

AHDB Recommended List - Table 11

Winter oats 2016/17



	NEW		NEW		C	C				Year 4 Candidates				
	Maestro	RGT Lineout	Gerald	Dalguise	Mascani ~	Fusion \$	Beacon	Grafton	Average LSD (5%)	Griffin	RGT Victorious	Wenlock \$	Peloton	Fergus
Variety type	Husked varieties					Naked varieties				Husked varieties			Naked variety	Husked variety
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK		Candidate	Candidate	Candidate	Candidate	Not added to the RL
UK yield (% treated control)														
Fungicide-treated (8.4 t/ha)	105	102	100	100	97	75	73	71	5.1	109	108	105	79	103
Grain quality														
Kernel content (%)	77.1	76.3	74.1	76.0	78.0	-	-	-	1.2	75.5	74.0	73.8	-	73.9
Specific weight (kg/hl)	52.1	53.2	53.8	54.7	54.8	64.1	65.5	65.3	1.5	51.1	53.9	50.8	67.2	49.8
Screenings % through 2.0mm	8.9	4.5	3.0	3.2	1.4	38.6	16.8	16.3	4.0	2.4	6.8	4.3	25.7	3.3
Agronomic features														
Resistance to lodging	[5]	[7]	5	4	6	8	5	5	1.5	[5]	[2]	[5]	[6]	[6]
Straw length (cm)	109	111	115	117	114	82	114	116	3.4	120	119	100	111	110
Ripening (days +/- Mascani, -ve = earlier)	-1	-2	+2	-1	0	+2	0	-1	1.2	+1	-1	+2	0	0
Disease resistance														
Mildew	[5]	[4]	3	3	5	3	8	3	1.6	[5]	[3]	[2]	[6]	[7]
Crown rust	4	6	5	4	7	3	5	5	1.4	6	8	6	7	5
Treated yields (+/- PGR as % control)														
With PGR (8.5 t/ha)	105	102	99	101	97	74	72	69	5.6	110	109	102	76	102
Without PGR (8.4 t/ha)	106	102	102	100	97	76	74	73	5.1	108	108	107	82	104
Annual treated yield (% control)														
2011 (7.8 t/ha)	-	-	107	103	95	80	[77]	72	12.0	-	-	-	-	-
2012 (7.3 t/ha)	[112]	[104]	101	103	94	66	65	73	9.1	-	-	-	-	[101]
2013 (8.6 t/ha)	[90]	[97]	95	96	100	80	76	68	7.4	[110]	[102]	[111]	[79]	[107]
2014 (9.0 t/ha)	107	100	100	98	97	76	72	67	4.9	[108]	[108]	[103]	[80]	102
2015 (9.3 t/ha)	102	101	99	102	98	72	75	75	3.5	106	107	102	79	102
Breeder/ UK contact														
Breeder	IBERS	R2n	IBERS	Sen	IBERS	IBERS	IBERS	IBERS		IBERS	R2n	IBERS	IBERS	IBERS
UK contact	Sen	RAGT	Sen	Sen	Sen	Sen	Sen	Sen		Sen	RAGT	Sen	Sen	Sen
Status in RL system														
Year first listed	16	16	93	03	04	10	14	00		-	-	-	-	-
RL status	P1	P1	-	-	-	-	-	-		-	-	-	-	-

Varieties no longer listed: Balado and Rhapsody

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

UK = recommended for the UK

C = yield control (for current table). For this table Balado was also a yield control but is no longer listed.

\$ = Fusion and Wenlock are dwarf varieties

~ = a race of crown rust has been identified which may affect Mascani but infection levels in trials have been low so far.

P1 = first year of recommendation

[] = limited data

LSD = least significant difference

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

IBERS = Institute of Biological, Environmental & Rural Sciences (www.aber.ac.uk)

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

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

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