



Rosalind[®]

Barley

syngenta[®]

WESTERN AUSTRALIA

Exceptionally high yielding, broadly adapted, early flowering, mid-maturing feed barley.

KEY FEATURES

- ▶ Highest yielding barley variety in 2014 and 2015 in NVT nationally
- ▶ Broadly adapted, early flowering, mid-maturing feed barley
- ▶ Good straw strength and head retention
- ▶ Ideally suited to environments where yield and yield stability is the top priority
- ▶ Good net form of net blotch and leaf rust resistance
- ▶ Available for planting in 2017

®



MATURITY

Rosalind(b) is an early flowering, mid-maturing feed barley and a maturity which is later than La Trobe(b) and similar to Buloke(b).

RAINFALL

Rosalind(b) is a broadly adapted variety, performing exceptionally well across all rainfall zones and the ideal time for sowing Rosalind(b) is:

Low < 300mm	Med 380-480mm	High > 480mm
Ideal Sowing Periods		
Early-late May	Early May - Early June	Mid May - Mid June

MARKET ACCEPTANCE

Rosalind(b) is a feed variety.

DISEASE

Rosalind(b) has a robust disease resistance profile. It is resistant to CCN, offers good leaf rust resistance, powdery mildew and net form of net blotch resistance.

For net form of net blotch & spot form of net blotch, a foliar fungicide such as AMISTAR XTR A® or COGITO® may be required. Specifically for spot form of net blotch, in medium to high rainfall growing situations, early disease suppression through the use of UNIFORM® in furrow or applied to the fertiliser, coupled with a foliar fungicide program can effectively provide adequate disease control. Alternatively under high disease pressure situations COGITO® applied at GS30-32 followed by AMISTAR XTRA at GS37-47 will provide effective control.

Higher rainfall regions may provide seasonal conditions conducive for Barley Leaf Rust development. Foliar management may be required in the form of 2 x 200mL/ha of AMISTAR XTRA or in lower rainfall areas, COGITO can be used.

Scald disease incidences are expected to be low, however, when grown in high disease pressure environments, a robust foliar fungicide program will be required.

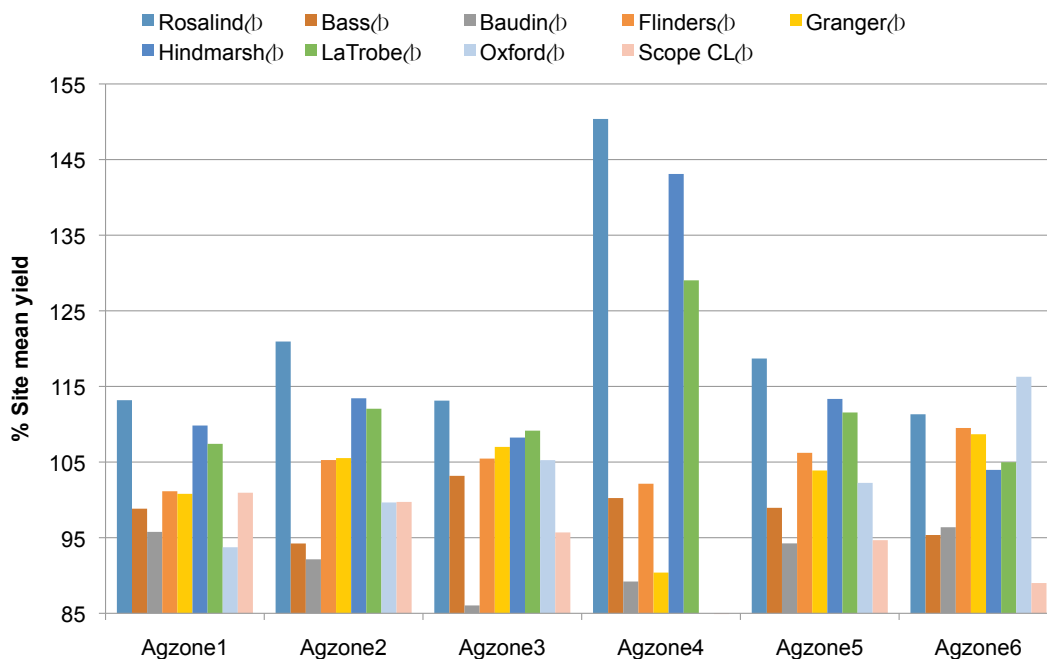
	Scald	Net form net blotch	Spot form net blotch	Powdery mildew	BYDV	Leaf rust
Bass(b)	MRMS	MS-S *	S	MS	MR	MR/S#
Baudin(b)	MS-S	S *	S	VS	MR	VSS
Flinders(b)	MS	MS	S	R	MR	MR
Hindmarsh(b)	MRMS	MS *	SVS	MRMS	S	S
La Trobe(b)	MR	MRMS *	SVS	MRMS	Sp	S
Oxford(b)	MS	MRMS *	S	R	MRMS	R
Rosalind(b)	MSp	MRp	Sp	MRMSp	Sp	MRp
Spartacus CL(b)	MRp	MRp	SVSp	MRMSp	Sp	-
Scope CL Plus(b)	MS	MR-MS *	S	R	MRp	S

Source: 2016 DAFWA Barley Variety Guide

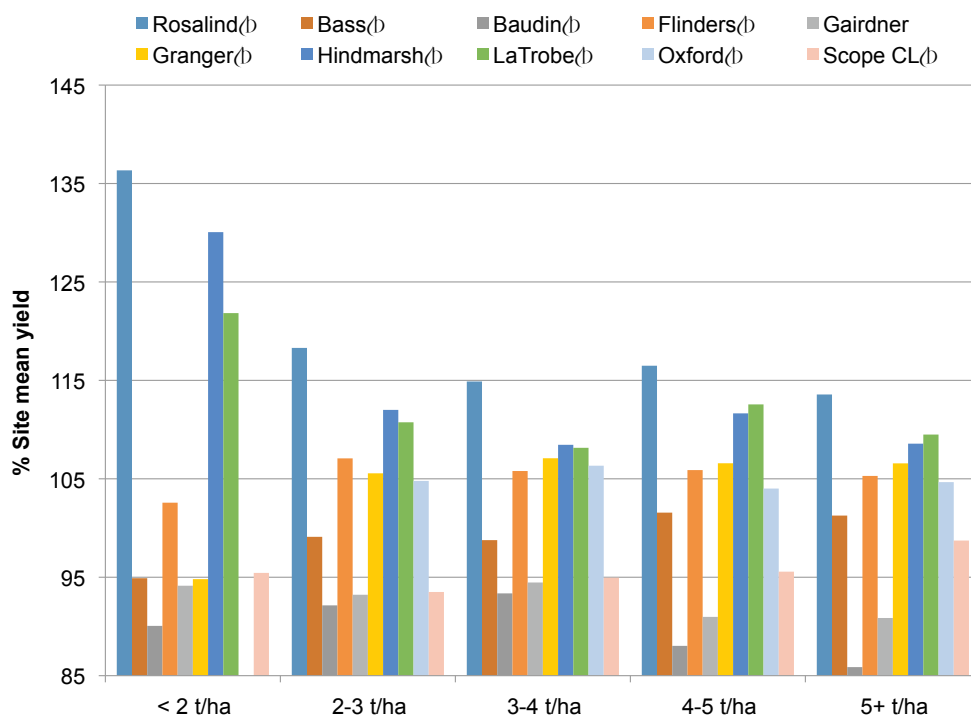
R=Resistant, MR=Moderately Resistant, MS=Moderately Susceptible, S=Susceptible, VS=Very Susceptible # Pathotype dependent p – provisional rating * Net form net blotch Beecher avirulent adult rating; Spot form net blotch ratings based on adult reactions.

YIELD

WA AUSTRALIA



2014-15 WA NVT MET variety performance; represented regionally as a % of site mean yield.



2014-15 WA NVT MET variety performance; represented by yield environment as a % of site mean yield.



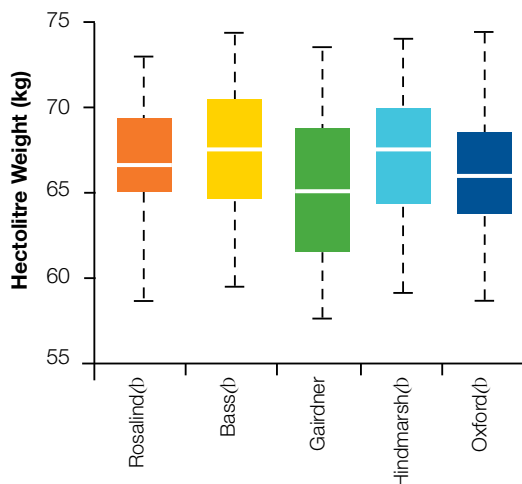
Rosalind^(b)

Barley

GRAIN QUALITY

Rosalind^(b) possesses good physical grain qualities, it has good grain size, with plumpness comparable to Hindmarsh^(b) and has good hectolitre weight.

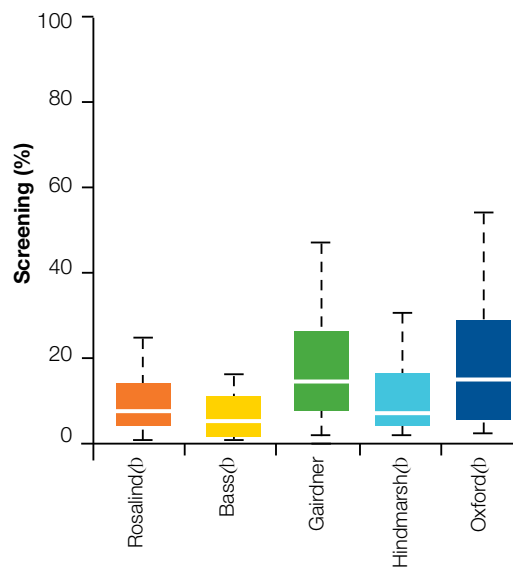
Hectolitre Weight



2014-15 National NVT Hectolitre weight (kg/hl)

Grain Size

Rosalind^(b) has good grain size, similar to Hindmarsh^(b) and produces low screenings.



2014-15 National NVT Retention (%)

	Classification	Maturity with late May sowing	Coleoptile Length	Straw Strength	Height	Head loss risk	Grain Plumpness
Bass ^(b)	Malt	Medium	Medium	Very good	Short	Medium	Good
Baudin ^(b)	Malt	Medium	Medium	Very good	Short	Low	Fair
Flinders ^(b)	Malt	Medium	Short	Very good	Short	Low	Mod. good
Hindmarsh ^(b)	Food	Early	Short	Fair	Medium	Low	Mod. good
La Trobe ^(b)	Malt	Early	Short	Mod. Good	Medium	Low	Mod. good
Oxford ^(b)	Feed	Late	Medium	Very good	Short	Low	Very poor
Rosalind^(b)	Feed	Early	Short	Mod. Good	Medium	Low	Mod. good
Spartacus CL ^(b)	Potential Malt	Early	Short	Mod. Good	Medium	Low	Mod. good
Scope CL Plus ^(b)	Malt	Medium	Short	Fair	Tall	High	Fair

Source: 2016 DAFWA Variety Guide. Spartacus CL and Rosalind Plant Features Source: InterGrain Barley Breeding

SEED AVAILABILITY

Rosalind^(b) is now available for farmer-to-farmer trading, your local reseller or Syngenta Seedgro member. For more information visit www.intergrain.com.

PLANT BREEDING RIGHTS (PBR) AND END POINT ROYALTIES (EPR)

Rosalind^(b) is protected by Plant Breeders Rights. Any unauthorised commercial propagation or any sale, conditioning, export import or stocking of propagating material of this variety is an infringement under the Plant Breeders Rights 1994. La Trobe^(b) is subject to an EPR of \$4.00 per metric tonne (GST exclusive), payable on all production excluding seed saved for future crops.

Rosalind^(b) is an Agriculture Victoria Services (AVS) variety bred by David Moody and developed by the InterGrain barley breeding team. InterGrain manages the collection of End Point Royalties (EPR) as part of the Plant Breeders Rights variety licencing agreement. The royalties are collected for investment into continued plant breeding research and development of improved varieties for Australian farmers.

Cover photo: KentStone (left) treated with Rosalind^(b) and right treated with La Trobe^(b)

SEEDGRO PARTNER CONTACTS

Seedgro Partner	State	Location	Contact Number
Wimmera Grain	VIC	Rupanyup	(03) 5385 5344
AGF Seeds	VIC	Smeaton	(03) 5345 6262
Baker Seed Co.	VIC	Rutherglen	(02) 6032 9484
Hart Bros Seeds	NSW	Junee	(02) 6924 7206
Agrigrain	NSW	Narromine	(02) 6889 2200
Superior Seed Co.	NSW	Deniliquin	(03) 5881 6689
A.G. Schilling & Co (Seeds)	SA	Kadina	(08) 8825 7224
Breona Farming	SA	South Kilkerran	(08) 8836 7238
Booloroo Centre Seeds	SA	Booloroo Centre	(08) 8667 2286
Manoora Seeds	SA	Manoora	(08) 8848 4335
Modra Seeds	SA	Ungarra	(08) 8688 8094
RH Verner & Co.	SA	Mallala	(08) 8520 2182
Australian Seed & Grain	WA	Moorra	(08) 9651 1069
E.D.S.C.O	WA	Kellerberrin	(08) 9045 4036
Multiseed Productions	WA	Esperence	(08) 9071 1053

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