

Scotland's Rural College

Scottish Recommended Lists for Cereals 2019

Hoad, SP

Print publication: 01/12/2018

[Link to publication](#)

Citation for published version (APA):

Hoad, SP. (2018). *Scottish Recommended Lists for Cereals 2019*. (Scottish Recommended Lists for Cereals 2019). SRUC.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal ?

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.



Scottish Recommended Lists for Cereals 2019/20

Tables

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



Scottish Recommended Lists for Cereals 2019/20

Spring barley Yield of 100 = 7.5 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Malting use: Brewing, Distilling or Grain Distilling	MBC† Malting Approval (See footnotes)	Feed use‡ (See footnote)	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	
														Mildew	Rhynchosporium
2018	P2	LG Diablo	107	11	B & D	P		2.8	67.6	+2	7	73	8	[9]	5
2016	R	Laureate	104	9	B & D	F		3.0	66.8	+1	7	71	8	[8]	6
2016	R	KWS Sassy	103	10	D	F		2.1	68.8	+1	6	79	7	[8]	6
2015	R	Sienna	102	9	D	F		3.2	70.9	+1	7	77	7	[9]	6
2018	P2	RGT Asteroid	102	9	B, D & GD	P		2.4	68.7	+1	7	74	8	[9]	5
2016	R	Fairing	95	10	GD	F		2.2	68.8	-1	7	73	7	[8]	6
2009	R	Concerto	92	10	B & D	F		2.6	69.3	0	7	78	8	8	4
2019	P1	Cosmopolitan	106	12	B	T		3.0	66.8	+1	[7]	69	7	---	[6]
2015	R	RGT Planet	103	10	B	F		3.1	68.3	0	7	73	8	[9]	5
2014	R	KWS Irina *	102	13	B	N		4.0	66.4	0	8	69	9	[9]	5
2010	R	Propino	99	14	B	F		1.7	68.7	0	7	75	8	6	5
2015	R	Scholar	104	11	None	N		5.2	69.0	+1	7	68	9	[9]	5

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	F = MBC Full Approval	N = Not approved by MBC	* KWS Irina is no longer Approved by MBC
P1 or P2 = Provisional Year 1 or 2	P = MBC Provisional Approval	[] = AHDB limited data	
† = Malting Barley Committee	T = Under test as a malting variety	‡ High yielding malting varieties can also be considered for feed use	

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

Scottish Recommended Lists for Cereals 2019/20

Winter barley Yield of 100 = 9.8 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	P1	LG Mountain	105	21	105	[107]	No	9.2	68.9	-1	7	85	5	5	5
2017	R	KWS Creswell	103	27	102	99	No	8.6	67.9	0	7	87	4	6	4
2016	R	KWS Orwell	102	22	102	102	No	6.0	67.8	0	8	85	3	6	5
2015	O	KWS Infinity	102	22	102	100	No	8.2	68.0	0	7	88	4	6	6
2014	R	KWS Tower	102	26	101	100	No	7.5	67.4	0	8	88	5	6	4
2019	P1	Valerie	[101]	15	102	[101]	No	2.5	70.2	-1	8	87	6	6	6
2019	P1	LG Flynn	[101]	22	102	[106]	No	5.5	69.8	+1	7	91	4	6	6
2010	S	KWS Cassia	98	17	97	98	No	5.7	71.0	+1	8	89	4	5	5
2016	S	Craft	97	20	97	95	F	6.8	69.3	0	8	88	6	6	6
2018	P2	Electrum	95	17	96	98	P	6.6	69.5	-1	7	90	6	6	5
2017	R	Funky	104	15	105	105	No	17.3	69.0	-1	8	93	5	7	5
2018	P2	KWS Astaire	103	16	104	105	No	8.3	65.8	0	8	100	7	7	6
2017	R	Sunningdale	109	19	107	105	No	10.3	67.8	0	7	105	5	7	6
2018	P2	Belmont	108	31	107	109	No	10.3	68.5	0	7	107	6	6	6
2016	R	Bazooka	106	18	106	109	No	9.6	68.8	0	7	109	4	7	6
2019	P1	SY Baracooda	106	18	106	[107]	No	8.0	68.7	0	7	110	8	7	5
2019	P1	SY Kingsbarn	106	19	106	[108]	No	6.9	69.9	0	8	103	6	7	6
2018	P2	Libra	103	19	103	105	No	8.8	70.8	-1	7	105	4	7	6

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use

O = Becoming outclassed

F = MBC Full Approval

P1 or P2 = Provisional Year 1 or 2

† = Malting Barley Committee

P = MBC Provisional Approval

[] = AHDB limited data

S = Specific use variety

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 <http://cereals.ahdb.org.uk/varieties>

Scottish Recommended Lists for Cereals 2019/20

Winter wheat Yield of 100 = 11.2 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	Maturity days +/- JB Diego	Straw strength 1-9; weak to stiff		Straw length (cm) no PGR	Sprouting resistance	Disease resistance; 1 susceptible to 9 resistant				
						Distilling	UK Milling				without PGR	with PGR			Mildew	Yellow rust	Septoria tritici	Eye-spot	Fusarium
2018	P2	KWS Jackal	104	25	Good	Med	---	76.1	177	+1	7	7	85	[5]	7	9	4.9	4	6
2019	P1	LG Skyscraper	[104]	22	Good	Med	---	77.2	221	0	7	7	90	---	7	8	5.2	[4]	6
2018	P2	Elation	103	23	Good	Good	---	77.8	209	+1	7	8	81	[6]	7	9	4.3	4	6
2017	R	LG Sundance	102	15	Good	Med	---	74.4	187	+2	6	7	86	[4]	7	9	7.9	3	7
2013	O	Leeds	101	31	Poor	Med	---	78.1	221	+2	7	8	85	6	3	6	4.6	4	7
2019	P1	LG Spotlight	[101]	22	Mod	Med	---	78.3	290	+1	7	8	91	---	6	8	5.2	[5]	7
2009	O	Viscount	101	24	Mod	Good	---	76.2	202	+1	7	8	80	5	6	7	4.8	4	6
2017	R	LG Motown	100	16	Good	Med	---	76.0	226	0	6	6	83	[6]	7	9	5.7	4	6
2013	S	Revelation	98	17	Poor	Good	---	76.5	257	+3	7	8	85	5	6	9	6.3	8	7
2016	R	KWS Barrel	105	29	Mod	Poor	Biscuit	77.3	227	+1	7	8	82	[6]	6	9	4.5	4	6
2018	P2	Elicit	102	19	Mod	Good	Biscuit	77.3	222	+1	7	8	84	[5]	6	9	6.0	4	7
2014	R	Zulu	100	26	Poor	Med	Biscuit	76.4	237	+1	6	7	88	5	7	5	5.2	4	6
2015	R	KWS Lili	103	28	Poor	---	Bread	77.5	303	+2	7	8	81	7	8	7	5.9	5	6
2019	P1	KWS Extase	[102]	6	Mod	---	Bread	78.6	307	0	7	8	89	---	6	9	8.1	[4]	6
2016	R	KWS Siskin	100	17	Mod	---	Bread	77.5	300	+1	6	7	83	[5]	8	9	6.7	4	5
2018	P2	RGT Gravity	105	24	Good	---	---	76.4	211	+1	7	7	86	[4]	4	8	5.0	4	6
2018	P2	Gleam	104	19	Good	---	---	76.6	223	0	7	7	85	[5]	6	7	6.4	4	6
2009	S	Grafton *	[99]	25	Mod	---	---	79.0	325	-1	8	8	75	5	7	6	5.4	6	5

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	S = Specific use variety	HFN = Hagberg falling number	[] = AHDB limited data;
P1 or P2 = Provisional Year 1 or 2	O = Becoming outclassed	Mod = Moderate; Med = Medium	* Grafton is no longer on the AHDB Recommended List

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

Scottish Recommended Lists for Cereals 2019/20

Spring oats (Yield of 100 = 7.9 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 +/- Firth	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown rust (1 to 9)	Mildew (1 to 9)
2018	P2	Delfin	105	9	74.8	2.6	53.6	0	8	118	[4]	9
2017	P3	Yukon	102	7	75.1	3.1	53.4	-1	8	114	[5]	8
2019	P1	Elison	102	9	74.6	2.5	54.4	0	[9]	[115]	[4]	8
2015	O	Aspen	101	16	76.1	2.0	54.2	-1	7	105	4	6
2011	R	Canyon	100	8	75.0	1.9	54.5	0	7	116	4	8
2017	R	WPB Elyann	99	12	79.1	2.6	53.6	-1	6	108	[5]	7
2000	R	Firth	96	15	77.3	2.8	52.8	0	7	108	4	6
2014	R	Conway	95	11	76.9	2.6	53.6	-1	8	113	4	7

Winter oats (Yield of 100 = 8.8 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	100	---	74.9	3.6	54.8	-1	3	120	4	4
1993	R	Gerald	98	---	72.5	4.2	53.5	+2	6	117	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	107	24	2	225	79.6	+1	---	83	6	[8]
2011	R	Mulika	95	14	1	300	77.6	0	---	81	6	6
2019	P1	KWS Talisker	[106]	16	4	263	79.7	[+1]	---	84	7	[8]
2019	P1	Hexham	[105]	11	4	275	78.7	[+3]	---	83	7	[7]

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 <http://cereals.ahdb.org.uk/varieties>