

AHDB Recommended List - Table 11

Winter oats 2019/20



Variety type	RGT Southwark	Griffin	RGT Lineout	Dalguise	Mascani	Gerald	Peloton	Fusion \$	Grafton	Average LSD (5%)	Year 4 candidates	
	Husked varieties						Naked varieties				Galloway	Penrose
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK		Husked varieties	
			C	C	C						-	-
UK yield (% treated control)												
Fungicide-treated (8.8 t/ha)	105	103	101	100	99	98	78	73	72	3.5	104	103
Grain quality												
Kernel content (%)	74.7	74.8	74.6	74.9	77.2	72.5	-	-	-	1.1	72.8	75.0
Specific weight (kg/hl)	54.9	49.9	52.8	54.8	54.3	53.5	64.6	62.5	64.6	1.2	51.1	52.2
Screenings (% through 2.0mm)	5.9	4.0	6.1	3.6	1.5	4.2	26.6	35.0	14.9	2.7	2.1	1.5
Agronomic features												
Resistance to lodging (1-9)	4	3	6	3	6	6	6	8	6	1.6	[7]	[6]
Straw length (cm)	119	122	112	120	117	117	113	80	118	2.8	117	116
Ripening (days +/- Mascani, -ve = earlier)	-1	+1	-2	-1	0	+2	0	+3	-1	0.9	+1	+3
Disease resistance												
Mildew (1-9)	3	[5]	4	4	5	[4]	[7]	[4]	[4]	1.2	[8]	[4]
Crown rust (1-9)	8	5	5	4	6	5	6	3	4	0.8	[4]	[5]
Treated yields with and without PGR (% treated control)												
With PGR (8.8 t/ha)	104	103	101	100	98	98	77	72	70	3.5	104	103
Without PGR (8.7 t/ha)	105	103	101	100	99	98	79	74	73	3.4	104	102
Annual treated yield (% control)												
2014 (8.9 t/ha)	[106]	[110]	102	100	99	102	[81]	77	68	5.4	-	-
2015 (9.4 t/ha)	[105]	106	101	102	97	99	79	72	76	4.9	-	-
2016 (8.4 t/ha)	109	101	102	99	99	96	75	70	71	4.8	[101]	[103]
2017 (7.9 t/ha)	103	100	101	99	101	94	79	70	69	5.8	[109]	[103]
2018 (9.2 t/ha)	101	101	101	103	97	99	76	76	74	2.6	103	102
Breeder/UK contact												
Breeder	R2n	IBERS	R2n	Sen	IBERS	IBERS	IBERS	IBERS	IBERS		IBERS	IBERS
UK contact	RAGT	Sen	RAGT	Sen	Sen	Sen	Sen	Sen	Sen		Sen	Sen
Status in RL system												
Year first listed	18	17	16	03	04	93	17	10	00		-	-
RL status	P2	-	-	-	-	-	-	-	-		-	-

Varieties no longer listed: Beacon, Maestro and RGT Victorious.

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
 [] = Limited data
 P2 = Second year of recommendation

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.