

# AHDB Recommended List - Table 12

## Spring oats 2019



Variety type	Delphin	Yukon	Elison	Aspen	Canyon	WPB Elyann	Firth	Conway
Scope of recommendation	UK	UK	UK <b>NEW</b>	UK <b>C</b>	UK <b>C</b>	UK <b>C</b>	UK	UK
<b>Husked varieties</b>								
<b>UK yield (% treated control)</b>								
Fungicide-treated (7.9 t/ha)	105	102	102	101	100	99	96	95
Untreated (% of treated control)	96	95	93	85	92	87	81	84
<b>Grain quality</b>								
Kernel content (%)	74.8	75.1	74.6	76.1	75.0	79.1	77.3	76.9
Specific weight (kg/hl)	53.6	53.4	54.4	54.2	54.5	53.6	52.8	53.6
Screenings (% through 2.0mm)	2.6	3.1	2.5	2.0	1.9	2.6	2.8	2.6
<b>Agronomic features</b>								
Resistance to lodging (1–9)	8	8	[9]	7	7	6	7	8
Straw length (cm)	118	114	[115]	105	116	108	108	113
Ripening (days +/- Firth, -ve = earlier)	0	-1	0	-1	0	-1	0	-1
<b>Disease resistance</b>								
Mildew (1–9)	9	8	8	6	8	7	6	7
Crown rust (1–9)	[4]	[5]	[4]	4	4	[5]	4	4
<b>Annual treated yield (% control)</b>								
2014 (8.9 t/ha)	[102]	[102]	-	[99]	[101]	[99]	[96]	[95]
2015 (8.7 t/ha)	[101]	[101]	[103]	[104]	[98]	[97]	[94]	[89]
2016 (8.3 t/ha)	[104]	[102]	[104]	[100]	[101]	[99]	[95]	[97]
2017 (7.2 t/ha)	[112]	[106]	[102]	[101]	[103]	[96]	[101]	[98]
2018 (6.3 t/ha)	[105]	[100]	[102]	[102]	[96]	[103]	[95]	[96]
<b>Breeder/ UK contact</b>								
Breeder	Nord	Nord	SE	Bau	Nord	Wier	KWS	IBERS
UK contact	SU	SU	Sen	Sen	SU	KWS	KWS	Sen
<b>Status in RL system</b>								
Year first listed	18	17	19	15	11	17	00	14
RL status	P2	-	P1	-	-	-	-	-

Average LSD (5%)	Year 4 Candidate	Described varieties		Year 4 Described candidate
	WPB Isabel	Oliver	Kamil	Madison
	<b>Husked variety</b>	<b>Naked varieties</b>		<b>Naked variety</b>
	-	UK	UK	-
4.2	103	74	63	72
4.9	[88]	60	56	[59]
0.9	[77.2]	-	-	-
0.8	[57.1]	64.6	67.4	[60.0]
2.3	[1.5]	[13.5]	[8.0]	[7.8]
1.3	-	7	8	-
2.8	[117]	113	116	[110]
1.0	0	0	0	-1
1.0	7	4	5	5
1.2	-	[3]	[4]	-
7.0	-	[72]	[64]	-
6.5	-	[74]	[64]	-
5.9	[102]	[72]	[61]	[72]
6.6	[111]	[77]	[62]	[70]
7.9	[100]	[71]	[67]	[71]
	-	Selg	Selg	-
	KWS	Cope	Cope	Sen
	-	18	18	-
	-	P2	P2	-

**Varieties no longer listed:** Montrose and Rozmar.

Naked spring oat varieties are described. Data are provided for information only and do not constitute a recommendation.

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

C = Yield control (for current table)  
 [ ] = Limited data  
 P1 = First year of recommendation  
 P2 = Second year of recommendation

Bau = Bauer, Germany  
 Cope = Trevor Cope Seeds ([www.trevorcopeseeds.co.uk](http://www.trevorcopeseeds.co.uk))  
 IBERS = Institute of Biological, Environ. & Rural Sciences ([www.aber.ac.uk](http://www.aber.ac.uk))  
 KWS = KWS UK ([www.kws-uk.com](http://www.kws-uk.com))  
 Nord = Nordsaat, Germany ([www.nordsaat.de](http://www.nordsaat.de))

SE = Saatzucht Edelfhof, Austria ([www.saatzucht.edelfhof.at](http://www.saatzucht.edelfhof.at))  
 Selg = Selgen, Czech Republic  
 Sen = Senova ([www.senova.uk.com](http://www.senova.uk.com))  
 SU = Saaten Union UK ([www.saaten-union.co.uk](http://www.saaten-union.co.uk))  
 Wier = Wiersum BV, Netherlands

LSD = Least significant difference  
 Average LSD (5%): Varieties that are more than one LSD apart are significantly different at the 95% confidence level.