

AHDB Recommended List

Winter oats 2020/21



Variety type	RGT Southwark	RGT Lineout	Dalguise	Mascani	Gerald	Peloton	Grafton	Fusion \$	Average LSD (5%)	Penrose
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK		Not added to Recommended List
	C		C	C						
UK yield (% treated control)										
Fungicide-treated (8.9 t/ha)	104	100	99	97	96	77	73	72	3.0	101
Grain quality										
Kernel content (%)	73.9	73.9	74.1	76.7	71.7	-	-	-	1.0	74.7
Specific weight (kg/hl)	54.2	52.3	54.3	53.3	52.8	63.3	63.7	61.5	1.2	51.2
Screenings (% through 2.0mm)	6.3	6.9	3.9	1.7	4.8	28.5	15.5	35.0	2.3	2.4
Agronomic features										
Resistance to lodging (1-9)	5	6	4	6	6	6	7	8	1.1	[6]
Straw length (cm)	122	114	121	118	118	115	120	81	2.8	115
Ripening (days +/- Mascani, -ve = earlier)	-1	-2	-1	0	+2	+1	-1	+3	0.9	+3
Disease resistance										
Mildew (1-9)	3	3	4	6	4	7	4	4	1.5	4
Crown rust (1-9)	8	5	4	6	5	6	4	3	0.9	[5]
Treated yields with and without PGR (% treated control)										
With PGR (9.0 t/ha)	103	100	99	97	96	76	72	71	3.1	101
Without PGR (8.8 t/ha)	104	100	99	97	96	78	74	73	3.3	101
Annual treated yield (% control)										
2015 (9.5 t/ha)	[103]	100	101	96	98	79	75	71	4.8	-
2016 (8.6 t/ha)	106	100	97	97	94	73	70	68	5.5	[101]
2017 (8.0 t/ha)	102	100	98	100	93	78	69	69	6.2	[102]
2018 (9.3 t/ha)	101	100	102	97	99	76	74	76	2.5	102
2019 (9.3 t/ha)	105	100	99	96	98	78	77	76	4.9	101
Breeder/UK contact										
Breeder	R2n	R2n	Sen	IBERS	IBERS	IBERS	IBERS	IBERS		IBERS
UK contact	RAGT	RAGT	Sen	Sen	Sen	Sen	Sen	Sen		Sen
Status in RL system										
Year first listed	18	16	03	04	93	17	00	10		
RL status	-	-	-	-	-	-	-	-		

Varieties no longer listed: Griffin.

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

C = Yield control (for current table)
\$ = Dwarf variety

IBERS = Institute of Biological, Environ. & Rural Sciences (www.aber.ac.uk)
R2n = RAGT, France (www.ragt.co.uk)
RAGT = RAGT Seeds (www.ragt.co.uk)
Sen = Senova (www.senova.uk.com)

LSD = Least significant difference

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