Winter oats 2023/24

AHDB RECOMMENDED

	RGT Southwark	Cromwell	Dalguise	Gerald	Mascani	Peloton	Fusion #	Grafton	Average LSD (5%)
Variety type		Husked varieties					Naked varieties		
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	
Variety status	C	NEW	C		C				
UK yield (% treated control)									
Fungicide-treated (9.1 t/ha)	104	102	101	96	95	76	74	72	3.2
Untreated (% of treated control, 9.1 t/ha)	96	86	84	81	84	70	59	62	5.2
Grain quality									
Kernel content (%)	72.6	74.9	72.8	70.9	75.7	-	-	-	1.0
Specific weight (kg/hl)	53.9	55.3	54.7	53.2	53.5	61.6	60.5	62.9	1.1
Screenings (% through 2.0 mm)	6.0	5.2	3.6	4.6	2.0	-	-	-	1.3
Screenings (% through 1.8 mm)	-	-	-	-	-	18.3	27.9	11.2	3.1
Agronomic features									
Resistance to lodging without PGR (1–9)	5	[8]	4	6	6	7	9	7	1.9
Straw length without PGR (cm)	128	103	127	122	122	120	81	126	4.3
Ripening (days +/- Mascani)	-1	+1	-1	+1	0	+1	+2	-1	0.9
Disease resistance									
Mildew (1–9)	4	3	4	4	6	8	4	4	1.0
Crown rust (1–9)	8	5	4	4	5	6	3	4	1.1
Treated yields with and without PGR (% treated control)									
With PGR (9.2 t/ha)	104	101	101	96	95	76	72	72	3.1
Without PGR (9.0 t/ha)	104	104	100	96	96	77	77	74	6.5
Annual treated yield (% control)									
2018 (9.3 t/ha)	101	[104]	102	99	97	76	76	74	3.4
2019 (9.3 t/ha)	105	[109]	99	98	96	78	76	77	6.1
2020 (8.3 t/ha)	105	101	101	94	95	75	73	70	5.5
2021 (9.1 t/ha)	105	-	100	93	95	75	70	69	6.0
2022 (9.7 t/ha)	105	98	102	94	93	77	71	70	4.4
Breeder/UK contact									
Breeder	R2n	IBERS	Sen	IBERS	IBERS	IBERS	IBERS	IBERS	
UK contact	RAGT	Sen	Sen	Sen	Sen	Sen	Sen	Sen	
Status in RL system									
Year first listed	18	23	03	93	04	17	10	00	
RL status	-	P1	-	-	-	-	-	-	

Varieties no longer listed: RGT Lineout.
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
# = Dwarf variety
PGR = Plant growth regulator

[ ] = 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

IBERS = Institute of Biological, Environ. & Rural Sciences (**aber.ac.uk**)
R2n = RAGT, France (**ragt.co.uk**)

RAGT = RAGT Seeds (**ragt.co.uk**)
Sen = Senova (**senova.uk.com**)