Milling oat guide

WA

GOLDIE$^{\Phi}$

A dual purpose oat that's just right

GOLDIE$^{\Phi}$ offers

- Highest yielding dual purpose oat, 6%* higher grain and hay yield than Bannister$^{\Phi}$
- Mid maturity, 4-7 days earlier to flower than Bannister$^{\Phi}$
- A strong grain quality package, including reduced screenings and high test weight compared to Bannister$^{\Phi}$
- Good CCN resistance (MR) and oat crown rust (RMR)
- A tall plant height and good panicle emergence even under tough conditions, similar to Carrolup, better than Bannister$^{\Phi}$

GOLDIE$^{\Phi}$ is available from Seedclub Members, resellers and farmer to farmer trade.

**based on 2021-25 WA NVT long-term main season % predicted yield performance, average of 2021-25 annual yield results*

Mid spring maturity

Excellent physical grain quality

Milling oat

Good hay yield and quality

MINNIE$^{\Phi}$

Short in stature, big in performance

MINNIE$^{\Phi}$ offers

- High yielding milling oat
- Mid maturity, similar to Goldie$^{\Phi}$
- Short-medium plant height with excellent lodging tolerance and harvest speed especially in high yielding situations
- Very low screenings with acceptable test weight
- A good disease profile including oat crown rust (RMR) and CCN (RMR).
- May not be suitable as a dual purpose grain and hay variety due to its short-medium stature.

MINNIE$^{\Phi}$ is available from Seedclub Members, resellers and farmer to farmer trade.

Mid spring maturity

Good physical grain quality

Milling oat

Short-Mid plant height

Plant features

	Goldie$^{\Phi}$	Minnie$^{\Phi}$	Bannister$^{\Phi}$	Carrolup	Koala$^{\Phi}$
Variety type	Milling/ dual purpose	Milling	Milling/ dual purpose	Milling/ dual purpose	Milling/ dual purposed
Maturity	Mid	Mid	Mid	Mid	Mid-slow
Plant height	Mid tall	Short-mid	Mid	Tall	-
Coleoptile + mesocotyl length	>120mm	>120mm	>120mm	>120mm	>120mm
Stem diameter	Moderately thin	-	Moderate	Moderate	-

Source: InterGrain Oat Breeding

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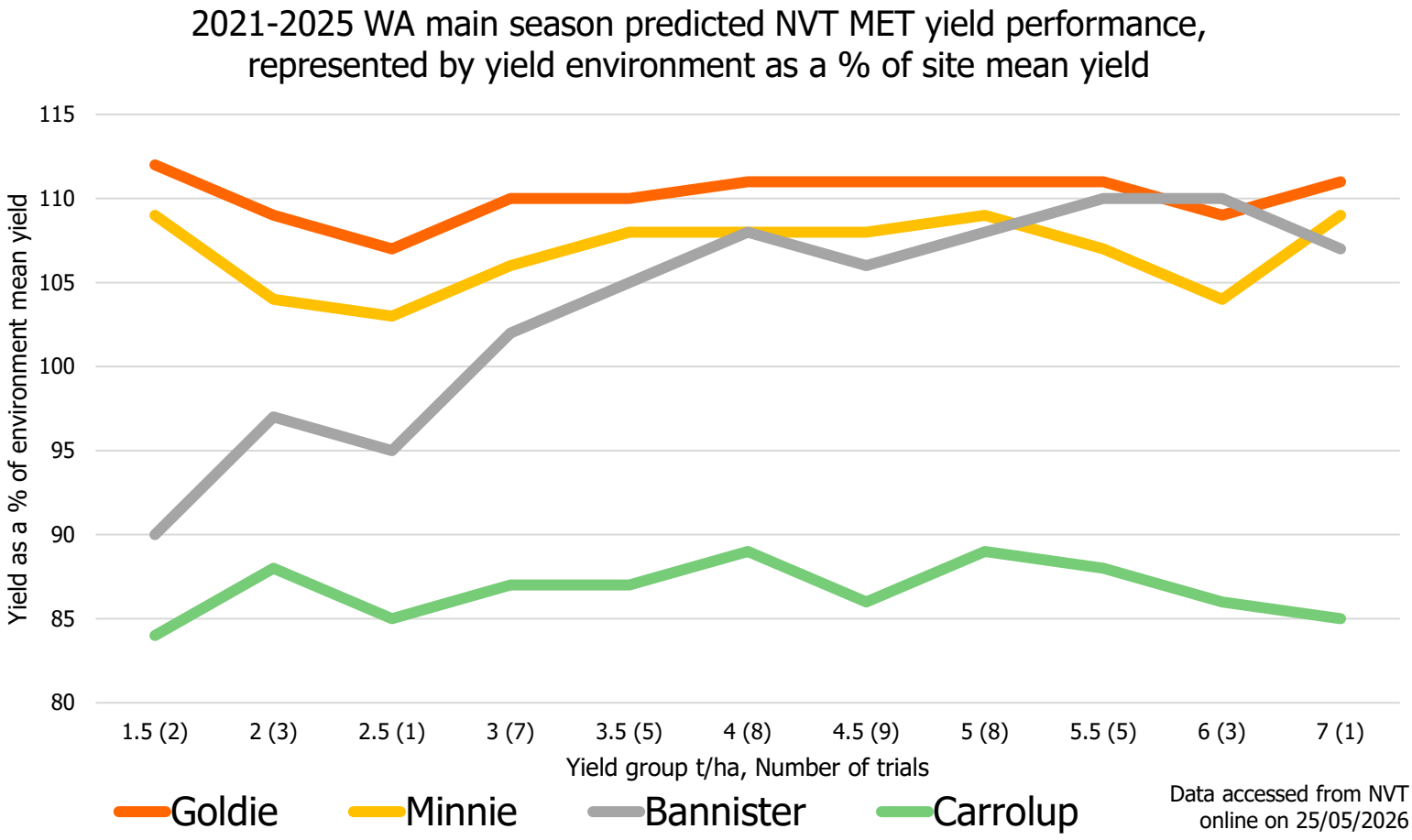
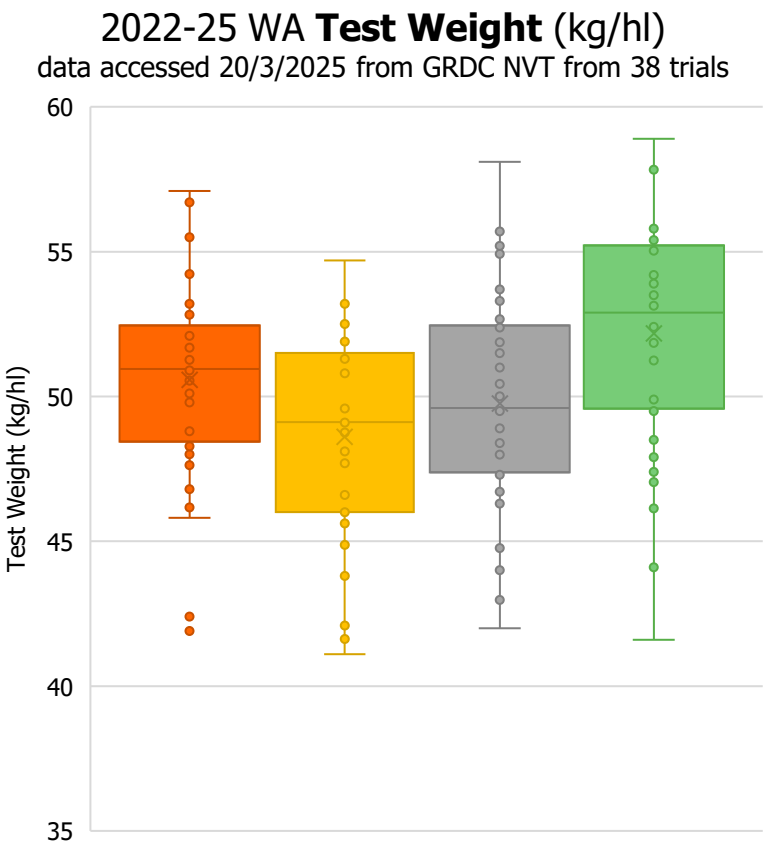
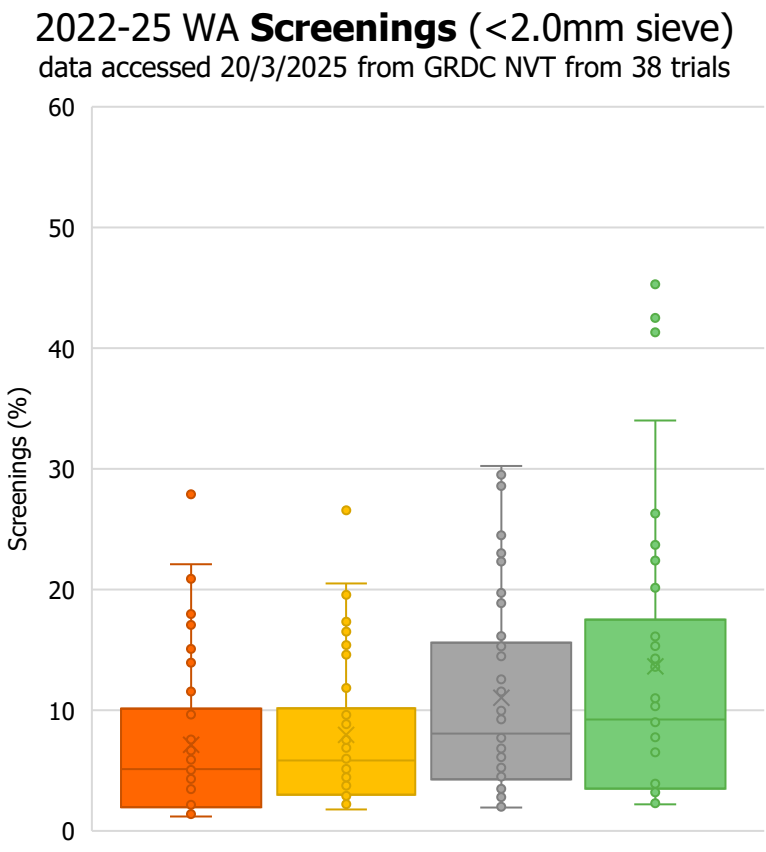
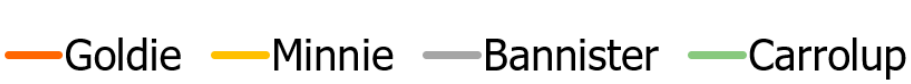
Yield performance – Western Australia



Grain quality







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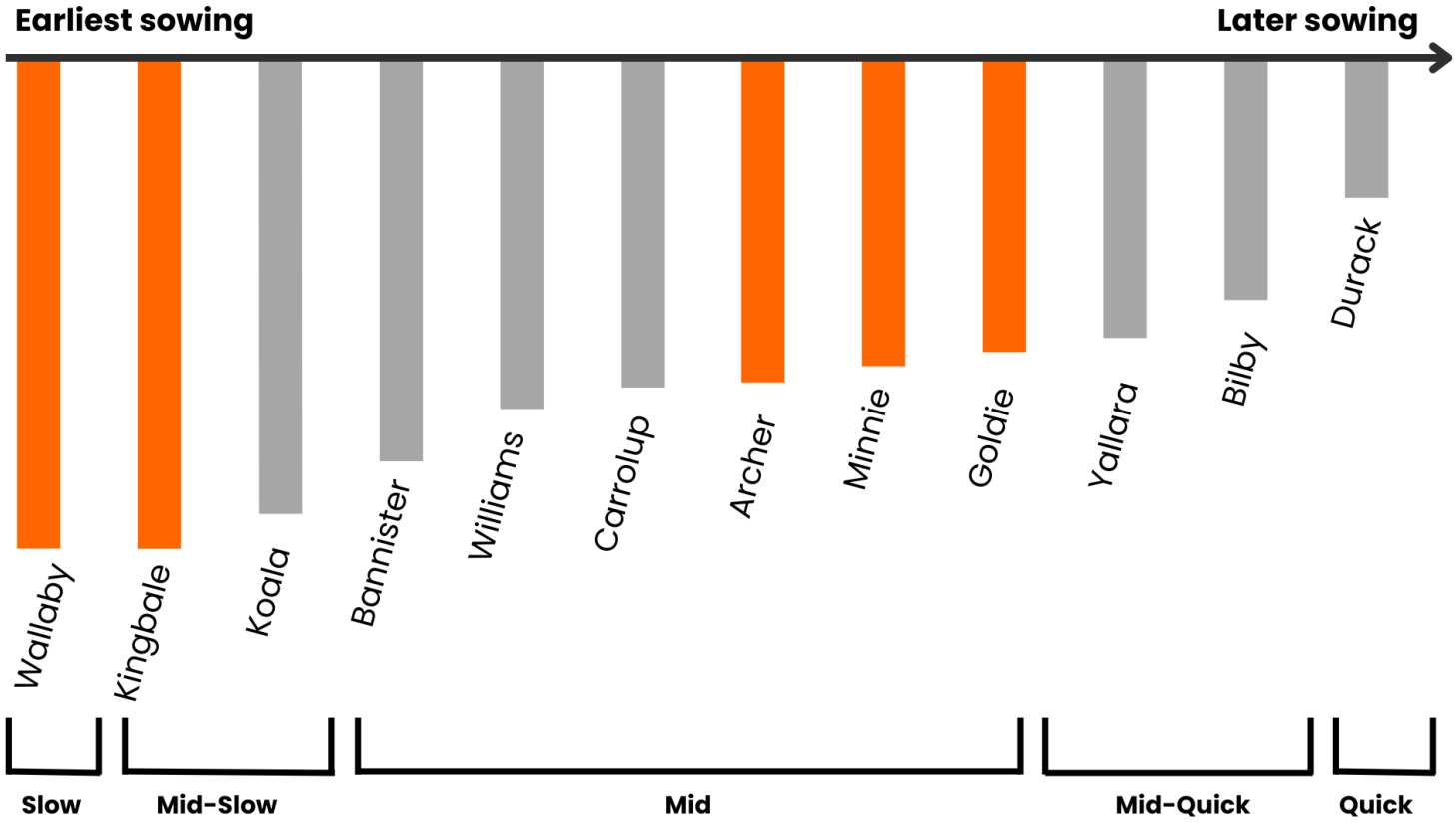
Maturity



Hay yield and quality performance

Given Goldie's dual-purpose capability, hay production data complements the grain performance profile and highlights its broader on-farm value.

	Hay Yield (t/ha)	NDF (% dm)	ADF (% dm)	NDFdom30	Crude Protein (% dm)	Digestability (% dm)	WSC (% dm)	Grain Yield (t/ha)
Goldie(ф)	10.8	53.5	32.0	50.4	6.8	64.4	24.6	5.2
Bannister(ф)	10.3	53.9	31.7	50.5	6.9	64.7	23.3	5.1
Brusher(ф)	10.4	54.1	32.6	49.1	6.9	63.6	23.6	3.9
Carrolup	10.1	54.1	33.1	47.6	7.0	62	22.7	4.2
Koala(ф)	10.2	53.6	32.1	49.4	6.9	64.6	22.5	5.0
Mulgara(ф)	10.3	54.2	33.0	49.7	6.5	63.3	24.0	3.9
Yallara(ф)	10.2	53.8	32.7	48.5	6.7	63.0	23.8	4.1

NDF = Neutral detergent fibre, ADF = Acid detergent fibre, WSC = Water-soluble carbohydrates, NDFDom30 = neutral detergent fibre digestibility after 30 hours
Source: 2018-2025 InterGrain national MET. Goldie(ф) only present in 2021-25, Koala only present 2022-25.

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Disease

	Goldie(ф)	Minnie(ф)	Bannister(ф)	Carrolup	Koala(ф)
Septoria blotch	MSS	S	MSS	S	MSS
Crown rust (West)	RMR	RMR	RMR	VS	MR
Stem rust	MSS	MSS	MS	MSS	MRMS
Barley and cereal yellow dwarf virus	MS	S	MSS	SVS	MSS
Bacterial blight	MSS	S	S	S	S
CCN resistance	MR	RMR	MRMS	VS	R
Red leather leaf	SVS	VS	SVS	SVS	S
P. neglectus resistance	MSp	MSp	MS	MR	MRMS
P. thornei resistance	MRMS	MR	MRMS	MRMS	MR
Stem nematode resistance	S	MS	MRMS	S	MS
Stem nematode tolerance	I	MI	MT	I	MT

Source: 2026 NVT Pathology consensus disease ratings. p= provisional rating, R = Resistant, RMR = Resistant to Moderately Resistant, MR = Moderately Resistant, MRMS = Moderately Resistant to Moderately Susceptible, MS = Moderately Susceptible, MSS = Moderately Susceptible to Susceptible, S = Susceptible, SVS = Susceptible to Very Susceptible, VS = Very Susceptible, T = Tolerant, T-MT = Tolerant – Moderately Tolerant, MT = Moderately Tolerant, MT-MI = Moderately Tolerant – Moderately Intolerant, MI = Moderately Intolerant, MI-I = Moderately Intolerant – Intolerant, I = Intolerant, I-VI = I Intolerant – Very Intolerant, IV = Very Intolerant

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PBR/EPR
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Sources
Disease source: 2026 NVT Disease Consensus Ratings. Agronomic characteristics source: InterGrain Breeding.
Yield sourcing: Yield performance has been sourced from NVT data and InterGrain long-term MET analysis.

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