

# HGCA Recommended List<sup>®</sup> Winter oats 2015/16



	Rhapsody	Balado \$	Dalguise	Gerald	Mascani ~	Fusion \$	Beacon	Grafton	Average LSD (5%)	04AW36CN2	05 82ACN19	RV10534
<b>Variety type</b>	Conventional husked varieties					Naked varieties				Conventional husked varieties		
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK		Candidate	Candidate	Candidate
<b>UK yield (% treated control)</b>												
Fungicide-treated (8.3 t/ha)	109	105	101	101	98	77	74	71	5.1	108	105	103
<b>Grain quality</b>												
Kernel content (%)	72.3	73.0	75.9	73.7	78.1	-	-	-	1.0	77.5	74.0	76.9
Specific weight (kg/hl)	50.2	49.6	54.4	53.4	54.5	63.7	65.2	65.0	1.1	51.9	49.5	53.1
Screenings % through 2.0mm	2.4	3.1	3.2	3.0	1.5	37.8	15.2	14.9	3.6	8.2	3.3	4.7
<b>Agronomic features</b>												
Resistance to lodging	-	[9]	[4]	[6]	[6]	[9]	-	[5]	1.8	-	-	-
Straw length (cm)	106	86	116	112	111	85	110	112	3.1	105	106	109
Ripening (days +/- Gerald, -ve = earlier)	0	+1	-1	0	-1	+1	0	-1	1.1	-2	-1	-3
<b>Disease resistance</b>												
Mildew	[8]	4	4	3	6	3	[9]	4	1.9	[5]	[8]	[5]
Crown rust	[6]	[3]	3	5	8	[3]	[5]	[5]	1.8	[3]	[4]	[7]
<b>Treated yields with and without PGR as % treated control</b>												
With PGR (8.3 t/ha)	109	106	101	101	98	77	74	71	4.9	108	105	103
Without PGR (7.9 t/ha)	[103]	[95]	[101]	[105]	[94]	[78]	[77]	[72]	28.1	-	-	-
<b>Breeder/ UK contact</b>												
Breeder	IBERS	IBERS	Sen	IBERS	IBERS	IBERS	IBERS	IBERS		IBERS	IBERS	R2n
UK contact	Sen	Sen	Sen	Sen	Sen	Sen	Sen	Sen		Sen	Sen	RAGT
<b>Status in RL system</b>												
Year first listed	14	10	03	93	04	10	14	00		-	-	-
RL status	P2	-	-	-	-	-	P2	-		-	-	-

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

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

P2 = second year of recommendation

[ ] = limited data

C = yield control (for current table)

IBERS = Institute of Biological, Environmental & Rural Sciences

Sen = Senova ([www.senova.uk.com](http://www.senova.uk.com))

RAGT = RAGT Seeds ([www.ragt.co.uk](http://www.ragt.co.uk))

R2n = RAGT, France ([www.ragt.co.uk](http://www.ragt.co.uk))

LSD = least significant difference

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

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

\$ Balado and Fusion are dwarf varieties

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