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 - 5. Spring and winter oats

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



Tables





Winter Edition Version W1

Spring barley Grain yield of 100 = 8.1 t/ha

Year First Listed	Reco	ommendation	Grain yield as % of treated Control	Yield loss (%) if untreated	optior	ting ma ns and l approva	MBC†	Screenings <2.5 mm (%)	Specific weight (kg/hl)	Maturity days +/- RGT Planet	Straw strength 1 to 9; weak to stiff	Straw length (cm) no PGR	Brackling risk 1 to 9; low to high	Grain skinning risk (High, Med or Least)	1 :	ease resista susceptible 9 resistant	to
					Dist.	Brew	Grain				(no PGR)		5	,	Mildew	Rhyncho- sporium	Net blotch
2024	P2	Belter	104	14	P1	P1		2.1	68.2	+2	[7]	69	8	{Med}	8	6	6
2023	P3	Diviner	103	16	P2			3.8	68.1	+1	[7]	67	7	Least	8	5	6
2025	P1	SY Arrow	103	17	Т	Т		2.9	67.7	+1	[7[74	7	{Med}	8	7	[8]
2025	P1	Firecracker	103	10	Т	Т		3.2	68.8	+1	[7]	71	7	{Med}	8	5	[7]
2025	P1	Ptarmigan	103	13	Т	Т		2.8	69.4	0	[7]	72	7	{Med}	8	6	[7]
2020	R	Firefoxx	102	16	F			3.1	67.8	0	7	71	7	Least	8	6	7
2024	P2	Olsen	102	14	P1	P1		3.9	67.5	+2	[8]	71	7	{Med}	8	5	7
2025	P1	KWS Enduris	102	11	Т	Т		2.4	67.9	+1	[8]	76	8	{Med	8	7	[5]
2016	R	Laureate	101	13	F	F		2.7	67.8	+1	6	70	7	Med-high	8	7	8
2023	P3	SY Tennyson	101	17	F	F		2.7	67.0	+2	[7]	71	7	High	8	5	5
2018	R	LG Diablo	100	15	F	F		3.0	68.4	+3	7	72	7	High	8	5	6
2016	0	KWS Sassy	96	12	F			1.9	69.6	+2	6	79	6	Med-high	8	6	5
2016	S	Fairing	90	12			F	2.2	69.4	-2	7	71	7	Med	7	8	7
2024	P2	Bounty	105	19		P1		3.4	66.5	+2	[8]	70	7	{Med}	8	6	7
2021	0	Skyway	101	14		F		1.9	69.9	+1	7	76	7	Med	8	7	6
2023	R	Hurler	104	17				3.8	66.9	+2	[8]	67	8		8	6	7
	Colour code Good					b	Towards	good	Intermed	iate	Fowards po	owards poor Poor					
R = Recommended for general use † = Malting Barley Committee					e F = MB	C Full App	roval		[]=	AHDB lim	ited data						
P1, P2	or P3	3 = Provisional Y	′ear 1, 2 or 3	Dist. = I	Malt dis	tilling		P = MB	P = MBC Provisional Approval stage 1 or 2				{ } = Limited data				
S = Specific use variety Brew = Brewing						T = Under test for MBC approval				Grain skinning risk is based on assessment of RL/NL							
O = Becoming outclassed Grain = Grain distilling					= No	= Not for this market				trials by MBC members, SRUC and Scottish Agronomy.							

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

Wint	er b	arley Grain y	ield of 10	0 = 10.4 t/ł	na	Li	ight soils,	yield = 9.8	t/ha	Heavy soil	s, yield = 9	9.0 t/ha			
Year First Listed	Recommendation		Grain Yield as % of treated	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	Straw Strength 1 to 9; weak to	Straw length (cm) no PGR	Disease resistance; 1 susceptible to 9 resistant		
			control		Light soil	Heavy soil	(Drewing)			Orwell	stiff (no PGR)		Mildew	Rhyncho- sporium	Net Blotch
2025	P1	NOS Olena	[108]	19	[109]	[106]		6.1	69.6	0	[6]	92	6	6	6
2025	P1	KWS Heraclis	[108]	13	[105]	[106]		6.7	69.4	0	[7]	89	6	5	5
2025	P1	Kitty	[108]	23	[106]	[104]		4.4	72.7	+2	[8]	94	6	7	6
2025	P1	KWS Valencis	[106]	15	[108]	[107]		6.1	69.8	0	[6]	93	6	6	6
2025	P1	Rosemary	[106]	14	[106]	[105]		8.5	69.1	+1	[5]	98	5	6	6
2024	P2	LG Capitol	105	16	105	[110]		5.9	69.9	0	7	88	6	6	5
2023	R	LG Caravelle	104	15	104	106		5.1	71.4	0	7	91	7	6	6
2021	R	KWS Tardis	104	18	103	106		5.5	70.1	0	8	93	5	6	6
2021	0	Bolton	101	15	103	105		5.1	69.4	0	8	92	6	5	6
2025	P1	Organa ¹	[100]	12	[97]	[103]		5.9	69.6	0	[6]	106	6	7	5
2023	S	Buccaneer	99	10	98	100	F	6.6	69.5	+1	7	96	6	6	6
2025	P1	Integral ¹	[103]	14	[102]	[105]		5.2	69.4	0	[8]	102	4	6	6
2025	P1	SY Quantock	[109]	16	[109]	[108]		9.5	70.4	-1	[7]	112	7	7	6
2019	R	SY Kingsbarn	107	25	106	103		5.4	70.2	-1	6	113	7	7	5
2022	R	SY Canyon	106	15	106	101		6.1	71.1	-1	6	116	7	7	5
2025	P1	Inys	[106]	19	[107]	[108]		5.9	69.3	-1	[8]	114	7	6	5
2025	P1	SY Kestrel ²	[104]	18	[104]	[100]		4.4	68.7	-1	[8]	116	7	7	6
Colour code Good							Toward	ls good	Intermed	termediate Towards poor Poor					
R = Recommended for general use S = Specific use variety							F = MBC	F = MBC Full Approval [] = AHDB limited data							
P1 or	P2 =	Provisional Year 1		t = Malting Ba			= Not for this market ¹ Variety is believed to have tolerance to <i>Barley yellow dwarf virus</i> (BYDV)							BYDV)	
0 = B	Becom	ing outclassed						arley mild mosai aYMV1) strain		ariety is belie	ved to have	tolerance to	Wheat dwar	f virus (WDV) a	and BYDV

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

Winter wheat Grain yield of 100 = 10.8 t/ha

Year First Listed	Reco	ommendation	Grain yield as % of treated Control	Yield loss (%) if untreated	Use as a 2 nd cereal	Quality Distill-	UK	Specific weight (kg/hl)	HFN (s)	Maturity days +/- Skyfall	Stra strengt weak t without	h 1-9; o stiff with	Straw length (cm) no PGR	Sprout -ing resist- ance	Mildew	1 susce Yellow	ase resista ptible to 9 r Septoria	Eye-	Fus-
2025	P1	RGT Hexton	[111]	25	Good	ing Med	Milling 	77.0	236	+2	PGR 7	PGR 7	88	*	[6]	Rust 7	tritici 6.8	spot 4	arium 6
2023	P2	Blackstone	104	19	Mod	Med		78.6	295	+2	8	7	91	*	[0] 6	9	5.9	5	8
2024	R	KWS Zealum	104	21	Good	Med		76.8	206	+2	6	8	89	[6]	6	9	6.2	5	7
2023	0	RGT Bairstow	103	21	Mod	Good		76.6	200	+2	6	7	90		6	8	5.7	4	6
	0		102	21	Mod	Med		77.1	205	+2	6	6	90	[6] 6	7	7	5.0	4 5	6
2019	_	LG Skyscraper								-	-	-			-			Э	
2025	P1	KWS Solitaire	[108]	19	Good	Good	Biscuit	77.1	179	+1	5	6	90	*	[6]	8	6.7	4	6
2025	P1	KWS Flute	[108]	26	Good	Med	Biscuit	78.4	198	+1	6	7	83	*	[6]	6	6.2	5	6
2024	P2	Bamford	107	16	Good	Med	Biscuit	78.7	247	+1	7	7	89	[5]	6	7	6.6	6	5
2024	P2	LG Beowulf	107	20	Good			78.5	253	+2	8	8	88	[6]	6	9	6.6	6	6
2020	R	SY Insitor	107	30	Good			78.8	272	+1	6	7	94	5	7	3	6.5	5	7
2025	P1	KWS Scope	[107]	23	Good			78.9	247	+1	8	8	89	*	[6]	7	6.5	4	6
2022	R	KWS Dawsum	106	14	Mod			79.9	310	+1	8	7	84	[6]	8	9	6.3	5	7
2022	R	LG Typhoon	103	14	Mod			77.4	165	+2	7	7	86	[5]	6	9	7.2	5	6
2025	P1	KWS Newbie	[107]	18	Mod		Bread	78.4	305	0	7	7	85	*	[5]	9	6.2	5	6
2025	P1	LG Shergar	[105]	15	Poor		Bread	80.4	289	+1	8	8	81	*	[7]	7	6.7	5	6
2023	R	KWS Ultimatum	103	14	Poor		Bread	79.9	275	+2	7	7	85	[6]	7	9	6.6	6	6
2025	P1	KWS Arnie	[103]	19	Good		Bread	79.1	287	0	8	7	87	*	[5]	7	7.0	5	6
2019	0	KWS Extase ¹	101	11	Mod		Bread	79.2	287	-1	7	7	91	6	6	7	7.0	3	6
2022	R	KWS Palladium	101	12	Poor		Bread	77.7	309	-1	8	8	84	[6]	7	9	7.2	6	6
Colour code Good Toward						Towards g	jood	Interme	ediate	Toward	ds poor		Poor						
R = Recommended for general use O = Becoming outclassed							-	= Not for this market [] = AHDB limited data * = Insufficient data											
P1 or P2 = Provisional Year 1 or 2 HFN = Hagberg falling number						1	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

Spring wheat Grain yield of 100 = 7.5 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)	Yellow rust (1 to 9)
2025	P1	WPB Fraser	105	4	12.5	232	75.8	0		79	[6]	[8]	8
2023	R	KWS Alicium	104	2	13.2	341	80.6	-1	[3]	84	6	[8]	7
2025	P1	Ophelia	104	4	12.0	267	80.3	-1		78	[6]	[8]	6
2025	P1	KWS Bezique	104	2	12.9	318	79.2	+1		76	[6]	[8]	7
2024	P2	WPB Mylo	102	2	12.9	301	77.6	+2	[1]	73	7	[8]	9
2023	R	KWS Harsum	101	1	12.8	325	78.9	+1	[2]	78	6	[7]	7
2025	P1	STRU102574k021511 ¹	101	1	13.0	303	81.2	-1		80	[6]	[8]	5
2022	R	KWS Ladum	99	1	13.4	324	78.5	0	[1]	74	6	[7]	7
		Colour code	Good	Tov	wards good	Inter	nediate	Towards po	or	Poor			

R = Recommended for general use P1 or P2 = Provisional Year 1 or 2 [] = AHDB limited data

¹ This variety has been added to the Variety Lists with the proposed name of STR Pace, to be confirmed in spring 2025

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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)	
2025	P1	Caledon	105	7	72.8	1.9	51.5	-1	[7]	[112]	5	
2022	R	Merlin	101	7	71.4	1.6	51.5	-2	8	106	4	
2011	R	Canyon	100	7	71.5	2.7	51.6	-2	7	111	4	
2020	R	WPB Isabel	100	14	72.8	1.9	53.6	0	7	110	5	
2014	0	Conway	96	11	71.4	2.4	49.5	-1	7	102	4	

Spring oats Grain yield of 100 = 7.5 t/ha

Winter oats Grain yield of 100 = 9.0 t/ha

Year first listed	R	ecommendatio	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	R	Cromwell	103	19	74.8	4.7	55.0	+1	9	107	5	3
2003	R	Dalguise	103	28	72.8	3.4	54.5	-1	4	134	4	4
	Colo	ur code	Good	Towar	ds good	Intern	nediate	Towards	poor	Poor		

R = Recommended for general use	P1 or P2 = Provisional Year 1 or 2	O = Becoming outclassed	[] = AHDB limited data
		5	

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

Mildew (1 to 9)



Further information

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

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

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