

Bilby

Milling oat

WA

Forages



400mm+



5.0–8.0



Most soil types



PBR

EPR: \$2.50/t + gst (TBC)

Milling approved: WA

Sowing rate: 60–70 kg/ha

Timing: Early to mid May

Bilby is a highly promising milling oat variety from the SARDI National Oat Breeding Program. It is early / mid season in maturity which will suit most traditional oat growing areas of Australia. It is dwarf in stature with excellent yield potential similar to Bannister and Williams. Bilby has excellent grain quality with high groat percent and high levels of B-glucan which is desirable for marketers.

Bilby can offer growers a high yielding variety with grain quality marketers require. It is approved for milling in Western Australia.

Key features

- High grain yield potential
- High B-glucan
- Bright grain colour

Key benefits

- Low screenings
- Excellent grain quality
- High groat percentage

Performance

Average Grain Yield (2014-18) NVT Data t/ha

Variety	NSW	SA	VIC	WA	All zones
Bilby	3.8	3.8	4.1	3.7	3.8
Kowari	3.6	3.6	3.8	3.4	3.6
Durack (tall)	3.3	3.2	3.4	3.1	3.2
Mitika	3.5	3.5	3.6	3.3	3.4
Williams (tall)	3.7	3.6	4.1	3.9	3.8
Bannister	3.8	3.8	4.3	3.9	3.9
Carrolup (tall)	3.5	3.2	3.4	3.3	3.3
Yallara (tall)	3.2	3.0	3.4	3.2	3.2

Data courtesy of National Oat Breeding Program, NVT programs in SA, VIC, NSW and WA – Analysis by Chris Lisle CBB.

Average Grain Yield (2014-18) NVT Data t/ha

Variety	Western Australia				
	Agzone 2	Agzone 3	Agzone 4	Agzone 5	Agzone 6
Bilby	3.8	3.7	3.2	3.3	4.3
Kowari	3.5	3.5	3.0	3.0	3.8
Durack (tall)	3.2	3.3	2.6	2.6	3.1
Mitika	3.4	3.4	2.9	2.8	3.6
Williams (tall)	3.9	4.1	3.1	3.4	4.5
Bannister	4.0	4.1	3.4	3.5	4.5
Carrolup (tall)	3.3	3.5	2.8	2.8	3.4
Yallara (tall)	3.2	3.5	2.7	2.6	3.0

Performance

Quality Specifications (Combined SA, VIC, NSW & WA Data 2014 - 2018)

Variety	Hectolitre weight kg/hl	1000g Grain weight	Screenings % < 2mm	NIR Protein %	NIR Oil %	NIR Groat %	Hull Lignin
Bilby	47.9	37.2	6.7	11.7	6.5	73.6	High
Kowari	49.8	36.1	5.5	12.1	7.3	73.7	Low
Durack (tall)	48.5	34.7	6.3	12.3	7.2	72.8	High
Mitika	50.4	37.1	4.3	11.9	7.3	73.2	Low
Williams (tall)	51.0	34.3	9.4	10.9	7.4	70.8	High
Bannister	49.5	35.7	7.5	10.7	8.0	72.2	High
Carrolup (tall)	47.7	35.0	7.9	11.8	6.5	73.2	High
Yallara (tall)	49.6	34.9	5.4	10.9	5.8	74.2	High

Disease & pest resistance

Variety	Western Australia			
	Stem rust field	Leaf rust field	BYDV	Septoria
Bilby	MS-VS	R	MR-MS	S
Kowari	MR-MS	R	MS	S-VS
Durack (tall)	MS	R-S	MS-S	S-VS
Mitika	MR-MS	MR	S	S-VS
Williams (tall)	MR	R-MR	MR-MS	MR-MS
Bannister	R-MS	R	MR-MS	S
Carrolup (tall)	MS-S	S-VS	MS-S	S-VS
Yallara (tall)	MR-MS	R-MS	MS	S

Disease reactions from field trials conducted in WA where R = resistant, MR = moderately resistant, MS = moderately susceptible, S = susceptible, VS = very susceptible. Rust reactions may vary in different regions depending on the prevailing pathotypes.

Variety	Bacterial blight	Red leather leaf	CCN R	CCN T
Bilby	MS	S	S	-
Kowari	MR	S	VS	I
Durack (tall)	MR-S	MS	R	MI-MT
Mitika	MR	MS-S	VS	I
Williams (tall)	R	MS	S	I
Bannister	MR-S	MS	R	MI
Carrolup (tall)	MR-S	S	S	I
Yallara (tall)	MR-MS	MS	R	I

Disease reactions where R = resistant, MR = moderately resistant, MS = moderately susceptible, S = susceptible, VS = very susceptible, T = tolerant, MT = moderately tolerant, I = intolerant

Grow with Confidence



Department of Primary Industries and Regional Development

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