



Rosalind[®]

Barley

syngenta[®]

EASTERN 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 (pathotype dependent)




®

MATURITY

Rosalind(b) is an early flowering, mid-maturing feed barley, 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 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 (pathotype dependent), 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 XTRA® 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, in high disease pressure environments, a robust foliar fungicide program will be required.

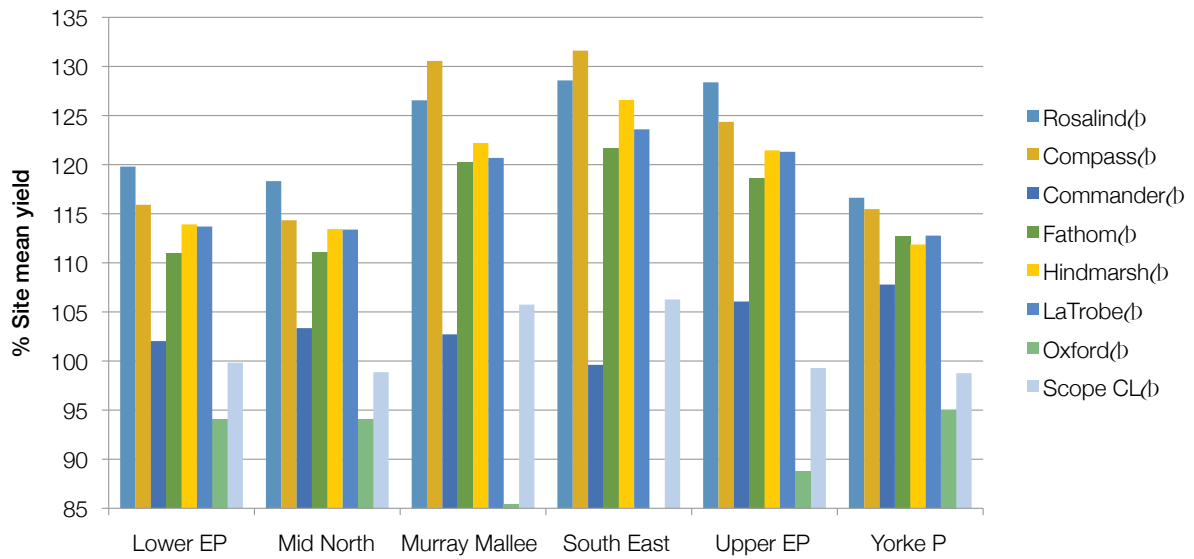
	Scald	Net form net blotch	Spot form net blotch	Powdery mildew	BYDV	Leaf rust	CCN
Baudin(b)	SVS	MRMS/S	MSS	VS	MR	VS	S
Buloke(b)	S	MR	S	R	MRMS	S	S
Compass(b)	SVS	MR#	MSS	RMR#	MR	VS	R
Commander(b)	S	MSS	MSS	MRMS#	MRMS	S	R
Hindmarsh(b)	R-VS	MR	SVS	R#	S	S	R
La Trobe(b)	R-VS	MR	SVS	RMR#	S	S	R
Granger(b)	SVS	MRMS	SVS	R	MRMS	MR	R
Gairdner	SVS	MRMS	S	S	S	S	S
Rosalind(b)	S	MR	SVS	RMR#		MR	
Scope CL Plus(b)	S	MR	MSS	R	MR	S	S
Spartacus CL(b)	R-VS	MR	SVS	MR#	S	S	R

Source: 2016 Victorian Winter Crop Summary

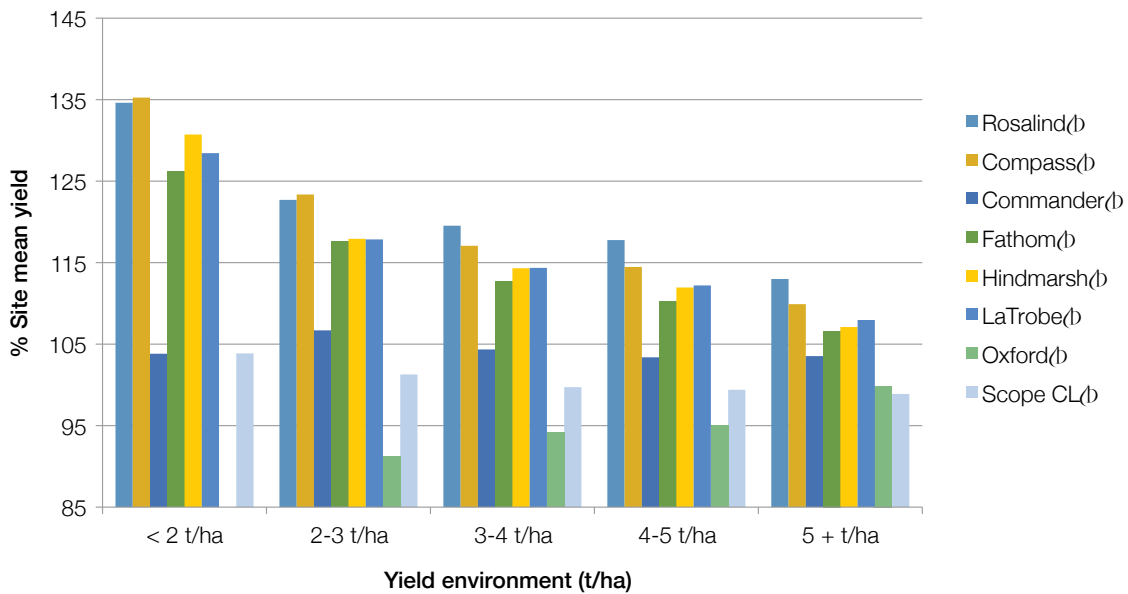
R=Resistant, MR=Moderately Resistant, MS=Moderately Susceptible, S=Susceptible, VS=Very Susceptible # Pathotype dependent p – provisional rating – information not available. Disease reactions vary between states; always refer to individual state variety guides for local information.

YIELD

SOUTH AUSTRALIA



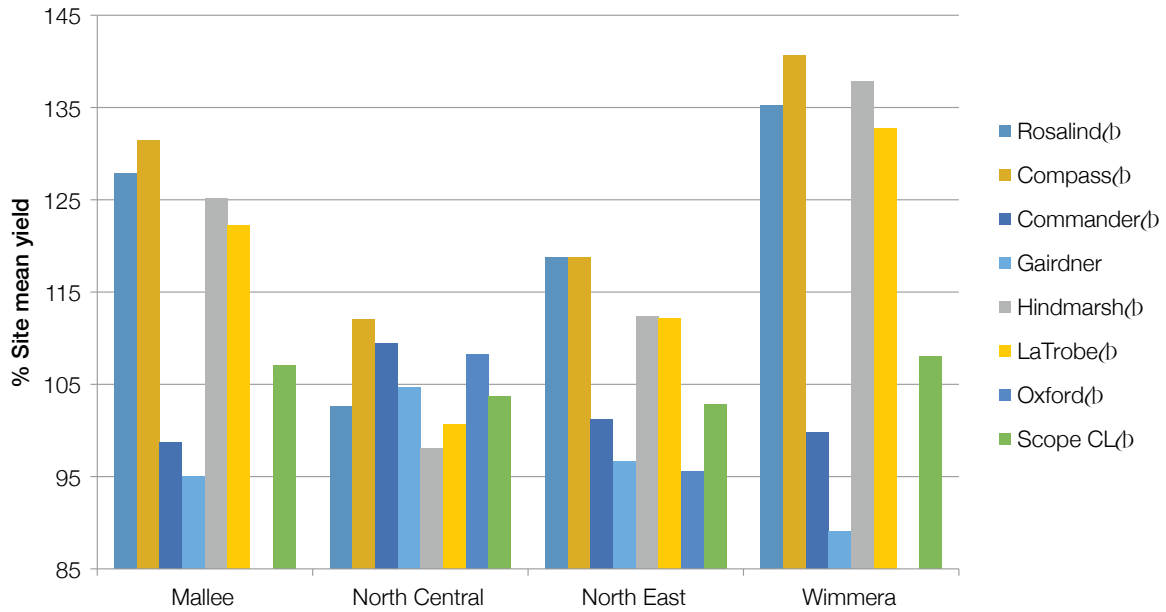
2012-15 SA NVT MET – variety performance; represented regionally as a % of site mean yield.



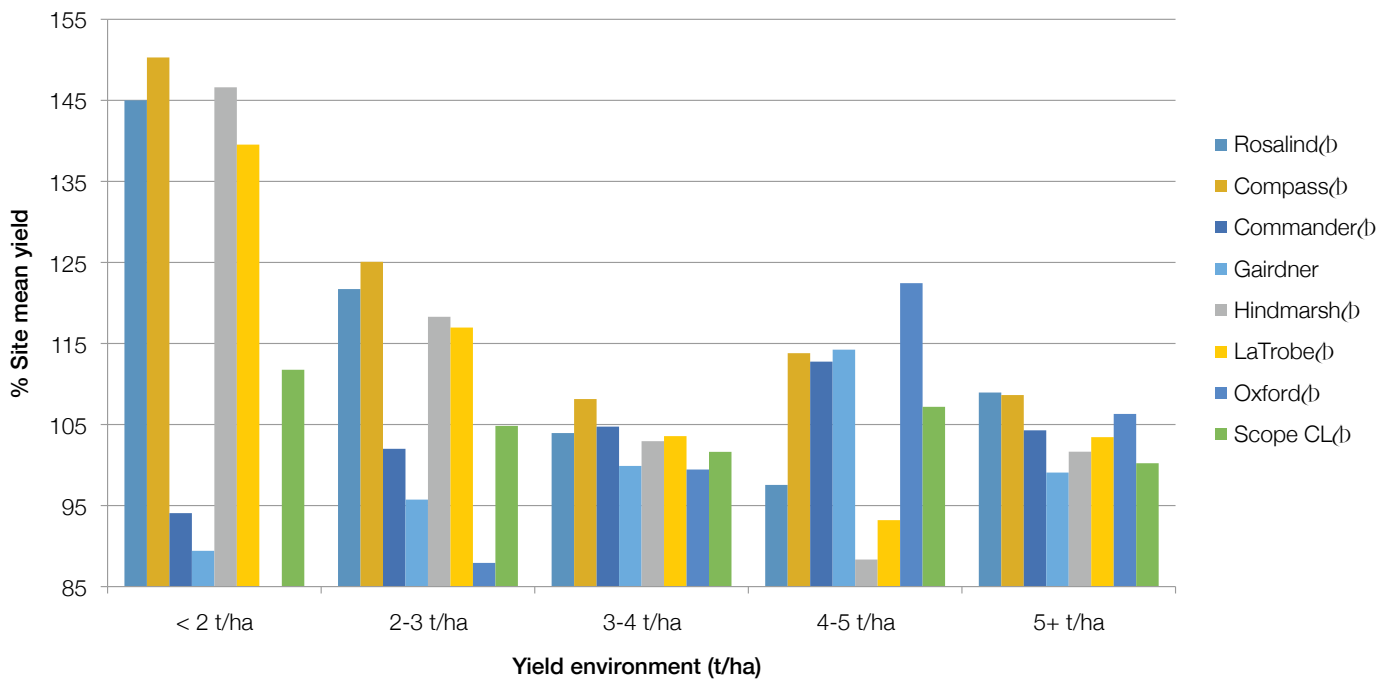
2012-15 SA NVT MET – variety performance; represented by yield environment as a % of site mean yield.

YIELD

VICTORIA

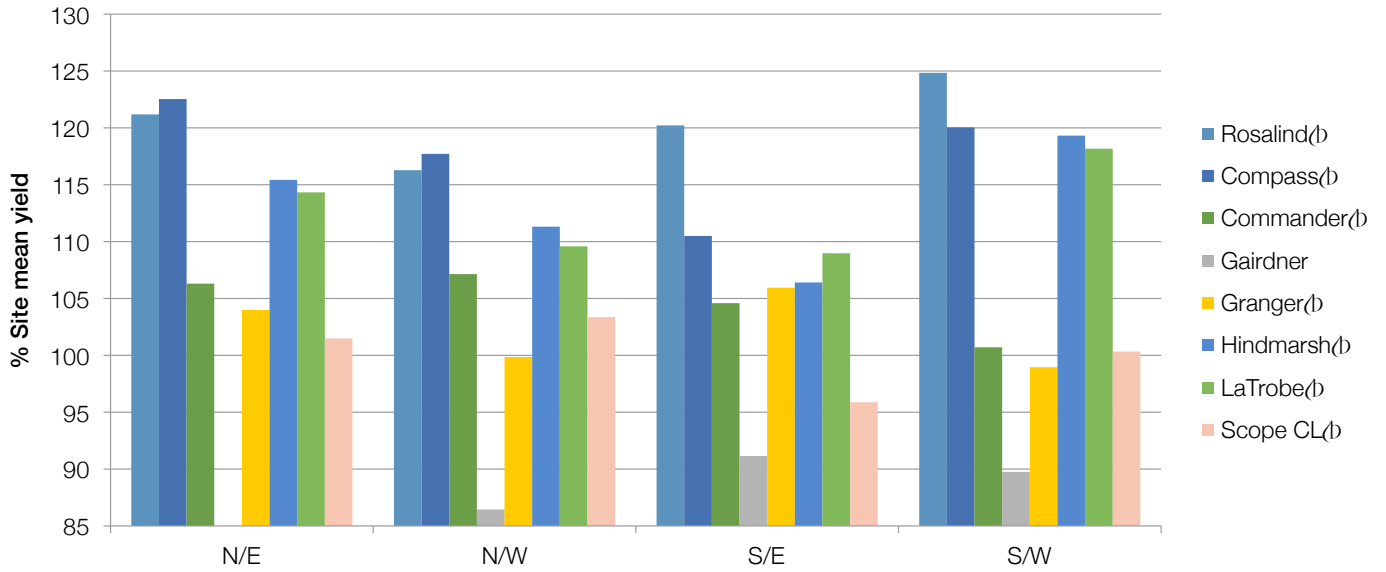


2014-15 Victorian NVT MET variety performance; represented regionally as a % of site mean yield.

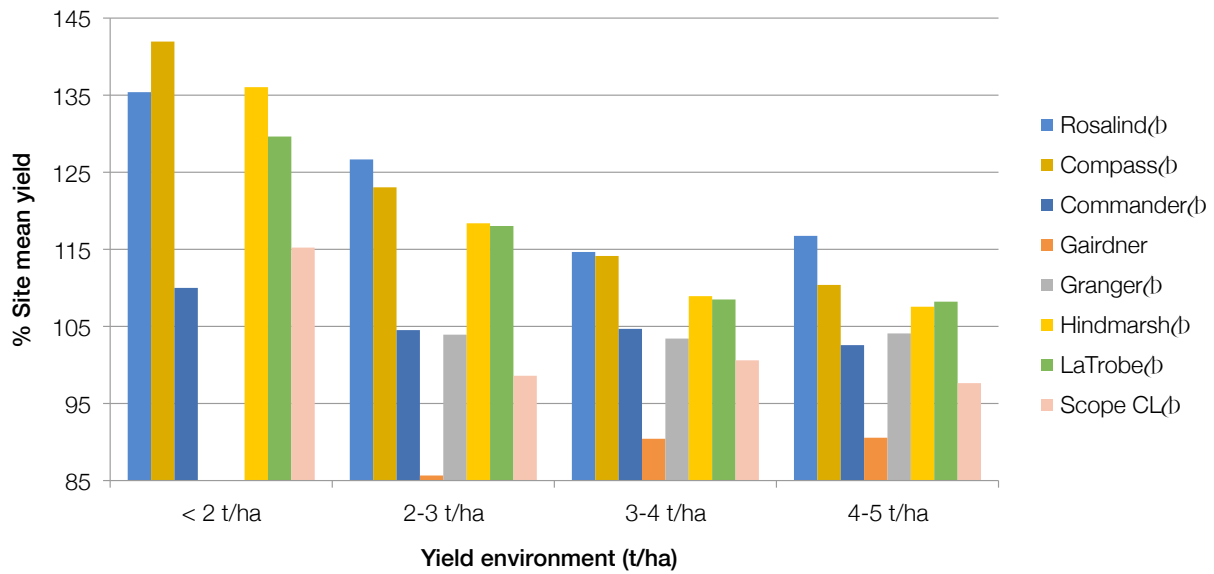


2014-15 Victorian NVT MET variety performance; represented by yield environment as a % of site mean yield.

NEW SOUTH WALES



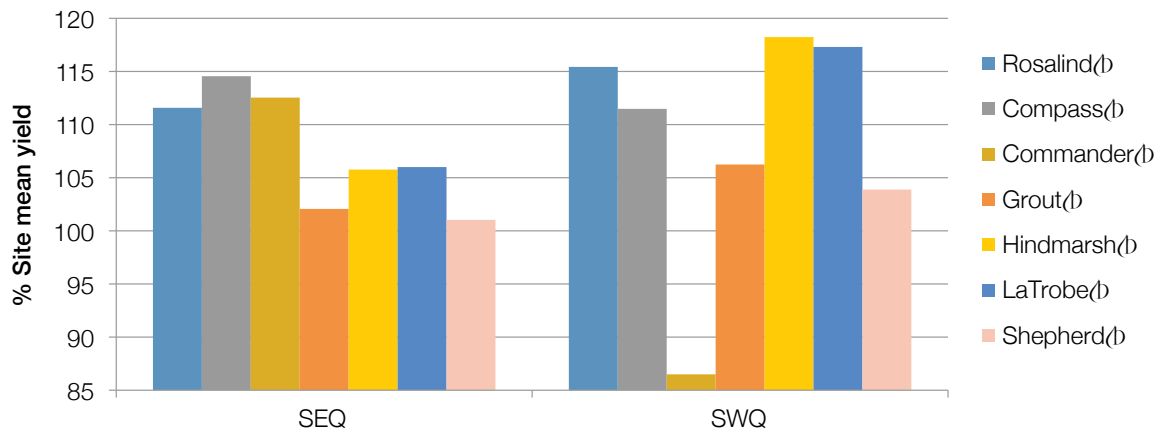
2014-15 NSW NVT MET variety performance; represented regionally as a % of site mean yield.



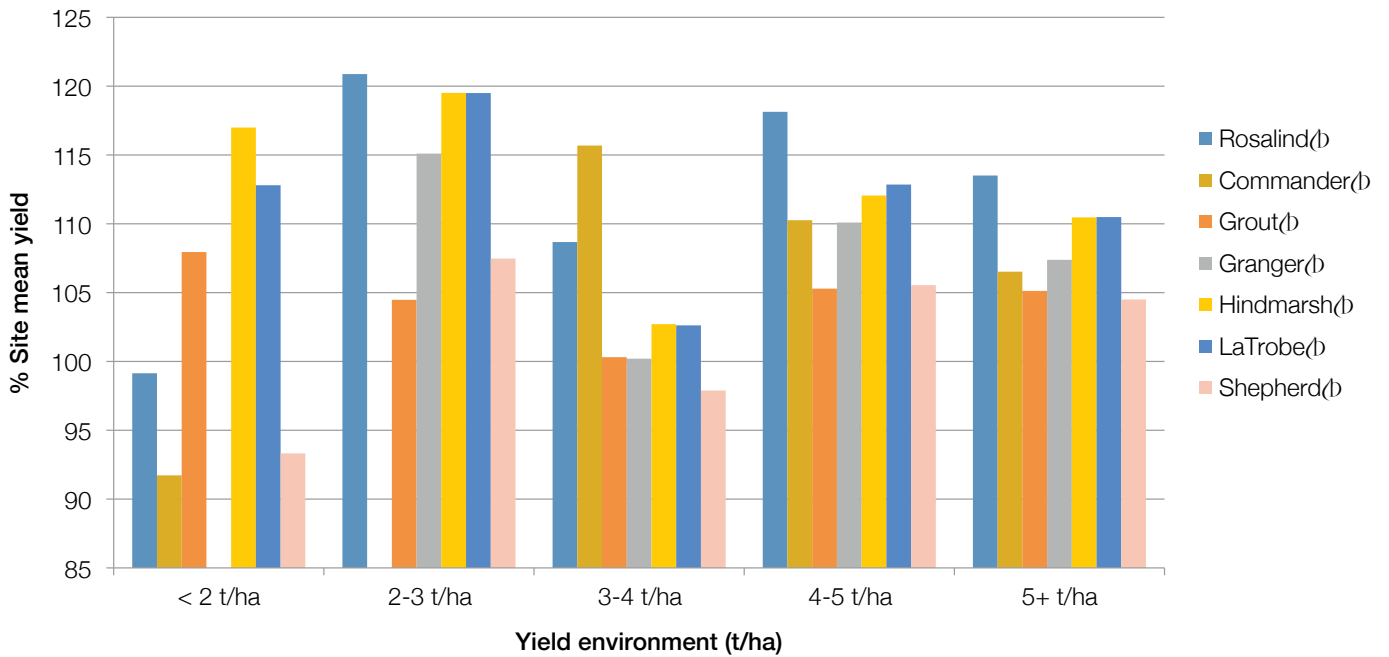
2014-15 NSW NVT MET variety performance; represented by yield environment as a % of site mean yield.

YIELD

QUEENSLAND



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

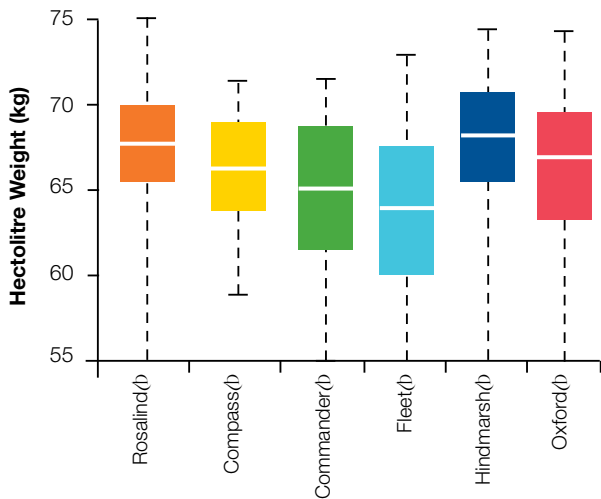


2014-15 Queensland NVT MET variety performance; represented by yield environment as a % of site mean yield.

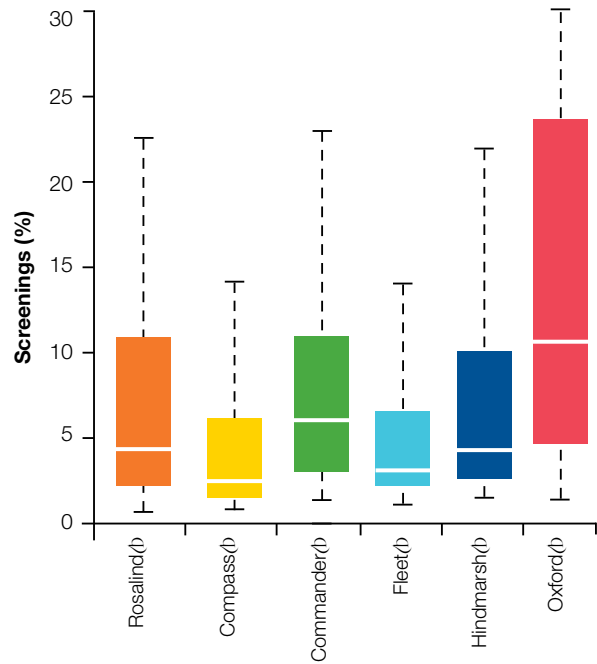
GRAIN QUALITY

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



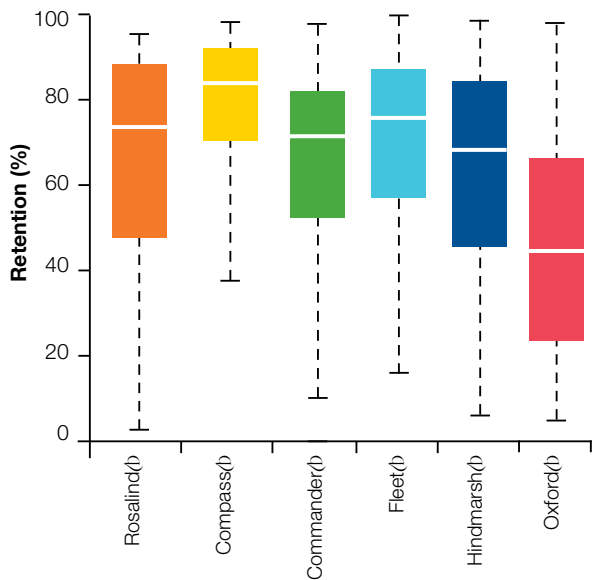
2014-15 National NVT Hectolitre weight (kg/hl)



2014-15 National NVT Screenings (%)

Grain Size

Rosalind(b) has good grain size, similar to Hindmarsh(b).



2014-15 National NVT Retention (%)





Rosalind^(b)

Barley

PLANT FEATURES

- ▶ Rosalind^(b) is an early flowering, mid-maturing feed barley.

- ▶ Rosalind^(b) has moderately good straw strength and head retention. This combined with a high level of pre-harvest sprouting tolerance will prove a definite advantage in seasons where there is above average harvest rainfall.

- ▶ Rosalind^(b) has a moderate plant height and an erect growth habit. The variety has good early vigour and provides effective early weed competition.

- ▶ Rosalind^(b) has a short coleoptile and sowing depth should be considered when planting this variety. It is recommended that VIBRANCE[®] be applied to the seed to minimise seed treatment impacts on coleoptile length and subsequent pre-emergent herbicide interaction. This treatment will provide greater sowing depth flexibility, and maximise early seedling vigour and emergence.

	Classification	Maturity	Coleoptile Length	Height	Head Loss	Lodging	Grain Plumpness
Buloke ^(b)	Malt	Moderately early	Short	Moderately Tall	MS	M	6
Baudin ^(b)	Malt	Mid-season	Medium	Short	MR	R	7
Commander ^(b)	Malt	Moderately early	Medium	Medium	M	M	8
Compass ^(b)	Potential Malt	Moderately early	Medium	Medium	M	M	8
Gairdner	Malt	Mid-late	Medium	Medium	MR	R	5
Granger ^(b)	Malt	Mid-late	Medium	Medium	MR	R	
Hindmarsh ^(b)	Food	Very early	Short	Short-moderately short	MR	R-MR	6
Rosalind ^(b)	Feed	Moderately early	Short	Moderately short	R	R	6-7
Spartacus CL ^(b)	Malt	Early	Short	Moderately short	R	R	6-7
La Trobe ^(b)	Malt	Early	Short	Short-moderately short	MR	R-MR	6
Scope CL ^(b)	Malt	Moderately early	Short	Moderately Tall	MS	M	6

2016 Victorian Winter Crop Summary. Coleoptile length source: 2016 DAFWA Barley Variety Guide, Rosalind^(b) and Spartacus CL^(b)
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 \$3.50 per metric tonne (GST exclusive), payable on all production excluding seed saved for future crops.

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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