

Beaufort High Yielding Mid Maturity Wheat

Key Features

- Mid season maturity, some 15 – 20 days quicker to flower than Revenue when planted in mid May and depending on climatic conditions. Similar maturity to Derrimut and 5 – 7 days quicker than Bolac.
- Very well adapted to regions that may experience a dry finish because of its earlier maturity and its ability to quicken its grain fill when growing conditions toughen.
- Good harvest index ie grain yield relative to total dry matter production, along with good water use efficiency (SFS Inverleigh 2008).
- Ideally suited to a mid May to mid June sowing. A later sowing window compared to Revenue.
- Ideally suited to medium to high rainfall growing areas of Victoria, South Australia, Tasmania and New South Wales.
- Exceptional grain yield under irrigation in the NSW Riverina, Northern NSW and Tasmania.
- Red grained, awnless, white chaffed type ideally suited to the feed industry.
- Excellent plant type with good early seedling vigour.
- Some grazing potential, being a semi prostrate vigorous plant type in its early vegetative stage, however not as suitable as Revenue for early grazing.
- Good resistance to a range of plant diseases – see table below.
- Good levels of Aluminium tolerance, so better suited than some varieties to acid soils.
- Semi dwarf wheat with good standability at harvest.
- Care needs to be taken at harvest to avoid grain shattering

Disease Ratings

Variety	Leaf Rust	Stripe Rust	Stem Rust	Septoria tritici	Crown Rot	Yellow Leaf Spot	BYDV
Beaufort	R – MR	R – MR	S*	MR	S	MS-S	S
Bolac	MS – S	R	MS	MS	N/A	MS – S	S
Revenue	R	R	R	MS	VS	MR-MS	S
Mackellar	S	MR	MR – MS	MR	MS	MS	R

Key: R = Resistant, MR = Moderate Resistance, MS = Moderately Susceptible, S = Susceptible, VS = Very Susceptible

*Interim results from 2009 screening.

Yield Comparison T/Ha

Variety	DPI Vic NVT Trials dryland *(Hamilton, Streatham, Inverleigh); **(Hamilton, Mininera, Teesdale); *** (Inverleigh, Mininera, Hamilton)			Kerang Irrigated – DPI	Southern Farming Systems Trials *(Inverleigh, Dunkeld); ** (Inverleigh, Mininera, Dunkeld sites); *** (Inverleigh)		
	2009*	2008 **	2007 ***		2007	2009*	2008**
Beaufort	6.18	5.87	6.59	7.64	7.66	3.72	5.46
Bolac	5.17	5.22	6.15	6.88	6.32	3.45	5.19
Chara		4.44	4.58	5.80	6.68	3.32	4.80
Derrimut	5.44				7.13	3.64	5.17
Mackellar	5.32	4.73	6.80	9.06	N/A	N/A	5.23

Plant Breeder Rights and Royalties

Beaufort has been bred by the French company C C Benoist and initially trialed in Australia by Longreach Plant Breeders. An EPR of \$3.00/tonne (GST exclusive) on all grain produced applies.

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