

Beaufort High Yielding Mid Maturity Wheat

Key Features

- Mid season maturity, some 10 – 15 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 (74% 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	MR	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

Yield Comparison T/Ha

Variety	DPI Vic NVT Trials dryland *(Hamilton, Mininera, Teesdale); **(Inverleigh, Mininera, Hamilton) *** (Hamilton, Teesdale, Streatham)			Kerang Irrigated – DPI	Southern Farming Systems Trials 2008 averaged over Inverleigh, Mininera, Dunkeld sites; 2007 Inverleigh		
	2008 *	2007 **	2006 ***		2007	2008	2007
Beaufort	5.87	6.59	3.07	7.64	3.72	5.46	N/A
Bolac	5.22	6.15	3.39	6.88	3.45	5.19	
Chara	4.44	4.58	3.08	5.80	3.32	4.80	
Derrimut					3.64	5.17	
Mackellar	4.73	6.80	2.83	9.06	N/A	5.23	

Plant Breeder Rights and Royalties

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