

Scotland's Rural College

Scottish Recommended List for Cereals 2015

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Scottish Recommended List for Cereals 2015 Tables

Data from HGCA Recommended List Trials



Scottish Recommended List for Cereals 2015

Spring barley Yield of 100 = 6.8 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Use Brewing, Distilling, Grain Distilling	IBD† Malting Approval	Screenings <2.5 mm (%)	Specific weight (kg/hl)	Maturity days +/- Optic	Straw Strength 1 to 9; weak to stiff	Straw length (cm)	Brackling risk; 1 to 9 high to low	Disease resistance 1 susceptible to 9 resistant		
													Mildew	Rhynchosporium	Ramularia
2015	P1	Scholar	109	14	Feed	No	6.0	68.3	+1	7	69	9	[9]	6	[8]
2014	P2	KWS Irina	108	14	B	P	4.6	66.2	+1	8	70	9	9	5	7
2013	P2	Sanette	108	15	B	P	4.7	67.2	+2	7	72	8	9	6	8
2015	P1	Olympus	106	14	D & GD	T	5.0	67.0	+2	7	74	6	[9]	6	[4]
2010	R	Propino	103	12	B	F	2.4	67.9	+1	7	77	8	6	6	6
2012	R	Odyssey	102	13	B & D	F	3.6	68.2	+2	6	75	8	9	6	6
2005	R	Waggon	101	13	Feed	No	---	67.6	0	7	74	8	9	4	8
2011	R	Moonshine	99	12	D	F	3.5	67.7	0	7	73	7	[9]	5	4
2009	R	Concerto	96	11	B & D	F	2.8	68.8	+2	6	78	8	9	4	6
2008	R	Belgravia	96	11	D & GD	F	3.9	68.0	+1	---	78	8	[8]	6	[6]
1995	O	Optic	94	16	D	F	5.0	70.1	0	7	75	5	5	3	5

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	† Institute of Brewing and Distilling	--- = Insufficient information
P1 and P2 = Provisional Year 1 and 2	F = IBD Full Approval	[] = HGCA limited data
O = Becoming outclassed	P = IBD Provisional Approval	
	T = Under test as a malting variety	

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)

Scottish Recommended List for Cereals 2015

Winter barley Yield of 100 = 8.4 t/ha

Year First Listed	Recommendation		Grain Yield as % of treated control	Yield loss (%) if untreated	Yield % control		IBD† Malting Approval	Screenings <2.5 mm (%)	Specific Weight (kg/hl)	Maturity days +/- Cassata	Straw Strength 1 to 9; weak to stiff	Straw length (cm)	Disease resistance 1 susceptible to 9 resistant			
					Light soil	Heavy soil							Mildew	Rhynchosporium	Net Blotch	BaMMV R=resistant
2015	P1	Daxor	[108]	17	105	104	No	5.9	66.0	-1	8	92	4	6	5	R
2009	R	Volume	107	21	107	107	No	13.1	68.7	-2	7	100	5	7	6	R
2014	P2	KWS Tower	105	21	106	105	No	3.5	68.0	-1	7	89	5	5	4	R
2012	R	KWS Meridian	105	13	103	104	No	4.4	66.1	-2	7	103	8	6	7	R
2015	P1	KWS Infinity	[105]	23	106	106	No	6.6	68.4	-1	7	87	3	6	5	R
2013	R	KWS Glacier	104	20	104	106	No	4.7	69.9	-1	6	82	3	5	6	R
2007	O	Retriever	104	25	104	101	No	---	66.6	-1	6	85	5	4	5	R
2014	P2	Cavalier	104	25	104	101	No	6.1	70.2	-2	6	83	5	5	5	R
2010	R	KWS Cassia	102	16	101	101	No	3.5	71.3	-1	7	88	4	4	6	R
2011	O	Escadre	100	19	100	97	No	6.5	70.5	-2	7	96	4	7	6	R
2007	S	Cassata	93	17	94	95	F	4.1	69.0	0	8	89	4	7	3	R
1999	S	Pearl	89	15	92	91	F	3.4	71.0	0	7	98	6	5	5	

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

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P1 and P2 = Provisional Year 1 and 2	F = IBD Full Approval	[] = HGCA limited data
S = Specific use variety		
O = Becoming outclassed		

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)

Scottish Recommended List for Cereals 2015

Winter wheat Yield of 100 = 9.5 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 +/- Solstice	Straw strength 1-9; weak to stiff	Straw length (cm)	Disease resistance					
						Distilling	UK Milling	Export ‡						1 susceptible to 9 resistant					
														Mil-dew	Yellow rust	Septoria nodorum	Septoria tritici	Eye-spot	Fusarium
2013	R	Leeds	107	23	Good	Med	---	uks Y	77.7	206	+2	7	85	3	7	[6]	5	5	7
2014	P2	Twister	107	26	Good	Med	---	---	76.7	176	+1	7	87	4	6	[6]	5	[6]	6
2013	R	Myriad	104	18	Poor	Med	---	uks [Y]	76.3	231	+2	6	88	6	8	[5]	5	5	6
2009	R	Viscount	104	21	Poor	Good	---	uks [Y]	75.9	174	+1	6	81	[7]	4	[6]	5	5	6
2012	R	Horatio	103	18	Mod	Med	---	uks Y	75.8	237	+1	7	87	7	6	[5]	5	5	6
2010	O	Beluga	103	22	Mod	Good	---	uks Y	74.9	165	0	7	78	3	6	[5]	5	5	6
2006	O	Alchemy	98	14	Poor	Med	---	uks [Y]	77.1	243	+2	7	87	[8]	7	5	6	6	7
2014	P2	Zulu	103	17	Mod	Med	Biscuit	uks [Y]	75.6	219	+1	6	87	7	9	[6]	5	[5]	6
2014	P2	Icon	103	11	Mod	Good	Biscuit	---	75.7	223	+1	7	83	8	8	[5]	6	[4]	6
2015	P1	RGT Conversion	[102]	14	Mod	Good	Biscuit	---	76.0	223	+1	7	83	8	8	[6]	6	[6]	6
2010	R	Invicta	101	16	Poor	Med	Biscuit	uks [Y]	74.8	242	+3	7	88	5	8	5	5	5	6
2014	P2	Skyfall	104	10	Good	Poor	Bread	---	78.1	280	0	8	81	6	6	[5]	6	[6]	6
2004	O	Cordiale	96	20	Mod	Poor	Bread	ukp Y	78.9	316	-1	7	78	6	5	[5]	5	5	5
2015	P1	Reflection	[107]	13	Good	Poor		---	77.4	228	0	7	80	7	6	[6]	5	[6]	6
2009	R	Grafton	101	16	Good	Poor	---	---	77.9	289	-1	8	75	7	6	[5]	5	6	5

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	‡ = Export potential	Y = suited to that market	Mod = moderate; Med = medium
P1 and P2 = Provisional Year 1 and 2	uks = soft wheat for export	[Y] = may be suited to that market	--- = Not applicable
S = Specific use variety	ukp = bread wheat for export		[] = HGCA limited data
O = Becoming outclassed	HFN = Hagberg falling number		

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)

Scottish Recommended List for Cereals 2015

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)
2015	P1	Aspen	108	[16]	[77.7]	[1.3]	[55.2]	[-2]	[7]	105	[4]	6
2015	P1	Montrose	104	[17]	[76.7]	[0.7]	[55.7]	[-1]	[8]	108	[3]	4
2011	R	Canyon	101	8	76.2	1.2	55.1	-2	[7]	115	[4]	8
2014	P2	Conway	101	13	77.9	[1.2]	54.6	0	[7]	108	[4]	7
2000	R	Firth	100	13	78.7	2.3	54.2	0	7	106	[4]	7
2007	O	Atego	97	20	76.3	3.0	53.6	-3	[7]	103	[4]	3

Winter oats (Yield of 100 = 8.3 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 +/- Gerald	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown Rust (1 to 9)	Mildew (1 to 9)
2014	P2	Rhapsody	109	---	72.3	2.4	50.2	0	---	106	[6]	[8]
2010	S	Balado	105	---	73.0	3.1	49.6	+1	[9]	86	[3]	4
2003	R	Dalguise	101	---	75.9	3.2	54.4	-1	[4]	116	3	4
1993	R	Gerald	101	---	73.7	3.0	53.4	0	[6]	112	5	3
2004	O	Mascani	98	---	78.1	1.5	54.5	-1	[6]	111	8	6

Spring wheat (Yield of 100 = 7.0 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)
2003	R	Tybalt	102	---	2	293	75.4	[+1]	---	78	6	8
2011	R	Mulika	99	---	1	306	76.9	[0]	---	82	5	[7]

Colour code

Good
Towards good
Intermediate
Towards poor
Poor

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[] = HGCA limited data

P1 and P2 = Provisional Year 1 and 2

S = Specific use variety

--- = Insufficient information

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)