

DURACK OATS



350mm+



5.0-8.0



Most Soil Types



PBR



\$2.30/t + gst (TBC)

- Potential milling variety
- Dual purpose Hay / Grain potential

KEY FEATURES

- Maturity – Early maturing (minimum 1 week earlier than Carrolup, Williams & Bannister)
- Excellent grain quality with low screenings and high groat percentage
- Establishment – Very good early vigour
- Resistant to CCN R

ADVANTAGES

- Widely adaptable – suited to mid to low rainfall areas
- Stands tall – Good lodging resistance
- Competitive yield similar to Carrolup and Yallara

BENEFITS

- Bred and selected to give growers in non traditional, lower rainfall regions a suitable option
- Retains excellent grain quality even in a tough finish
- Offer growers in medium to high rainfall zones a good option in case of a late break



DESCRIPTION

Durack Oats (trials as WA02Q302-9) is a moderately tall variety similar in height to Carrolup and Yallara measuring between 80 and 90cm. It is a short season variety (7 to 10 days earlier in maturity) than Carrolup, Williams or Bannister which makes it suitable to low to medium rainfall areas and late planting in high rainfall zones. Durack Oats has good lodging and shattering resistance and good early vigour. Grain yield is similar to other tall varieties like Carrolup and Yallara across all states and an improvement compared to tall varieties bred for hay. Overall grain quality is excellent with good hectolitre weight and protein.

ESTABLISHMENT

The recommended planting rate for Durack Oats is 60-70kg per hectare. Sowing rates are related to the end use targeted and expected rainfall. For hay production rates should be increased. Ideal sowing time varies from region to region with early to mid May being the standard. The variety will offer growers an option for later plantings for weed control or late breaks in the traditional oat growing areas.

PERFORMANCE

Variety	Western Australia – 2010 – 2014 NVT Average Grain Yield t/ha			
	Agzone 2	Agzone 3	Agzone 4	Agzone 6
Durack (tall)	3.2	3.1	1.4	2.4
Bannister	3.7	3.6	1.8	2.6
Carrolup (tall)	3.1	3.0	1.6	2.3
Echidna	3.2	3.1	1.6	2.3
Mitika	3.4	3.2	1.5	2.5
Possum	3.4	3.3	1.6	2.5
Williams (tall)	3.7	3.7	1.7	2.5
Yallara (tall)	3.2	3.1	1.4	2.4

Variety	Average Hay Yield t/ha 2011-2014				
	New South Wales	South Australia	Victoria	Western Australia	All States
Durack (tall)	11.3	9.8	10.2	8	9.3
Bannister	11.5	10.4	10.2	9.9	10.2
Carrolup (tall)	11.6	9.9	10.5	8.8	9.7
Williams tall)	11.3	10.0	10.1	8.9	9.7
Yallara (tall)	12.3	10.7	10.5	9.5	10.3

Data courtesy National Oat Breeding Program.
Analysis by Chris Lisle, SAGI.

Quality Specifications						
Variety	Hectolitre Weight kg/hl	1000g grain weight g	Screenings % <2 mm	NIR Protein %	NIR Oil %	NIR Groat %
Durack (tall)	51.9	35.2	10.0	12.5	7.2	72.7
Bannister	49.2	33.1	12	10.9	7.7	71.0
Carrolup (tall)	50.7	34.6	14.4	11.9	6.5	72.4
Echidna	48.2	32.2	12.5	11.1	7.5	70.8
Mitika	49.9	36.2	8.3	12.2	7.3	72.8
Possum	47.9	34.9	20.9	11.5	6.5	71.2
Williams (tall)	48.1	32.0	15.9	10.9	7.5	69.4
Yallara (tall)	50.2	34.6	8.9	10.8	5.6	74.7

2015 NVT	Western Australia - Grain Yield t/ha			
	Agzone 2	Agzone 3	Agzone 4	Agzone 6
Durack (tall)	3.09	3.04	2.13	3.40
Bannister	3.76	3.54	2.53	4.76
Carrolup (tall)	3.15	2.90	2.34	3.65
Kojonup	3.32	3.16	2.32	4.64
Mitika	3.32	3.16	2.39	4.57
Wandering	3.72	3.43	2.49	4.87
Williams (tall)	3.72	3.59	2.33	4.37
Yallara (tall)	3.18	3.12	2.07	2.79

HAY QUALITY

Average hay quality for twenty one oat varieties and three breeder's lines for trials conducted in three states during the period 2011 to 2015.

Variety	Digestibility (%dm)	WSC* (%dm)	ADF* (%dm)	NDF* (%dm)	Crude Protein (%dm)
Early – Mid Season Varieties					
Durack (tall)	61.7	24.6	32.2	53.1	8.1
Bannister	64.4	25.5	29.6	51.6	8.4
Carrolup (tall)	61.6	26.0	31.7	52.2	7.9
Wallaroo	62.7	25.6	31.7	52.7	8.0
Wandering	64.4	25.1	30.0	51.5	8.3
Williams (tall)	62.1	22.9	31.5	53.5	8.7
Wintaroo	62.1	24.6	32.3	53.3	7.9

Data courtesy National Oat Breeding Program.
Analysis by Luke Mazur & Chris Lisle, SAGI.

DISEASE & PEST RESISTANCE

Western Australia				
Variety	Stem rust Field	Leaf rust Field	BYDV Field	Septoria
Durack (tall)	MR-MS	R-S	MS-S	S-VS
Bannister	R-MR	R	MS	S
Carrolup (tall)	MS	S	MS	S-VS
Echidna	S	S	MS	S-VS
Mitika	MR-S	R	S	S-VS
Possum	MR-S	MR	S	S-VS
Williams tall	MR	R	MR-MS	MS
Yallara (tall)	MR-MS	R	MR-MS	MS-S



Durack Oats – sown on the 7th May at Kerang' (Picture courtesy Trevor Bray, Unigrain Pty Ltd)

SEED SUPPLY ENQUIRIES

Heritageseeds 
Broadacre Agent

- Australian Seed & Grains – Moora 08 9651 1069
- Eastern District Seed Cleaners – Kellerberrin 08 9045 4036
- Melchiorre Seeds – Narrogin 08 9881 1155

Western Australia - Territory Manager
Tim O'Dea: 0429 203 505



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