

AHDB Recommended List (Table 11)

Winter oats 2017/18

	RECOMMENDED		NEW		NEW		C		C		NEW		Year 4 candidates				Not added			
	RGT Victorious	Griffin	Maestro	RGT Lineout	Dalguise	Gerald	Mascani ~	Peloton	Fusion \$	Beacon	Grafton	Average LSD (5%)	RGT Southwark	Vodka	Coracle	Eagle	Wenlock \$			
Variety type	Husked varieties											Naked varieties				Husked varieties				Husked Variety
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	4.5	Candidate	Candidate	Candidate	Candidate	Not added			
UK yield (% treated control)																				
Fungicide-treated (8.5 t/ha)	107	106	103	101	100	98	98	78	73	73	71	4.5	107	106	104	102	104			
Grain quality																				
Kernel content (%)	74.2	75.9	76.8	75.9	75.8	73.8	78.0	-	-	-	-	1.2	75.8	75.6	75.2	75.6	73.7			
Specific weight (kg/hl)	52.8	50.3	51.6	52.7	54.4	53.6	54.4	65.9	64.1	65.6	65.3	1.2	54.8	54.3	51.7	53.5	50.5			
Screenings (% through 2.0mm)	6.8	2.7	9.1	5.0	3.4	3.2	1.3	26.4	38.4	16.9	17.0	4.1	5.0	2.3	2.0	5.2	4.3			
Agronomic features																				
Resistance to lodging (1-9)	3	5	6	6	4	5	7	6	8	6	6	1.7	[4]	[6]	[4]	[1]	6			
Straw length (cm)	120	120	110	112	120	116	115	112	83	115	116	3.4	118	113	114	120	100			
Ripening (days +/- Mascani, -ve = earlier)	-1	+1	-1	-2	-1	+2	+0	+0	+2	+0	-2	1.1	-2	+0	+1	-3	+2			
Disease resistance																				
Mildew (1-9)	4	5	4	4	3	3	5	6	3	7	3	1.8	2	2	4	4	2			
Crown rust (1-9)	8	5	4	6	4	5	6	6	3	5	5	0.8	7	6	6	4	5			
Treated yields with and without PGR as % treated control																				
With PGR (8.6 t/ha)	108	106	103	102	101	98	98	76	72	72	70	5.2	107	106	105	104	102			
Without PGR (8.5 t/ha)	106	105	104	102	99	99	97	79	74	74	73	4.3	108	107	103	100	105			
Annual treated yield (%control)																				
2012 (7.3 t/ha)	-	-	[112]	[104]	103	101	94	-	66	65	73	9.6	-	-	-	-	-			
2013 (8.6 t/ha)	[102]	[110]	[91]	[98]	96	95	100	[79]	80	76	68	7.3	-	-	-	-	[111]			
2014 (9.0 t/ha)	[108]	[108]	107	100	98	100	97	[80]	76	72	67	5.6	[104]	[105]	[101]	[104]	[103]			
2015 (9.3 t/ha)	107	106	102	101	102	99	98	79	72	75	75	4.6	[104]	[106]	[107]	[99]	102			
2016 (8.3 t/ha)	106	101	100	103	100	97	100	75	70	73	72	4.4	109	106	103	101	102			
Breeder/ UK contact																				
Breeder	R2n	IBERS	IBERS	R2n	Sen	IBERS	IBERS	IBERS	IBERS	IBERS	IBERS		R2n	Mom	IBERS	SE	IBERS			
UK contact	RAGT	Sen	Sen	RAGT	Sen	Sen	Sen	Sen	Sen	Sen	Sen		RAGT	KWS	Sen	Cope	Sen			
Status in RL system																				
Year first listed	17	17	16	16	03	93	04	17	10	14	00		-	-	-	-	-			
RL status	P1	P1	P2	P2	-	-	-	P1	-	-	-		-	-	-	-	-			

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 C = yield control (for current table). For this table, Balado was also a yield control but is no longer listed.
 P1 = first year of recommendation [] = limited data
 P2 = second year of recommendation

~ A race of crown rust has been identified which may affect Mascani but infection levels in trials have been low so far
 \$ = Fusion and Wenlock are dwarf varieties

LSD = least significant difference
 Average LSD (5%): varieties that are more than one LSD apart are significantly different at the 95% confidence level

Cope = Trevor Cope Seeds (www.trevorcopeseeds.co.uk)
 IBERS = Institute of Biological, Environmental & Rural Sciences
 KWS = KWS UK (www.kws-uk.com)
 Mom = Moment, France
 RAGT = RAGT Seeds (www.ragt.co.uk)
 R2n = RAGT, France (www.ragt.co.uk)
 SE = Saatzucht Edelhof, Austria
 Sen = Senova (www.senova.uk.com)