

Winter oats 2024/25

Year 4 candidate



	RGT Southwark	Cromwell	Dalguise	Gerald	Mascani	Peloton	Fusion &	Grafton	Valentine	Average LSD (5%)
Variety type	Husked varieties					Naked varieties			Husked variety	
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK		
Variety status	C		C	*	C					
<b>UK yield (% treated control)</b>										
Fungicide-treated (9.1 t/ha)	105	103	101	95	95	77	73	72	102	3.0
Untreated (% of treated control, 9.1 t/ha)	94	89	83	82	83	71	59	62	87	4.8
<b>Disease resistance</b>										
Mildew (1–9)	4	3	4	4	6	8	4	4	7	1.4
Crown rust (1–9)	7	5	4	5	5	6	3	4	[4]	1.6
<b>Agronomic features</b>										
Resistance to lodging without PGR (1–9)	5	[9]	4	6	7	7	9	7	-	1.8
Straw length without PGR (cm)	133	106	131	125	125	125	86	128	[127]	4.7
Ripening (days +/- Mascani)	-1	0	-1	+1	0	+1	+2	-1	-1	1.0
<b>Grain quality</b>										
Kernel content (%)	72.5	74.7	72.6	70.5	75.3	-	-	-	73.3	0.9
Specific weight (kg/hl)	54.0	55.1	54.5	52.8	52.9	60.7	60.1	62.1	50.3	1.1
Screenings (% through 2.0 mm)	5.5	4.8	3.3	4.3	2.0	-	-	-	3.4	1.0
Screenings (% through 1.8 mm)	-	-	-	-	-	15.9	24.6	9.3	-	2.6
<b>Annual treated yield (% control)</b>										
2019 (9.3 t/ha)	105	[109]	99	98	96	78	76	77	-	5.9
2020 (8.3 t/ha)	105	101	101	94	95	75	73	70	-	5.2
2021 (9.1 t/ha)	105	-	100	93	95	75	70	69	[106]	5.8
2022 (9.7 t/ha)	105	98	102	94	93	77	71	70	[102]	4.8
2023 (9.1 t/ha)	105	105	101	96	95	78	72	70	100	6.4
<b>Breeder/UK contact</b>										
Breeder	R2n	IBERS	Sen	IBERS	IBERS	IBERS	IBERS	IBERS	IBERS	
UK contact	RAGT	Sen	Sen	Sen	Sen	Sen	Sen	Sen	Sen	
<b>Status in RL system</b>										
Year first listed	18	23	03	93	04	17	10	00	-	
RL status	-	P2	-	*	-	-	-	-	-	

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 RL 2025/26.

C = Yield control  
 & = Dwarf variety  
 \* = Variety no longer under test in RL trials

PGR = Plant growth regulator  
 [ ] = Limited data  
 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

IBERS = Institute of Biological, Environ. & Rural Sciences ([aber.ac.uk](http://aber.ac.uk))  
 R2n = RAGT, France ([ragt.co.uk](http://ragt.co.uk))

RAGT = RAGT Seeds ([ragt.co.uk](http://ragt.co.uk))  
 Sen = Senova ([senova.uk.com](http://senova.uk.com))