

Scotland's Rural College

Scottish Recommended Lists for Cereals 2024/25

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Print publication: 15/12/2023

Document Version

Publisher's PDF, also known as Version of record

[Link to publication](#)

Citation for published version (APA):

Hoad, SP. (2023). *Scottish Recommended Lists for Cereals 2024/25*. (W1 ed.) SRUC.

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Scottish Recommended Lists for Cereals 2024/25

Tables

Data are from AHDB Recommended List Trials, and BSPB and Scottish Government funded National List Trials



Scottish Recommended Lists for Cereals 2024/25

Spring barley Grain yield of 100 = 8.2 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Malting market options and MBC† approval			Screenings <2.5 mm (%)	Specific weight (kg/hl)	Maturity days +/- RGT Planet	Straw strength 1 to 9; weak to stiff (without PGR)	Straw length (cm) without PGR	Brackling risk 1 to 9; low to high	Disease resistance; 1 susceptible to 9 resistant	
					Dist.	Brew	Grain							Mildew	Rhynchosporium
2023	P2	Diviner	103	12	P	---	---	4.5	67.5	+1	[7]	68	8	[9]	4
2024	P1	Belter	103	9	T	T	---	2.5	67.7	+2	[7]	70	9	8	[6]
2024	P1	NOS Munro	103	11	T	---	---	6.5	65.7	+2	[7]	73	8	8	[5]
2020	R	Firefoxx	102	11	F	---	---	3.6	67.0	0	7	72	8	8	6
2023	P2	SY Tennyson	102	14	P	P	---	3.2	66.5	+2	[7]	72	7	[8]	5
2024	P1	Olsen	102	10	T	T	---	4.2	66.8	+2	[8]	72	8	8	[6]
2016	R	Laureate	100	9	F	F	---	3.2	67.2	+1	6	72	8	9	7
2018	R	LG Diablo	100	11	F	F	---	3.5	67.7	+3	7	73	8	8	6
2016	R	KWS Sassy	96	9	F	---	---	2.4	68.9	+1	6	80	6	8	6
2016	S	Fairing	90	9	---	---	F	2.7	68.8	-2	8	72	8	7	9
2024	P1	Bounty	105	14	---	T	---	4.3	65.7	+2	[8]	71	8	8	[7]
2023	P2	SY Signet	103	11	---	P	---	3.5	67.2	+2	[7]	73	8	[8]	5
2021	R	Skyway	101	11	---	F	---	2.3	69.3	0	7	77	8	8	7
2024	P1	NOS Gambit	101	9	---	T	---	2.0	67.5	+1	[8]	70	9	8	[6]
2015	O	RGT Planet	97	10	---	F	---	3.3	68.7	0	7	75	8	8	6
2023	P2	Hurler	104	13	---	---	---	4.3	66.2	+1	[9]	68	9	[8]	6
2023	P2	Florence ¹	102	10	---	---	---	3.1	68.1	0	[8]	70	9	[8]	5

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	† = Malting Barley Committee	F = MBC Full Approval	[] = AHDB limited data
P1 or P2 = Provisional Year 1 or 2	Dist. = Malt distilling	P = MBC Provisional Approval	¹ This variety is no longer listed by AHDB, but is retained on the Scottish List as a feed option
S = Specific use variety	Brew = Brewing	T = Under test for MBC approval	
O = Becoming outclassed	Grain = Grain distilling	--- = Not for this market	

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <https://ahdb.org.uk/rl>

Scottish Recommended Lists for Cereals 2024/25

Winter barley Grain yield of 100 = 10.5 t/ha

Light soils, yield = 9.7 t/ha

Heavy soils, yield = 9.4 t/ha

Year First Listed	Recommendation		Grain Yield as % of treated control	Yield loss (%) if untreated	Soil type: Yield as % of control		MBC† Malting Approval (Brewing)	Screenings <2.5 mm (%)	Specific Weight (kg/hl)	Maturity days +/- KWS Orwell	Straw Strength 1 to 9; weak to stiff (no PGR)	Straw length (cm) no PGR	Disease resistance; 1 susceptible to 9 resistant		
					Light soil	Heavy soil							Mildew	Rhynchosporium	Net Blotch
2024	P1	LG Capitol	[105]	17	[104]	[109]	---	5.2	69.9	0	[7]	[94]	6	6	5
2023	P2	LG Caravelle	104	16	103	106	---	4.5	71.4	0	[8]	93	7	6	6
2022	R	Lightning	103	13	103	103	---	5.4	68.8	-1	6	95	6	6	6
2023	P2	Bolivia	103	15	104	103	---	3.3	69.9	0	[8]	93	8	6	6
2021	R	KWS Tardis	103	18	102	106	---	5.2	70.1	0	8	97	5	6	6
2021	R	Bolton	101	17	103	104	---	4.8	69.3	0	8	95	6	5	5
2019	O	LG Mountain	101	17	102	101	---	5.7	70.7	-1	7	94	6	5	4
2023	P2	Buccaneer	100	12	98	98	P	6.4	69.6	+1	[7]	100	6	7	6
2016	S	Craft	93	13	94	93	F	6.8	69.9	0	8	99	6	6	5
2022	S	KWS Feeris ¹	100	18	101	102	---	5.6	69.2	0	8	102	5	6	6
2019	R	SY Kingsbarn	107	24	107	103	---	5.5	70.2	0	6	116	7	7	5
2021	R	SY Thunderbolt	107	19	106	105	---	7.2	70.2	-1	5	115	7	7	6
2021	R	SY Kingston	106	20	106	101	---	9.0	70.1	-1	6	120	7	7	6
2022	R	SY Canyon	106	15	107	102	---	6.2	71.1	-1	6	119	7	6	6
2024	P1	SY Buzzard ¹	[102]	21	[101]	[100]	---	13.1	69.0	-1	[8]	[115]	6	6	7

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	S = Specific use variety	F = MBC Full Approval	P = MBC Provisional Approval	[] = AHDB limited data
P1 or P2 = Provisional Year 1 or 2	† = Malting Barley Committee	--- = Not for this market	¹ Variety is believed to have tolerance to <i>Barley yellow dwarf virus</i> (BYDV)	
O = Becoming outclassed	BaYMV: All varieties listed are believed to have resistance to <i>Barley mild mosaic virus</i> (BaMMV) and <i>Barley yellow mosaic virus</i> (BaYMV) strain 1			

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <https://ahdb.org.uk/rl>

Scottish Recommended Lists for Cereals 2024/25

Winter wheat Grain yield of 100 = 11.3 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Use as a 2 nd cereal	Quality markets		Specific weight (kg/hl)	HFN (s)	Maturity days +/- Skyfall	Straw strength 1-9; weak to stiff		Straw length (cm) no PGR	Sprout -ing resistance	Disease resistance; 1 susceptible to 9 resistant				
						Distill- ing	UK Milling				without PGR	with PGR			Mildew	Yellow Rust	Septoria tritici	Eye- spot	Fus- arium
2022	R	RGT Stokes	103	18	Mod	Good	---	76.2	240	+3	5	7	92	[6]	6	7	6.0	4	6
2024	P1	Blackstone	[103]	16	Mod	Med	---	78.2	299	+2	8	7	92	*	[7]	9	6.2	5	[8]
2022	R	RGT Bairstow	102	18	Good	Good	---	76.6	224	+2	6	6	92	[6]	6	8	5.9	4	6
2023	P2	KWS Zealum	102	18	Good	Med	---	76.8	202	+2	6	7	90	[6]	7	9	6.1	5	7
2019	R	LG Skyscraper	101	19	Good	Med	---	77.1	204	0	6	6	93	6	7	7	4.9	5	6
2021	O	Swallow	100	20	Mod	Good	---	76.6	255	+1	8	9	80	[5]	6	7	5.1	4	6
2024	P1	Bamford	[105]	14	Good	Med	Biscuit	78.5	239	+1	7	7	90	*	[6]	7	6.7	6	[5]
2021	O	LG Illuminate	100	15	Mod	Med	Biscuit	77.0	251	+1	7	7	85	[6]	5	7	5.6	5	6
2022	O	KWS Brium	100	20	Mod	Med	Biscuit	78.0	260	+2	8	7	93	[6]	7	9	5.7	5	6
2024	P1	LG Beowulf	[107]	15	Good	---	---	78.3	253	+2	8	8	90	*	[6]	9	6.7	6	[6]
2020	R	SY Insitor	105	25	Good	---	---	78.6	261	+1	6	7	95	5	7	4	6.4	5	7
2022	R	KWS Dawsum	105	12	Good	---	---	79.7	299	+1	7	7	85	[6]	8	9	6.3	5	7
2022	R	LG Typhoon	101	11	Mod	---	---	77.1	164	+2	7	7	88	[5]	7	9	7.2	5	6
2023	P2	KWS Ultimatum	101	11	Mod	---	Bread	79.6	271	+1	6	7	87	[6]	7	9	6.5	6	6
2019	S	KWS Extase ¹	99	8	Mod	---	Bread	79.1	283	-1	7	8	92	6	7	7	7.4	4	6
2022	P2	KWS Palladium	99	10	Mod	---	Bread	77.6	305	-1	8	8	85	[6]	8	9	7.3	6	6

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	O = Becoming outclassed	--- = Not for this market	[] = AHDB limited data	* = Insufficient data
P1, P2 or P3 = Provisional Year 1, 2 or 3	HFN = Hagberg falling number	¹ Variety may show weakness to ear sterility on exposed land or fields prone to late spring frosts		
S = Specific use variety	Mod = Moderate; Med = Medium			

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <https://ahdb.org.uk/rl>

Scottish Recommended Lists for Cereals 2024/25

Spring oats Grain yield of 100 = 7.3 t/ha

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- WPB Isabel	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown rust (1 to 9)	Mildew (1 to 9)
2022	R	Merlin	103	4	71.7	1.9	50.7	-2	8	106	[4]	8
2024	P1	Asterion	102	5	73.2	2.6	51.3	0	[7]	110	[6]	8
2011	R	Canyon	101	4	71.6	2.9	50.9	-2	7	111	4	8
2020	R	WPB Isabel	101	13	73.3	2.3	52.9	0	7	111	5	5
2014	O	Conway	97	8	71.7	2.6	49.1	-1	7	103	4	6

Winter oats Grain yield of 100 = 9.1 t/ha

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Mascani	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown rust (1 to 9)	Mildew (1 to 9)
2023	P2	Cromwell	103	14	74.7	4.8	55.1	0	[9]	106	5	3
2003	R	Dalguise	101	18	72.6	3.3	54.5	-1	4	131	4	4
1993	O	Gerald	95	13	70.5	4.3	52.8	+1	6	125	5	4

Colour code

Good
Towards good
Intermediate
Towards poor
Poor
R = Recommended for general use
P1 or P2 = Provisional Year 1 or 2
O = Becoming outclassed
[] = AHDB limited data

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <https://ahdb.org.uk/rl>

Scottish Recommended Lists for Cereals 2024/25

Spring wheat Grain yield of 100 = 7.1 t/ha

Year first listed	Recommendation		UK Grain yield as % of treated control	UKFM Group	Protein content (%)	Hagberg falling number (s)	Specific weight (kg/hl)	Maturity days +/- Mulika	Straw strength (Lodging %)	Straw length (cm)	Septoria tritici (1 to 9)	Mildew (1 to 9)
2022	R	KWS Fixum	106	4	13.0	237	77.6	+1	[0]	78	[6]	[8]
2023	P2	KWS Alicium	105	2	13.3	342	80.2	-1	[3]	84	7	[8]
2024	P1	WPB Mylo	103	2	13.3	297	77.2	+1	[1]	74	[7]	[8]
2023	P2	KWS Harsum	102	1	13.0	329	78.5	+1	[2]	78	6	[7]
2017	R	KWS Cochise	101	2	13.6	259	78.6	0	[2]	77	6	8
2022	R	KWS Ladum	101	1	13.5	333	78.1	-1	[1]	75	[6]	[7]
2011	O	Mulika	95	1	14.0	332	77.3	0	[4]	78	6	6

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use

P1 or P2 = Provisional Year 1 or 2

O = Becoming outclassed

[] = AHDB limited data

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <https://ahdb.org.uk/rl>



Further information

The full data sets collected are available on the AHDB Cereals & Oilseeds website here, <https://ahdb.org.uk/rl>

The SRUC Scottish Recommended Lists for Cereals are available on the SRUC website here, www.sruc.ac.uk/cereals-list

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Winter Edition
Version W1