

# Fact Sheet

## Bilby Oats

WA

### Milling Oat



Rainfall – 400mm +



pH 5.0 – 8.0



Soil Types – Most



PBR

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

Milling Approved (WA)

Sowing rate – 60-70 kg p/h

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

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

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

# 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



Department of  
Primary Industries and  
Regional Development

Plant Breeders Rights (PBR): This variety is registered under Plant Breeders Rights (PBR) in Australia. Unauthorised commercial propagation or any sale, conditioning, export, import or stocking of propagating material is an infringement under the Plant Breeders Rights Act (1994). Any breach of this legislation will leave the grower liable for prosecution.

Disclaimer: The information presented in this brochure is from official and other sources and is considered to be reliable. It is provided in good faith and every care has been taken to ensure its accuracy. Barenbrug does not accept any responsibility for the consequences that may arise from the acceptance of recommendations or the suggestions made.



**GROW WITH  
CONFIDENCE**

**INSIST ON THE  
YELLOW BAG**

**Seed Available via your local Heritage Broadacre Agent or  
Contact Heritage Seeds on 1800 007 333 [heritageseeds.com.au](http://heritageseeds.com.au)**

**Heritage Broadacre Agents:**

**Melchiorre Seeds, Narrogin 08 9881 1155**

**Australian Seed And Grain, Moora 08 9651 1069**

**Eastern District Seed Cleaners, Kellerberrin 08 9045 4036**

**Heritageseeds**