Hay Oat Guide

WA

ARCHER$^{\Phi}$

ARCHER$^{\Phi}$ offers

- Single gene IMI tolerant hay variety, an ideal variety for use where there are IMI residue concerns from previous crops.
- Mid-maturity with a mid-tall plant height.
- Moderate stem diameter. Seeding density should be managed to ensure stem diameter does not get too thick and reduce water soluble carbohydrate.
- A good disease profile including excellent resistance to oat leaf (crown) rust.

imiCrops®

KINGBALE$^{\Phi}$

KINGBALE$^{\Phi}$ offers

- A single gene IMI tolerant oaten hay variety, an ideal variety for use where there are IMI residue concerns from previous crops.
- Mid-slow maturing and tall variety with good early vigour.
- Excellent CCN resistance (R), useful in paddocks with a tight hay rotation.

imiCrops®

GOLDIE$^{\Phi}$

GOLDIE$^{\Phi}$ offers

- Mid maturity, 4-7 days earlier to flower than Bannister$^{\Phi}$
- A strong hay yield and hay quality as well as strong grain yield and quality package.
- Good CCN resistance (MR) and oat leaf (crown) rust (RMR)
- A tall plant height and good panicle emergence even under tough conditions, similar to Carrolup, better than Bannister$^{\Phi}$

WALLABY$^{\Phi}$

WALLABY$^{\Phi}$ offers

- A mid-slow maturing oaten hay variety for April sowing, approximately 7-10 days slower than Bannister$^{\Phi}$.
- Market leading quality attributes including good digestibility and high water-soluble carbohydrate levels.
- Medium to tall plant height and suited to medium and high rainfall zones.
- Good CCN resistance.

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Hay yield and quality performance

	Hay Yield (t/ha)	NDF (% dm)	ADF (% dm)	NDFdom30	Crude Protein (% dm)	Digestability (% dm)	WSC (% dm)	Grain Yield (t/ha)
Archerф	10.5	54.7	33.1	49.3	7.2	62.3	21.4	5.0
Kingbaleф	10.7	55.2	34.1	48.3	6.3	62.0	22.7	3.9
Goldieф	10.8`	53.5	32.0	50.4	6.8	64.4	24.6	5.2
Wallabyф	10.6	53.4	31.7	50.8	6.7	65.4	25.1	4.6
Bannisterф	10.3	53.9	31.7	50.5	6.9	64.7	23.3	5.1
Brusherф	10.4	54.1	32.6	49.1	6.9	63.6	23.6	3.9
Carrolupф	10.1	54.1	33.1	47.6	7.0	62.0	22.7	4.2
Durackф	9.8	54.6	33.1	48.4	6.9	62.0	22.4	4.2
Mulgaraф	10.3	54.2	33.0	49.7	6.5	63.3	24.0	3.9

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. Goldieф only present in 2021-25.

Disease

	Archerф	Kingbaleф	Goldieф	Wallabyф
Septoria blotch	MSS	MS	MSS	MSS
Leaf (crown rust) (West)	MR	S	RMR	RMR
Stem rust	MSS	MS	MSS	MS
Barley and cereal yellow dwarf virus	MSS	MS	MS	MS
Bacterial blight	MSS	MSS	MSS	S
CCN	VS	R	MR	MR
Red leather leaf	SVS	SVS	SVS	SVS
P. neglectus resistance	MSp	MRMS	MSp	MRMS
P. thornei resistance	MRMS	MRMS	MRMS	MS
Stem nematode resistance	VSp	MR	S	S
Stem nematode yolerance	I	MT	I	MI

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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Disease

	Archer(ф)	Wallaby(ф)	Kingbale(ф)	Goldie(ф)
Variety type	Hay	Hay	Hay	Milling/ dual purpose
Maturity	Mid	Mid-slow	Mid-slow	Mid
Plant height	Mid-tall	Mid-tall	tall	Mid-tall
Coleoptile + mesocotyl length	>120mm	>120mm	>120mm	>120mm
Stem diameter	Moderate	Moderate-fine	Moderate-fine	Moderate-fine

Source: InterGrain Oat Breeding

IMI Oat Stewardship

KINGBALE(ф) and ARCHER(ф) are single gene IMI tolerant oaten hay varieties. Sentry® is registered for incorporation by seeding (IBS) for hay, forage, seed and grain (domestic feed market only) production.

Please note that excess grain, seed and screenings produced from KINGBALE(ф) and ACRHER(ф) can only be used within domestic oaten grain feed markets and/or consumed on-farm. Grain of these varieties cannot be delivered into export bulk handling supply chains.

KINGBALE(ф) and ARCHER(ф) are available through resellers, Seedclub Members Farmer-to-Farmer Trade is not permitted.

The original breeding work for KINGBALE(ф) and ACRHER(ф) was undertaken by Grains Innovation Australia (GIA). InterGrain is commercializing the varieties.

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WALLABY(ф) $3.00/tonne GST exclusive
GOLDIE(ф) $3.50/tonne GST exclusive

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Sources
Disease source: 2026 NVT Disease Consensus Ratings. Agronomic characteristics source: InterGrain Breeding.
Yield sourcing: InterGrain long-term MET analysis.