

HGCA Recommended List® Winter oats 2014/15

	New		C	C	C	New				Candidates	
	Rhapsody	Balado \$	Dalguise	Gerald	Mascani ~	Fusion \$	Beacon	Grafton	Average LSD (5%)	Selwyn	Elgar
Variety type	Conventional husked varieties					Naked varieties				Husked	
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK		Candidate	Candidate
UK yield as % treated control (8.2 t/ha)											
Fungicide treated	109	105	101	101	98	76	74	73	5.0	108	104
Grain quality											
Kernel content (%)	72.3	72.8	75.7	73.5	78.1	-	-	-	0.9	73.6	76.0
Specific weight (kg/hl)	50.0	49.3	54.1	53.1	54.2	63.7	65.5	64.7	1.1	50.0	49.4
Screenings % through 2.0mm	2.6	3.3	3.5	3.1	1.7	39.0	15.8	15.7	4.2	5.0	5.8
Agronomic features											
Resistance to lodging	[5]	8	4	6	6	9	[6]	6	1.8	-	-
Straw length (cm)	104	86	114	110	109	84	108	111	3.0	104	101
Ripening (days +/- Gerald, -ve = earlier)	0	+1	-1	0	-1	+1	-1	-1	1.3	-1	-1
Disease resistance											
Mildew	[8]	4	4	3	6	3	[9]	4	1.6	[8]	[8]
Crown rust	[6]	[3]	[3]	[5]	[8]	[3]	[6]	[5]	3.2	[6]	[6]
Status in RL system											
Year first listed	14	10	03	93	04	10	14	00		-	-
RL status	P1	-	-	-	-	-	P1	-		-	-

Variety no longer listed: Tardis

P1 = first year of recommendation

[] = limited data

C = yield control

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


\$ Balado and Fusion are dwarf varieties

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

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

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SUPPLEMENTARY DATA									
Recommended varieties									
New C C C New									
									
	Rhapsody	Balado \$	Dalguise	Gerald	Mascani ~	Fusion \$	Beacon	Grafton	Average LSD (5%)
Variety type	Conventional husked varieties					Naked varieties			
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK	
Breeder/ UK contact									
Breeder	IBERS	IBERS	Sen	IBERS	IBERS	IBERS	IBERS	IBERS	
UK contact	Sen	Sen	Sen	Sen	Sen	Sen	Sen	Sen	
Annual yields as % treated control									
UK 2009 treated yield (8.4 t/ha)	-	106	100	102	98	76	-	75	5.7
UK 2010 treated yield (8.9 t/ha)	[107]	107	103	98	99	78	[76]	72	6.0
UK 2011 treated yield (7.9 t/ha)	[107]	100	101	105	94	78	[76]	71	11.9
UK 2012 treated yield (7.3 t/ha)	113	104	103	102	95	67	66	74	8.9
UK 2013 treated yield (8.4 t/ha)	107	108	99	98	103	83	79	71	4.4
Treated yields with and without PGR as % treated control									
With PGR (8.4 t/ha)	109	106	101	101	98	76	74	72	5.1
Without PGR (7.5 t/ha)	[105]	102	100	104	96	78	[78]	74	19.7

Candidates	
Selwyn	Elgar
Husked	
Candidate	Candidate
IBERS	IBERS
Sen	Sen
-	-
-	-
[108]	[106]
[110]	[103]
108	105
108	104
[108]	[104]

All yields on this table are taken from treated trials receiving a full fungicide programme

Key to Breeder and UK contact codes:

IBERS =Institute of Biological, Environmental & Rural Sciences

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

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