

AHDB Recommended List

Spring oats 2020



Variety type	Delfin	WPB Isabel	Elison	Yukon	Aspen	Canyon	WPB Eliyann	Conway	Firth	Average LSD (5%)
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	
		NEW			C	C	C			
UK yield (% treated control)										
Fungicide-treated (7.5 t/ha)	105	104	104	103	102	101	98	95	94	5.1
Untreated (% of treated control)	99	89	96	98	85	93	87	86	81	5.1
Grain quality										
Kernel content (%)	73.6	76.8	73.7	74.3	75.2	74.0	78.1	75.6	75.9	1.0
Specific weight (kg/hl)	52.0	55.7	52.6	51.9	52.8	52.9	52.1	51.9	50.9	0.9
Screenings (% through 2.0mm)	3.1	2.3	3.0	3.0	2.3	2.2	2.7	2.8	3.0	1.6
Agronomic features										
Resistance to lodging (1–9)	8	[9]	[8]	8	7	7	6	8	7	0.9
Straw length (cm)	116	[114]	[113]	109	101	113	104	109	102	2.5
Ripening (days +/- Firth, -ve = earlier)	0	0	0	0	0	0	-1	0	0	1.1
Disease resistance										
Mildew (1–9)	9	6	8	8	6	8	6	7	6	0.7
Crown rust (1–9)	4	5	3	5	5	4	5	4	4	1.0
Annual treated yield (% control)										
2015 (8.8 t/ha)	[101]	-	[103]	[101]	[104]	[98]	[97]	[89]	[94]	7.0
2016 (8.3 t/ha)	[104]	[103]	[104]	[102]	[100]	[101]	[99]	[97]	[95]	4.7
2017 (7.2 t/ha)	[112]	[111]	[102]	[106]	[101]	[103]	[96]	[98]	[101]	6.7
2018 (6.3 t/ha)	[105]	[100]	[102]	[100]	[102]	[96]	[103]	[96]	[95]	7.9
2019 (6.8 t/ha)	[104]	[106]	[111]	[106]	[102]	[105]	[93]	[98]	[85]	13.1
Breeder/ UK contact										
Breeder	Nord	Weir	SE	Nord	Bau	Nord	Wier	IBERS	KWS	
UK contact	SU	KWS	Sen	SU	Sen	SU	KWS	Sen	KWS	
Status in RL system										
Year first listed	18	20	19	17	15	11	17	14	00	
RL status	-	P1	P2	-	-	-	-	-	-	

Described varieties		
Oliver	Madison	Kamil
Naked varieties		
UK	UK	UK
	NEW	
75	70	64
61	58	57
-	-	-
62.9	57.3	65.9
[7.8]	[7.7]	[4.7]
8	[7]	8
109	[105]	112
0	0	+1
5	5	6
3	4	4
[74]	-	[64]
[72]	[72]	[61]
[77]	[70]	[62]
[71]	[71]	[67]
[77]	[63]	[68]
Selg	IBERS	Selg
Cope	Sen	Cope
18	20	18
-	P1	-

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)
 IBERS = Institute of Biological, Environ. & Rural Sciences (www.aber.ac.uk)
 KWS = KWS UK (www.kws-uk.com)
 Nord = Nordsaat, Germany (www.nordsaat.de)

SE = Saatzucht Edelhof, Austria (www.saatzucht.edelhof.at)
 Selg = Selgen, Czech Republic
 Sen = Senova (www.senova.uk.com)
 SU = Saaten Union UK (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.