

AHDB Recommended List - Table 12

Spring Oats 2017

	RECOMMENDED		C	NEW	NEW	C	C	C	*	Year 4 Candidates	Year 4 Described candidates	Not added to the RL		
	Aspen	Yukon	WFB Elyann	Montrose	Canyon	Rozmar	Firth	Conway	Atego	Average LSD (5%)	Delfin	Oliver	Kamil	Harmony
Variety type	Husked varieties										Husked	Naked varieties [†]		Husked Varieties
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK		Candidate	Candidate	Candidate	Not added to the RL
UK yield (% treated control)														
Fungicide-treated (8.4 t/ha)	104	102	100	100	99	98	97	95	94	3.9	104	73	63	100
Untreated as % of treated control	88	94	87	84	90	81	84	84	75	5.3	[98]	[60]	[56]	90
Grain quality														
Kernel content (%)	77.2	76.1	80.7	76.5	75.8	74.9	78.3	78.1	76.2	1.0	[75.5]	-	-	78.4
Specific weight (kg/hl)	54.6	54.1	54.2	55.5	55.1	53.5	53.6	54.2	53.2	0.7	[54.2]	[65.1]	[68.3]	52.3
Screenings (% through 2.0mm)	1.8	2.5	2.0	1.3	1.7	3.2	2.8	2.5	3.8	2.2	[2.4]	[13.4]	[7.8]	1.2
Agronomic features														
Resistance to lodging (1-9)	7	8	7	7	7	6	7	8	7	1.2	[9]	[7]	[8]	8
Straw length (cm)	110	119	112	115	122	121	113	116	108	2.3	[123]	[118]	[121]	117
Ripening (days +/- Firth, -ve = earlier)	-1	-1	-1	-1	0	0	0	0	-1	0.9	0	0	1	-1
Disease resistance														
Mildew (1-9)	6	8	7	4	8	5	7	7	3	0.7	9	4	5	8
Crown rust (1-9)	4	[5]	[5]	3	4	8	4	4	4	1.3	[4]	[3]	[5]	[4]
Annual treated yield (% control)														
2012 (8.0 t/ha)	[109]	-	-	[102]	[94]	[96]	[97]	[96]	[95]	9.5	-	-	-	-
2013 (8.4 t/ha)	[105]	[99]	[100]	[103]	[96]	[97]	[99]	[97]	[96]	4.9	-	-	-	[99]
2014 (8.8 t/ha)	[101]	[103]	[101]	[97]	[102]	[94]	[97]	[96]	[93]	6.7	[104]	[73]	[65]	[106]
2015 (8.7 t/ha)	[106]	[103]	[99]	[97]	[99]	[99]	[95]	[90]	[91]	6.6	[102]	[75]	[65]	[99]
2016 (8.2 t/ha)	[101]	[104]	[101]	[100]	[102]	[101]	[97]	[98]	[97]	5.5	[105]	[73]	[62]	[94]
Breeder/ UK contact														
Breeder	Bau	Nord	Wier	Lant	Nord	Selg		IBERS	Selg		Nord			Nord
UK contact	Sen	SU	KWS	Sen	SU	Cope	KWS	Sen	Cope		SU	Cope	Cope	SU
Status in RL system														
Year first listed	15	17	17	15	11	11	00	14	07		-	-	-	-
RL status	-	P1	P1	-	-	-	-	-	*		-	-	-	-

On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (eg high resistance).

UK = recommended for the UK
 C = yield control (for current table)
 * = variety no longer in trials
 [] = limited data
 P1 = first year of recommendation

LSD = least significant difference
 Average LSD (5%): varieties that are more than one LSD apart are significantly different at the 95% confidence level
 † = naked spring oat varieties are not eligible for recommendation but will be considered for designation as Described varieties

Key to Breeder and UK contact codes:

Bau = Bauer, Germany
 Cope = Trevor Cope Seeds (www.trevorcopeseeds.co.uk)
 IBERS = Institute of Biological, Environmental & Rural Sciences
 KWS = KWS UK (www.kws-uk.com)
 Lant = Lantmannen SW Seed BV

Nord = Nordsaat, Germany
 Selg = Selgen, Czech Republic
 Sen = Senova (www.senova.uk.com)
 SU = Saaten Union UK (www.saaten-union.co.uk)
 Wier = Wiersum BV, Netherlands