (EPR): An EPR of \$2.95 / tonne exclusive GST is payable on all GrangeR production.

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