

Scotland's Rural College

Scottish Recommended Lists for Cereals 2020/21

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Scottish Recommended Lists for Cereals 2020/21

Tables

Data from AHDB Recommended List Trials and Scottish Government funded National List Trials



Scottish Recommended Lists for Cereals 2020/21

Spring barley Yield of 100 = 7.5 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 +/- Concerto	Straw strength 1 to 9; weak to stiff	Straw length (cm) no PGR	Brackling risk 1 to 9; high to low	Disease resistance; 1 susceptible to 9 resistant	
					Dist.	Brew	Grain							Mildew	Rhynchosporium
2018	R	LG Diablo	107	8	F	P	N	3.4	67.1	+1	7	73	8	9	5
2020	P1	SY Tungsten	107	10	T	T	N	[4.7]	67.7	+1	[7]	72	8	9	[4]
2020	P1	Firefoxx	107	11	T	N	N	[3.7]	66.4	0	[7]	71	8	9	[5]
2016	R	Laureate	104	7	F	F	N	3.6	66.5	+1	7	71	8	9	6
2016	R	KWS Sassy	103	7	F	N	N	2.6	68.4	0	6	78	6	9	6
2015	R	Sienna	102	8	F	N	N	3.8	70.4	+1	7	77	7	9	5
2018	P3	RGT Asteroid	102	6	P	P	P	3.1	68.3	+1	7	73	8	9	4
2016	S	Fairing	95	9	N	N	F	2.6	68.3	-2	7	72	8	9	6
2009	O	Concerto	93	8	F	F	N	2.9	68.8	0	7	77	8	9	4
2020	P1	SY Splendor	107	12	N	T	N	[3.9]	68.1	+1	[7]	73	9	9	[4]
2019	P2	Cosmopolitan	106	8	N	P	N	3.6	66.2	0	7	70	7	9	6
2015	R	RGT Planet	103	8	N	F	N	3.6	67.8	0	7	73	8	9	5
2010	O	Propino	98	12	N	F	N	2.1	68.2	-1	7	75	8	6	5
2020	P1	Prospect	105	8	N	N	N	[4.5]	67.6	0	[7]	71	9	9	[6]
2015	O	Scholar *	104	8	N	N	N	6.0	68.7	0	7	67	9	9	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, P2 or P3 = Provisional Year 1, 2 or 3	Dist. = Malting distilling	P = MBC Provisional Approval	* This variety is no longer on AHDB Recommended List
S = Specific use variety	Brew = Brewing	T = Under test as a malting variety	
O = Becoming outclassed	Grain = Grain distilling	N = Not suitable for this use	

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 2020/21

Winter barley Yield of 100 = 9.9 t/ha

Year First Listed	Recommendation		Grain Yield as % of treated control	Yield loss (%) if untreated	Yield % 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	Straw length (cm) with PGR	Disease resistance; 1 susceptible to 9 resistant		
					Light soil	Heavy soil							Mildew	Rhynchosporium	Net Blotch
2019	P2	LG Mountain	105	21	104	107	N	8.0	69.1	-1	7	84	5	5	6
2017	R	KWS Creswell	102	28	101	99	N	7.7	68.0	-1	7	85	5	6	4
2020	P1	KWS Hawking	102	21	102	106	N	8.3	68.5	0	7	84	5	6	6
2019	P2	LG Flynn	102	20	102	104	N	5.2	70.2	0	7	90	4	6	6
2016	R	KWS Orwell	101	22	100	102	N	6.3	67.9	0	8	84	3	6	5
2014	R	KWS Tower	101	26	100	99	N	7.4	67.4	0	8	85	5	6	4
2019	P2	Valerie	[101]	15	101	[101]	N	2.0	70.2	-1	8	85	6	6	6
2020	P1	Jordan	101	14	102	103	N	5.8	68.9	0	7	82	5	7	5
2010	S	KWS Cassia	98	16	97	97	N	5.3	71.2	0	7	88	4	5	6
2016	S	Craft	97	19	96	94	F	6.4	69.4	0	8	87	6	6	6
2018	P3	Electrum	95	18	96	97	P	6.7	69.3	-2	7	88	6	7	6
2017	R	Funky	104	15	104	104	N	16.4	68.9	-2	8	90	5	7	5
2018	P3	Belmont	107	31	106	107	N	9.5	68.5	-1	7	104	5	6	6
2019	P2	SY Baracooda	107	20	105	106	N	7.3	68.8	-1	7	108	7	7	5
2019	P2	SY Kingsbarn	107	20	106	108	N	7.0	69.8	-1	7	101	6	6	5
2016	R	Bazooka	105	19	105	107	N	8.8	68.9	-1	7	107	5	6	6
2018	P3	Libra	103	20	102	105	N	8.1	70.8	-1	7	102	5	7	6

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use

S = Specific use variety

F = MBC Full Approval

N = Not suitable for this use

P1, P2 or P3 = Provisional Year 1, 2 or 3

† = Malting Barley Committee

P = MBC Provisional Approval

[] = AHDB limited data

BaYMV: All varieties listed have resistance to barley mild mosaic virus (BaMMV) and barley yellow mosaic virus (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 2020/21

Winter wheat 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
2019	P2	LG Skyscraper	103	22	Good	Med	---	76.9	218	0	7	7	91	[6]	7	8	5.0	[4]	6
2018	R	KWS Jackal	102	25	Good	Med	---	75.6	182	+1	7	7	86	[5]	7	9	4.9	4	6
2018	R	Elation	101	24	Good	Good	---	77.4	206	+1	7	8	82	[6]	7	9	4.3	4	6
2020	P1	RGT Saki	[101]	18	Good	Poor	---	75.7	221	+3	7	8	87	[5]	6	9	6.8	---	6
2019	P2	LG Spotlight	100	23	Mod	Med	---	77.9	288	+1	7	8	93	[7]	6	8	5.1	[5]	6
2017	R	LG Sundance	99	15	Mod	Med	---	73.9	175	+2	6	7	86	[4]	7	9	7.9	3	6
2013	S	Revelation	95	19	Poor	Good	---	76.4	250	+3	7	8	85	5	6	9	6.0	7	6
2016	R	KWS Barrel	104	28	Mod	Poor	Biscuit	77.1	224	+1	7	8	83	6	7	9	4.3	5	6
2018	R	Elicit	100	19	Mod	Good	Biscuit	76.9	216	+1	7	8	85	[5]	6	9	5.5	4	6
2014	O	Zulu	98	28	Poor	Med	Biscuit	76.0	225	0	6	7	89	5	7	5	5.4	4	6
2015	O	KWS Lili	101	28	Poor	---	Bread	77.3	295	+2	7	8	81	7	8	7	5.9	4	6
2019	P2	KWS Extase	100	6	Mod	---	Bread	78.4	297	0	7	8	90	[7]	6	9	8.1	[4]	6
2020	P1	SY Insitor	[105]	23	Good	---	---	78.3	265	+1	6	7	93	[5]	6	7	6.6	---	6
2018	P3	Gleam	102	19	Good	---	---	76.3	219	0	7	7	86	[5]	6	7	6.3	4	6
2009	S	Grafton *	This hard feed variety is no longer on the AHDB RL. It retains interest as an early maturing hard feed variety with stiff straw. It does not suit distilling or milling.																

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	O = Becoming outclassed	* This variety is longer on the AHDB Recommended List	[] = AHDB limited data
P1, P2 or P3 = Provisional Year 1, 2 or 3	HFN = Hagberg falling number	** Yellow rust: These national average ratings may not reflect resistance to local rust populations or to high disease situations	
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 2020/21

Spring oats (Yield of 100 = 7.5 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 +/- Firth	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown rust (1 to 9)	Mildew (1 to 9)
2018	P3	Delfin	105	6	73.6	3.1	52.0	0	8	116	4	9
2020	P1	WPB Isabel	104	15	76.8	2.3	55.7	0	[9]	114	5	6
2019	P2	Elison	104	8	73.7	3.0	52.6	0	[8]	113	3	8
2017	R	Yukon	103	5	74.3	3.0	51.9	0	8	109	5	8
2015	O	Aspen	102	17	75.2	2.3	52.8	0	7	101	5	6
2011	R	Canyon	101	8	74.0	2.2	52.9	0	7	113	4	8
2017	R	WPB Elyann	98	11	78.1	2.7	52.1	-1	6	104	5	6
2014	R	Conway	95	9	75.6	2.8	51.9	0	8	109	4	7
2000	O	Firth	94	13	75.9	3.0	50.9	0	7	102	4	6

Winter oats (Yield of 100 = 8.9 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)
2003	R	Dalguise	99	---	74.1	3.9	54.3	-1	4	121	4	4
1993	R	Gerald	96	---	71.7	4.8	52.8	+2	6	118	5	4

Spring wheat (Yield of 100 = 7.2 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	nabim Group	Hagberg falling number	Specific weight (kg/hl)	Maturity days +/- Mulika	Straw strength 1-9; weak to stiff	Straw length (cm)	Septoria tritici (1 to 9)	Mildew (1 to 9)
2017	R	KWS Cochise	105	23	2	226	79.1	+1	---	84	6	8
2019	P2	KWS Talisker	104	15	4	271	79.0	+1	---	84	6	8
2020	P1	KWS Giraffe	103	---	4	271	79.8	0	---	80	6	8
2011	R	Mulika	94	15	1	307	77.1	0	---	82	6	6

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use | P1, P2 or P3 = Provisional Year 1, 2 or 3 | O = Becoming outclassed | [] = AHDB limited data | --- = Insufficient information

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 details

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

The SRUC Scottish Recommended Lists for Cereals are available on the SRUC website here, <https://sruc.ac.uk/cerealslist>

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