

HGCA Recommended List[®] Winter Oats 2009/10

Recommended varieties										
	C			C		C		*		
	Tardis	Brochan	Kinross	Dalguise	Mascani	Gerald	Expression	Hendon	Grafton	Average LSD (5%)
Variety type	Conventional husked varieties						Naked varieties			
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	
UK yield as % treated control (8.2 t/ha)										
Fungicide treated	105	102	101	101	100	99	80	79	75	3.8
Untreated with fungicide	[93]	[88]	92	83	93	84	68	71	66	6.0
Grain quality										
Kernel content (%)	72.9	77.7	74.9	75.7	78.1	72.6	-	-	-	1.0
Specific weight (kg/hl)	50.2	50.7	53.1	54.7	54.6	53.5	63.4	62.6	65.2	1.8
Screenings % through 2.0mm	[0.0]	[0.0]	0.5	0.2	0.1	0.2	23.0	45.3	14.1	6.2
Agronomic features										
Resistance to lodging	7	7	5	5	6	6	4	9	6	1.0
Straw length (cm)	113	110	130	123	119	120	132	83	124	2.9
Ripening (days +/- Gerald, -ve = earlier)	[-3]	[0]	0	-3	-2	0	0	0	-3	1.5
Winter hardiness #	8	7	7	8	7	8	7	7	8	0.4
Disease resistance										
Mildew	9	4	5	3	6	4	5	5	4	0.8
Crown rust	7	6	7	3	8 ~	5	5	4	6	1.9
Year first listed	07	07	04	03	04	93	04	03	00	

* = variety no longer in trial.

C = yield control

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

Winter hardiness is measured on a scale where scores above 5 indicate only leaf damage and not plant death

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

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Candidates	
Balado	Fusion
Husked	Naked
-	-
[110]	[77]
[95]	[65]
[74.3]	-
[52.0]	[65.1]
-	-
[8]	[8]
94	89
[+2]	[+2]
-	-
4	3
3	3
-	-

Balado and Fusion are candidates for recommendation in 2009

