

Spring oats 2024



	Merlin	Asterion	WPB Isabel	Canyon	Lion	Conway	RGT Vaughan	Described			Year 4 candidate	Average LSD (5%)
Variety type	Husked							Naked			Husked	
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK		
Variety status		NEW	C	C					NEW			
UK yield (% treated control)												
Fungicide-treated (7.3 t/ha)	103	102	101	101	97	97	96	74	73	70	107	3.9
Untreated (% of treated control, 7.3 t/ha)	99	97	88	97	82	89	93	62	68	64	[102]	4.8
Disease resistance												
Mildew (1–9)	8	8	5	8	3	6	8	3	6	5	8	1.0
Crown rust (1–9)	[4]	[6]	5	4	[6]	4	[4]	4	[5]	[5]	-	0.9
Agronomic features												
Resistance to lodging without PGR (1–9)	8	[7]	7	7	7	7	[7]	7	[6]	[7]	[7]	0.8
Straw length without PGR (cm)	106	[110]	111	111	105	103	108	105	[109]	99	[113]	2.6
Ripening (days +/- WPB Isabel)	-2	0	0	-2	-1	-1	-2	-1	-2	-1	0	1.1
Grain quality												
Kernel content (%)	71.7	73.2	73.3	71.6	75.1	71.7	73.0	-	-	-	[73.2]	1.2
Specific weight (kg/hl)	50.7	51.3	52.9	50.9	51.2	49.1	51.7	59.1	54.6	57.2	[51.5]	1.3
Screenings (% through 2.0 mm)	1.9	2.6	2.3	2.9	2.7	2.6	2.7	-	-	-	[1.9]	0.8
Screenings (% through 1.8 mm)	-	-	-	-	-	-	-	7.0	15.2	13.8	-	1.9
Annual treated yield (% control)												
2019 (7.3 t/ha)	[108]	-	[101]	[101]	[99]	[94]	[96]	[75]	-	[67]	-	8.4
2020 (6.2 t/ha)	[100]	[99]	[102]	[103]	[94]	[101]	[102]	[75]	[78]	[76]	-	8.1
2021 (7.8 t/ha)	[103]	[103]	[102]	[101]	[97]	[99]	[95]	[73]	[72]	[66]	[105]	4.4
2022 (7.9 t/ha)	[103]	[101]	[100]	[101]	[99]	[96]	[97]	[73]	[73]	[70]	[110]	4.7
2023 (7.4 t/ha)	[102]	[103]	[103]	[98]	[99]	[94]	[93]	[73]	[73]	[73]	[104]	7.0
Breeder/UK contact												
Breeder	Selg	Nord	Wier	Nord	Nord	IBERS	R2n	Selg	IBERS	IBERS	Nord	
UK contact	Cope	SU	KWS	SU	SU	Sen	RAGT	Cope	Sen	Sen	SU	
Status in RL system												
Year first listed	22	24	20	11	22	14	23	18	24	22	-	
RL status	-	P1	-	-	-	-	P2	-	P1	-	-	

Varieties no longer listed: Aspen, Delfin and Kamil.

For this table, Aspen was also a control variety but is no longer listed.

Naked spring oat varieties are described. Data is provided for information only and does 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).

Candidate varieties will be considered for the DL 2025.

C = Yield control
 [] = Limited data
 PGR = Plant growth regulator
 P1 = First year of listing
 P2 = Second year of listing

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

Cope = Cope Seeds & Grain (copeseed.co.uk)
 IBERS = Institute of Biological, Environ. & Rural Sciences (aber.ac.uk/en/ibers)
 KWS = KWS UK (kws-uk.com)
 Nord = Nordsaat, Germany (nordsaat.de)
 R2n = RAGT, France (ragt.co.uk)

RAGT = RAGT Seeds (ragt.co.uk)
 Selg = Selgen, Czech Republic (selgen.eu)
 Sen = Senova (senova.uk.com)
 SU = Saaten Union UK (saaten-union.co.uk)
 Wier = Wiersum BV, Netherlands