

AHDB Recommended List - Table 11

Winter oats 2018/19



Variety type	RGT Victorious	RGT Southwark	Griffin	Maestro	RGT Lineout	Mascani	Dalguise	Gerald	Peloton	Beacon	Fusion \$	Grafton	Average LSD (5%)
Scope of recommendation	Husked varieties								Naked varieties				
	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	
		NEW			C	C	C			*			
UK yield (% treated control)													
Fungicide-treated (8.6 t/ha)	106	106	105	103	101	99	99	98	79	74	74	71	4.3
Grain quality													
Kernel content (%)	73.9	75.4	75.2	76.7	75.1	77.8	75.5	72.8	-	-	-	-	1.1
Specific weight (kg/hl)	52.9	55.3	50.3	51.8	53.1	54.5	54.8	53.7	65.0	64.9	63.6	65.1	1.1
Screenings (% through 2.0mm)	6.4	5.0	3.2	9.2	5.0	1.3	2.9	3.3	25.2	15.7	35.3	14.6	2.6
Agronomic features													
Resistance to lodging (1-9)	4	4	4	6	6	6	3	6	6	6	8	6	1.7
Straw length (cm)	119	116	120	109	110	113	118	115	110	114	80	115	2.8
Ripening (days +/- Mascani, -ve = earlier)	-1	-1	+2	0	-2	0	0	+3	+1	+1	+3	-1	1.0
Disease resistance													
Mildew (1-9)	4	3	5	4	4	5	4	4	6	5	3	4	1.6
Crown rust (1-9)	8	7	6	3	5	6	4	5	6	5	3	4	0.9
Treated yields with and without PGR as % treated control													
With PGR (8.7 t/ha)	107	105	104	102	101	100	99	97	77	73	73	69	4.3
Without PGR (8.6 t/ha)	106	107	104	103	102	99	100	99	81	75	75	73	3.5
Annual treated yield (% control)													
2013 (8.5 t/ha)	[105]	-	[113]	[93]	[100]	102	98	97	[81]	78	82	70	7.8
2014 (8.9 t/ha)	[110]	[106]	[110]	109	102	99	100	102	[81]	73	78	68	5.5
2015 (9.4 t/ha)	107	[105]	106	102	101	97	102	99	79	76	72	76	5.1
2016 (8.4 t/ha)	105	109	101	100	102	99	99	96	75	73	70	71	4.4
2017 (7.9 t/ha)	104	103	100	103	101	101	99	94	79	72	70	69	5.3
Breeder/UK contact													
Breeder	R2n	R2n	IBERS	IBERS	R2n	IBERS	Sen	IBERS	IBERS	IBERS	IBERS	IBERS	
UK contact	RAGT	RAGT	Sen	Sen	RAGT	Sen	Sen	Sen	Sen	Sen	Sen	Sen	
Status in RL system													
Year first listed	17	18	17	16	16	04	03	93	17	14	10	00	
RL status	P2	P1	P2	-	-	-	-	-	P2	*	-	-	

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

UK = recommended for the UK

P1 = first year of recommendation

P2 = second year of recommendation

C = yield control (for current table)

[] = limited data

* = variety no longer in trials

Cope = Trevor Cope Seeds (www.trevorcopeseeds.co.uk)

IBERS = Institute of Biological, Environmental & Rural Sciences

RAGT = RAGT Seeds (www.ragt.co.uk)

R2n = RAGT, France (www.ragt.co.uk)

SE = Saatucht Edelfhof, Austria

Sen = Senova (www.senova.uk.com)

\$ = dwarf variety

LSD = least significant difference

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