Milling Oat guide

SA
VIC
NSW

GOLDIE$^{\Phi}$

A milling and oaten hay variety that's just right

GOLDIE$^{\Phi}$ offers:

- Highest yielding milling oat, 3-5%* 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
- Good CCN resistance (MR)
- A tall plant height and good panicle emergence even under tough conditions, compared to Bannister$^{\Phi}$
- Good hay yield and quality attributes

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

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 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

Excellent physical grain quality

Milling oat

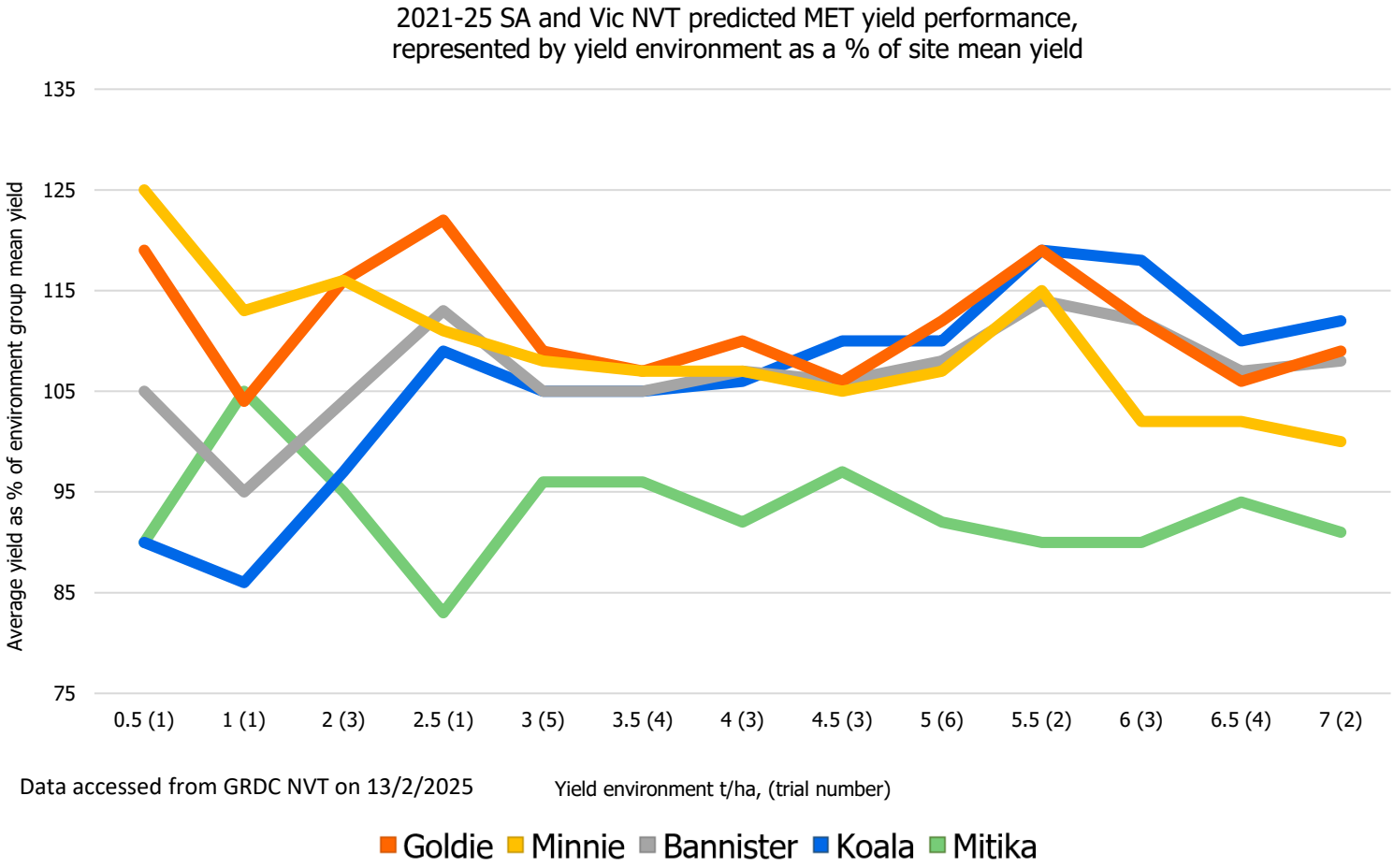
Short-mid plant height

Plant features

	Goldie$^{\Phi}$	Minnie$^{\Phi}$	Bannister$^{\Phi}$	Koala$^{\Phi}$	Mitika$^{\Phi}$
Variety type	Milling/ Oaten hay	Milling	Milling/ Oaten hay	Milling/ Oaten hay	Milling
Maturity	Mid	Mid	Mid-slow	Mid	Early-mid
Plant height	Mid-tall	Short-mid	Mid	Mid-tall	Mid
Coleoptile + mesocotyl length	>120mm	>120mm	>120mm	>120mm	>120mm
Stem diameter	Moderately thin	-	Moderate	-	-

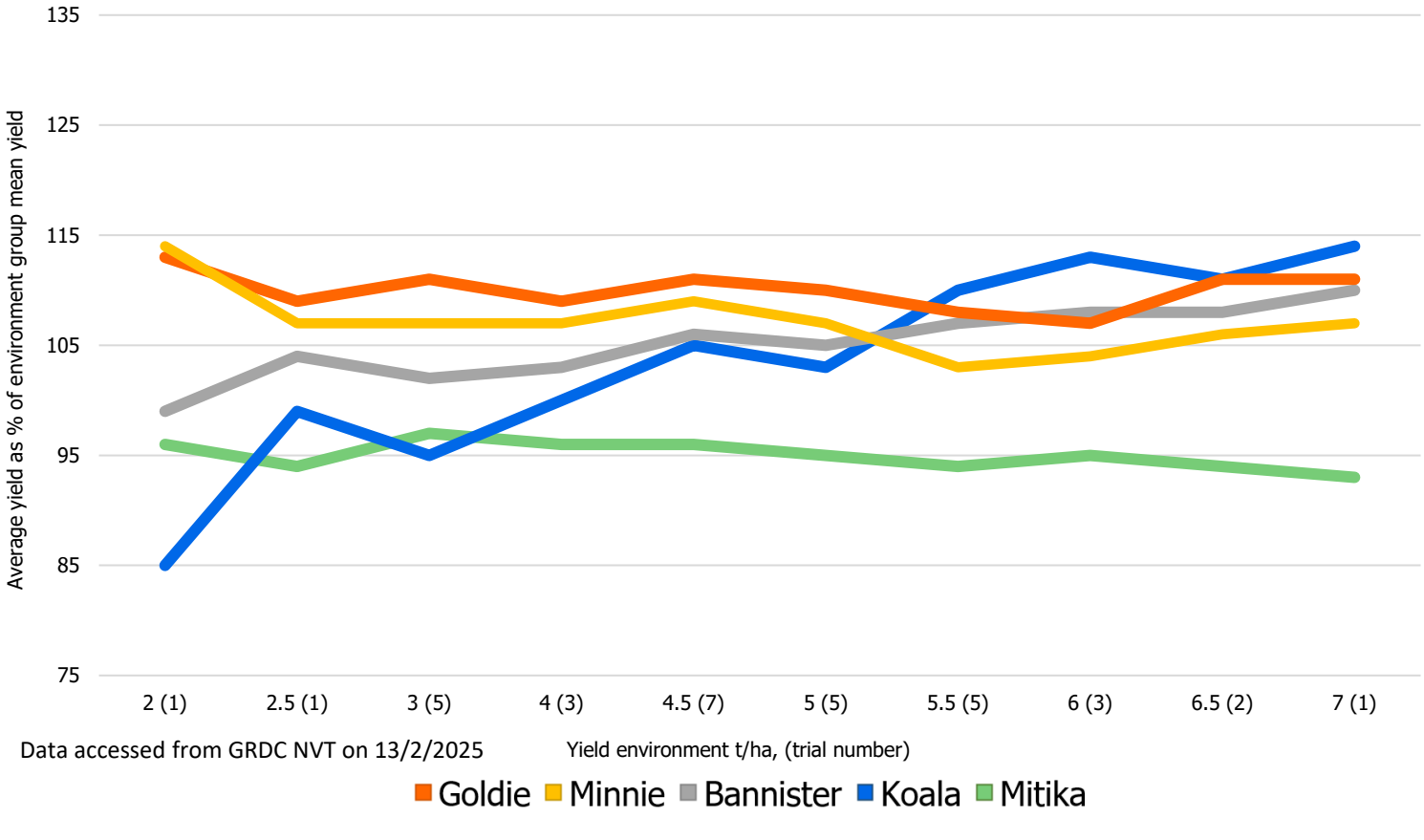
Source: InterGrain Oat Breeding

Yield performance – SA and Vic



Data accessed from GRDC NVT on 13/2/2025

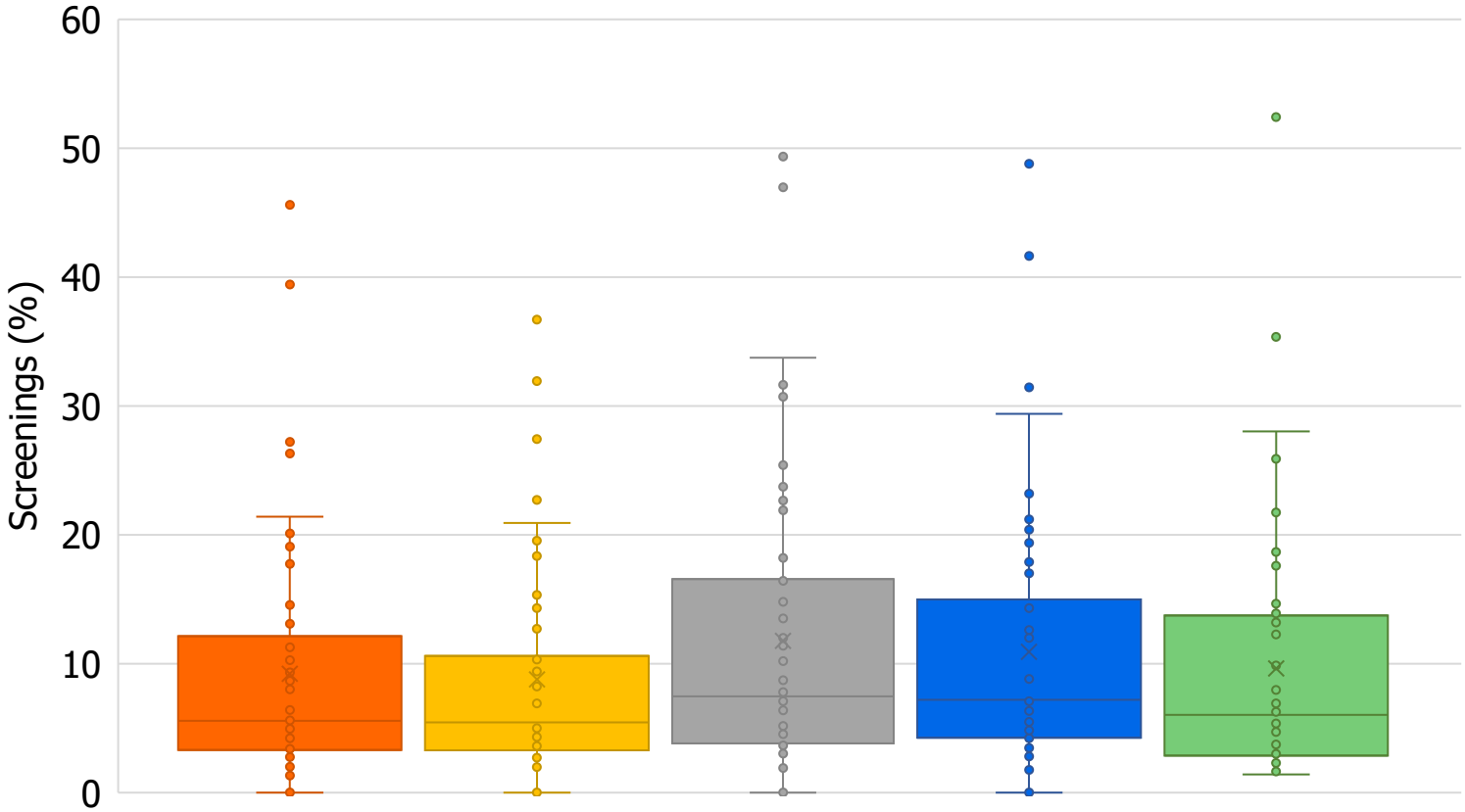
Yield performance – southern NSW



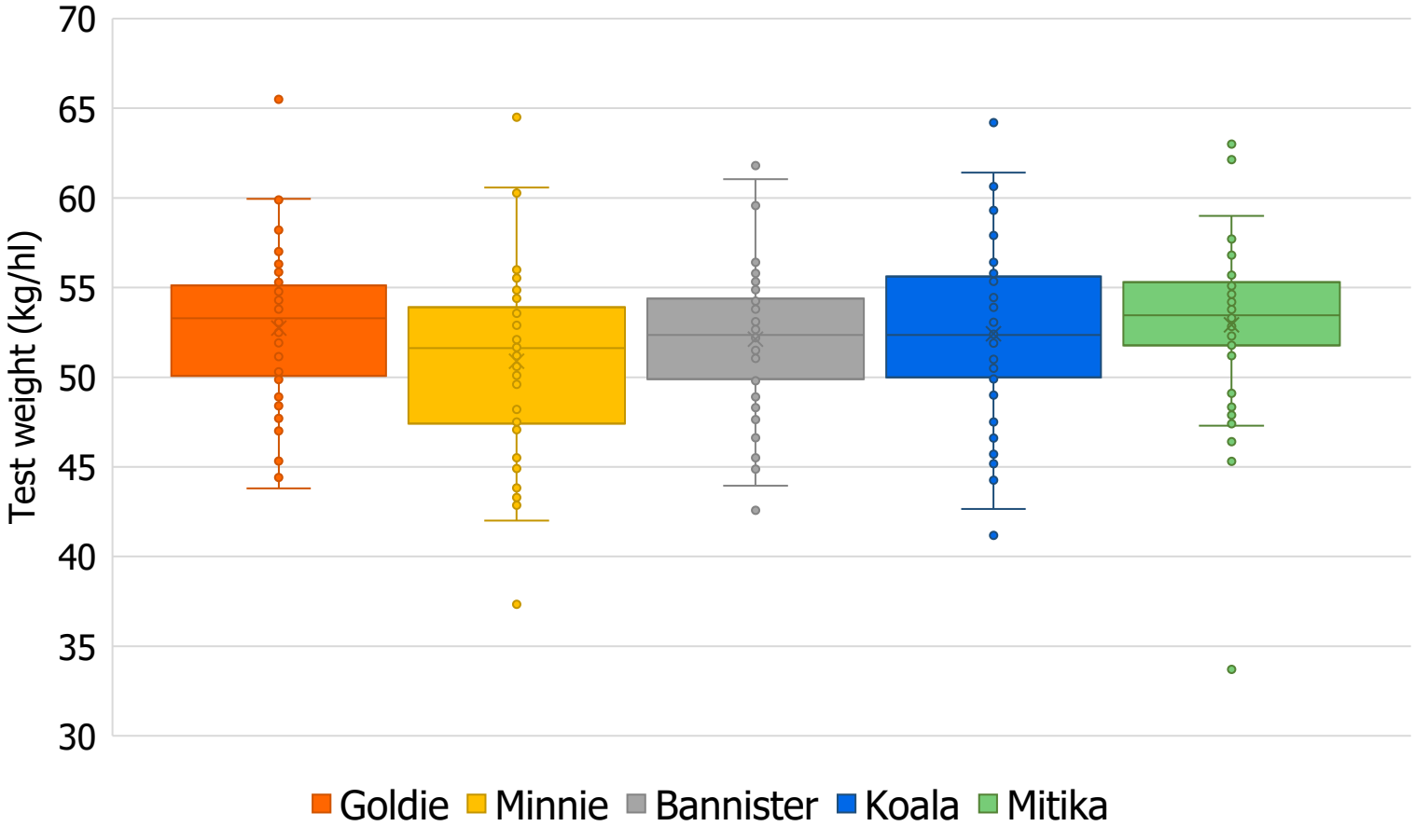
Data accessed from GRDC NVT on 13/2/2025

Grain quality

2022-25 National NVT **screenings** (%) (<2.0mm sieve)
data accessed 25/05/2026 from GRDC NVT from 56 trials



2022-25 National NVT **test weight** (kg/hl)
data accessed 25/05/2026 from GRDC NVT from 56 trials



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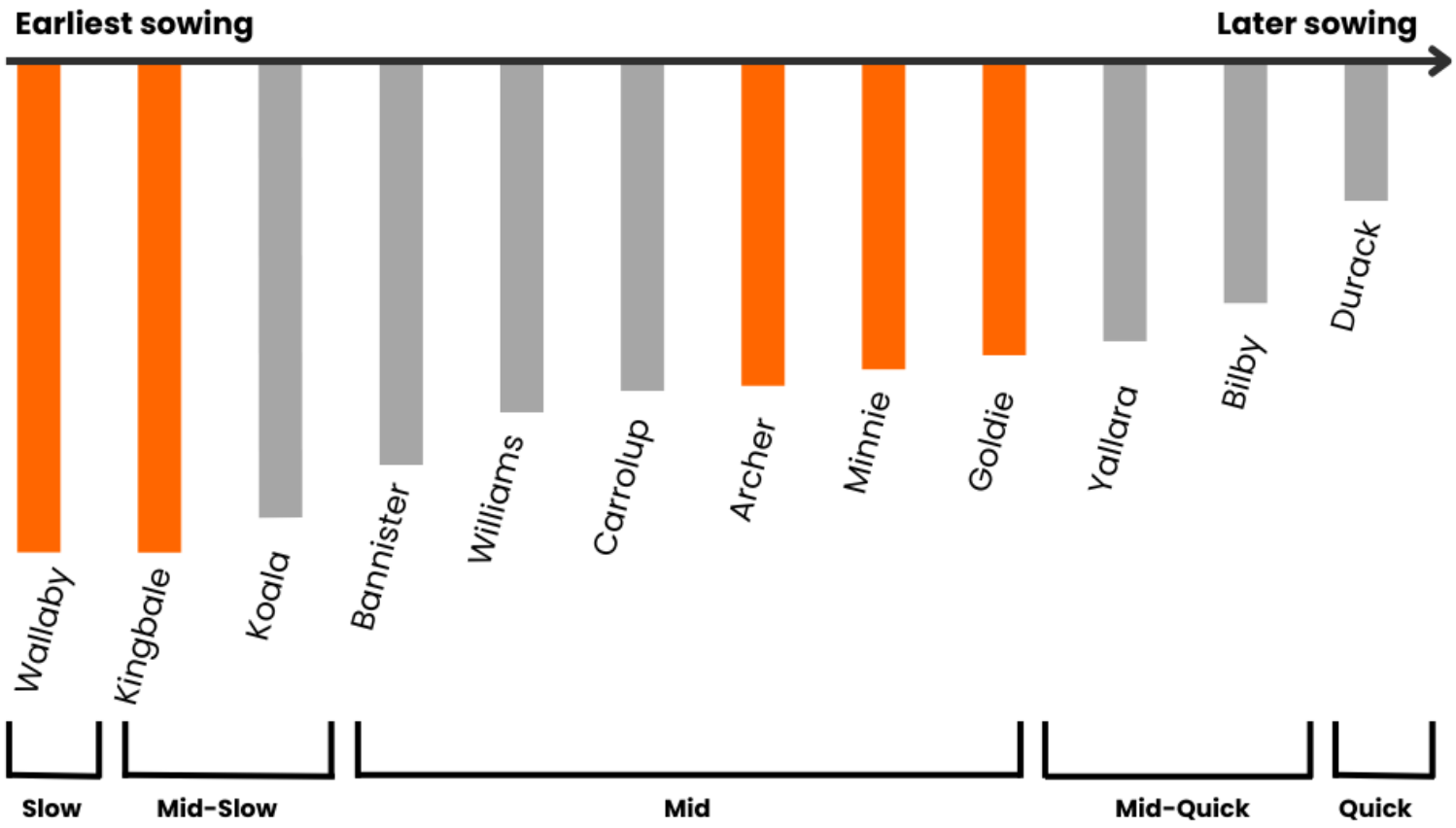
Maturity



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	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
Koala[ф]	10.2	53.6	32.1	49.4	6.9	64.6	22.5	5
Mulgara[ф]	10.3	54.2	33	49.7	6.5	63.3	24	3.9
Yallara[ф]	10.2	53.8	32.7	48.5	6.7	63	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(Þ)	Minnie(Þ)	Bannister(Þ)	Koala(Þ)	Mitika(Þ)
Septoria blotch	MSS	S	MSS	MSS	SVS
Crown rust (East)	S	SVS	S	MSS	S
Stem rust	S	SVS	S	MS	S
Barley and cereal yellow dwarf virus	MS	S	MSS	MSS	SVS
Bacterial blight	MSS	S	S	S	S
CCN	MR	RMR	MRMS	R	VS
Red leather leaf	SVS	VS	SVS	S	S
P. neglectus resistance	MSp	MSp	MS	MRMS	MSp
P. thornei resistance	MRMS	MR	MRMS	MR	MS
Stem nematode resistance	S	MS	MRMS	MS	S
Stem nematode tolerance	I	MI	MT	MT	MT

Source: 2026 NVT 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 Ratings. Agronomic characteristics source: InterGrain Breeding.
Yield sourcing: Yield performance has been sourced from NVT data and InterGrain long-term MET analysis.

GRDC NATIONAL VARIETY TRIALS™