


# HGCA Recommended List<sup>®</sup> Spring oats 2014

	New		New		C	*			C*	*	Candidates			
	Monaco	Canyon	Conway	Firth	Rozmar	SW Argyle	Atego	Husky	Average LSD (5%)	Lennon	Aspen	Montrose	Glamis	
<b>RECOMMENDED</b>														
														
<b>Variety type</b>	Husked Varieties										Naked variety	Husked Varieties		
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK		-	Candidate	Candidate	Candidate	
<b>UK yield as % treated control (7.9 t/ha)</b>														
Fungicide treated	104	102	101	99	99	98	98	98	4.0	[72]	[110]	[106]	[102]	
Untreated as % of treated control	85	93	90	89	85	86	82	86	4.6	[64]	[94]	[91]	[90]	
<b>Grain quality</b>														
Kernel content (%)	74.8	76.3	77.7	78.6	75.2	76.4	76.2	78.2	1.0	-	[77]	[77]	[76]	
Specific weight (kg/hl)	51.3	54.8	54.3	54.2	53.4	53.3	53.2	55.4	0.8	64.2	[55]	[55]	[55]	
Screenings % through 2.0mm	[2]	0.8	[1]	1.3	1.6	0.8	1.8	1.1	1.9	[19]	[1]	[0]	[1]	
<b>Agronomic features</b>														
Resistance to lodging	[7]	[7]	[7]	7	[6]	[7]	[7]	7	1.1	[6]	[7]	[8]	[7]	
Straw length (cm)	102	115	106	104	112	109	101	107	2.3	101	[104]	[107]	[104]	
Ripening (days +/- Firth, -ve = earlier)	-2	-2	0	0	-2	+2	-3	-4	1.4	-2	-2	-1	-2	
<b>Disease resistance</b>														
Mildew	4	8	7	7	6	6	3	7	0.7	7	6	4	7	
Crown rust @	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Breeder/ UK contact</b>														
Breeder	SF	Nord	IBERS	KWS-L	Selg	LSW	Selg	Nord		IBERS	Bau	LSW	IBERS	
UK contact	Sen	SU	Sen	KWS	Cope	Sen	Cope	SU		Sen	Sen	Sen	Sen	
<b>Annual fungicide treated yields as % control</b>														
2009 (8.5 t/ha)	-	[109]	-	[94]	[100]	[98]	[99]	[101]	5.8	[76]	-	-	-	
2010 (7.2 t/ha)	[107]	[100]	[105]	[103]	[100]	[97]	[98]	[97]	7.4	-	-	-	-	
2011 (7.7 t/ha)	[105]	[107]	[104]	[99]	[100]	[105]	[99]	[99]	6.1	-	[110]	[107]	[107]	
2012 (7.8 t/ha)	[103]	[96]	[98]	[99]	[98]	[92]	[97]	[98]	9.1	[68]	[110]	[104]	[100]	
2013 (8.4 t/ha)	[101]	[98]	[98]	[101]	[99]	[99]	[98]	[95]	4.9	[73]	[107]	[105]	[99]	
<b>Status in RL system</b>														
Year first listed	14	11	14	00	11	03	07	08		-	-	-	-	
RL status	P1	-	P1	-	-	-	-	-		-	-	-	-	

Variety no longer listed: Ascot

C = yield control (includes Ascot which is no longer listed)

P1 = first year of recommendation

[ ] = limited data

Average LSD 5%. Varieties that are more than one LSD apart are significantly different at the 5% confidence level. Lennon is a naked variety that is not eligible for recommendation

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

@ limited data, not for publication

## Key to Breeder and UK contact codes:

Bau = Bauer, Germany

Cope = Trevor Cope Seeds ([www.trevorcopeseeds.co.uk](http://www.trevorcopeseeds.co.uk))

IBERS = Institute of Biological, Environmental & Rural Sciences

KWS = KWS UK ([www.kws-uk.com](http://www.kws-uk.com))

KWS-L = KWS Lochow, Germany

LSW = Lantmannen SW Seed, Sweden

Nord = Nordsaat, Germany

Selg = Selgen, Czech Republic

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

SF = Saatucht Firlbeck, Germany

SU = Saaten Union UK ([www.saaten-union.co.uk](http://www.saaten-union.co.uk))