

# HGCA Recommended List<sup>®</sup> spring oats 2011

Recommended varieties										
	P1		C	P1		C	C		*	
	Canyon	Ascot	Rozmar	Atego	Husky	SW-Argyle	Firth	Leven	Drummer	Average LSD (5%)
<b>Variety type</b>	Conventional husked varieties									
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	
<b>UK yield as % treated control (7.4 t/ha)</b>										
Fungicide treated	[106]	103	[101]	99	99	99	98	96	94	5.9
Untreated as % of treated	95	86	89	79	86	86	87	87	79	4.7
<b>Grain quality</b>										
Kernel content (%)	75.1	75.7	74.3	74.4	76.5	74.9	77.0	78.9	74.5	1.1
Specific weight (kg/hl)	53.4	51.8	52.3	52.0	54.0	52.3	52.6	53.2	53.3	1.2
Screenings % through 2.0mm	[0.5]	0.3	[0.2]	0.2	0.2	0.4	0.6	0.1	0.2	1.8
<b>Agronomic features</b>										
Resistance to lodging	[8]	7	[6]	6	7	7	7	8	5	1.2
Straw length (cm)	117	113	111	102	109	107	104	107	113	2.8
Ripening (days +/- Firth, -ve = earlier)	-2	+1	-2	-3	-3	+1	0	-3	0	1.5
<b>Disease resistance</b>										
Mildew	8	6	6	3	7	6	7	7	5	0.9
Crown rust	-	5	-	6	4	8	5	5	4	2.2
Year first listed	11	07	11	07	08	03	00	07	97	-
<b>Breeder/ UK contact</b>										
Breeder	Nord	Wier	Selg	Selg	Nord	LSW	KWS-L	KWS-L	KWS-L	
UK contact	SU	Lim	Cope	Cope	SU	Sen	KWS	KWS	Lim	
<b>Annual fungicide treated yields as % control</b>										
2006 (6.3 t/ha)	-	[103]	-	[106]	[99]	[101]	[99]	[93]	[90]	8.4
2007 (7.2 t/ha)	[112]	[101]	[100]	[96]	[103]	[99]	[96]	[95]	[95]	9.1
2008 (7.9 t/ha)	[96]	[106]	[99]	[98]	[96]	[99]	[98]	[92]	[88]	17.3
2009 (8.5 t/ha)	[109]	[105]	[100]	[99]	[101]	[98]	[94]	[95]	[99]	6.7
2010 (7.2 t/ha)	[100]	[100]	[100]	[98]	[97]	[97]	[103]	[104]	-	6.6

C = yield control [ ] = limited data  
 Average LSD 5%. Varieties that are more than one LSD apart are significantly different at the 5% confidence level  
 On the 1-9 scales high figures indicate that a variety shows the character to a high degree (e.g. high resistance)

## Key to breeder/agent codes:

Bauer = Bauer, Germany  
 Cope = Trevor Cope Seeds Ltd ([www.trevorcopeseeds.co.uk](http://www.trevorcopeseeds.co.uk))  
 IBERS = Institute of Biological, Environmental & Rural Sciences  
 KWS = KWS UK Ltd ([www.kws-uk.com](http://www.kws-uk.com))  
 KWS-L = KWS Lochow, Germany

Lim = Limagrain UK ([www.limagrain.co.uk](http://www.limagrain.co.uk))  
 LSW = Lantmännen SW Seed AB, Sweden  
 Nord = Nordsaat, Germany  
 Satn = Saturn Seeds ([www.saturnseeds.co.uk](http://www.saturnseeds.co.uk))  
 Selg = Selgen, Czech Republic

Sen = Senova Ltd ([www.senova.uk.com](http://www.senova.uk.com))  
 SU = Saaten Union UK Ltd ([www.saaten-union.co.uk](http://www.saaten-union.co.uk))  
 Wier = Wiersum, Netherlands

® = "HGCA RECOMMENDED LIST" is a registered trademark of AHDB

Candidates					Other varieties				
Valene	Olympic	Dominik	Gandalf	Circle	Zuton	Lennon			
Conventional husked varieties					Naked				
-	-	-	-	-	-	-			
[106]	[106]	[105]	[104]	[102]	69	[76]			
[94]	[92]	[84]	[93]	[84]	60	67			
[76]	[76]	[74]	[75]	[77]	-	-			
[51.2]	[51.3]	[52.0]	[52.0]	[53.8]	67.2	63.3			
[0.2]	[0.2]	[0.2]	[0.1]	[0.1]	[11.8]	[15.6]			
[7]	[7]	[8]	[6]	[7]	8	7			
103	108	102	110	109	101	102			
[0]	[-2]	[-3]	[-2]	[-2]	-2	-3			
7	7	4	6	4	6	6			
-	-	-	-	-	4	-			
-	-	-	-	-	-	-			
Wier	Wier	Bauer	Wier	LSW	IBERS	IBERS			
Lim	Lim	Cope/Satn	KWS	Sen	Sen	Sen			
-	-	-	-	-	[75]	[81]			
-	-	-	-	-	[64]	[75]			
[105]	[106]	-	[104]	-	[71]	[77]			
[104]	[103]	[107]	[102]	[100]	[70]	[76]			
[106]	[105]	[101]	[102]	[104]	-	-			

Circle, Dominik, Gandalf, Olympic and Valene are candidates for recommendation in 2011.

Lennon and Zuton are naked varieties that are not eligible for recommendation.