

HGCA Recommended List[®] Spring Oats 2009

Recommended varieties									
	C	P2	C	C	*				
	Ascot	Husky	Atego	SW-Argyle	Firth	Winston	Drummer	Leven	Average LSD (5%)
Variety type	Conventional husked varieties								
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK	
UK yield as % treated control (7.3 t/ha)									
Fungicide treated	103	100	99	99	98	98	94	94	4.4
Untreated	88	88	80	89	88	88	83	86	4.3
Grain quality									
Kernel Content (%)	74.3	75.2	73.5	73.8	76.5	77.1	73.4	77.6	0.9
Specific weight (kg/hl)	52.5	54.6	53.1	53.6	54.0	54.6	54.4	54.1	1.0
Screenings % through 2.0mm	[0.3]	-	[0.2]	0.5	0.3	[0.1]	0.3	[0.1]	0.6
Agronomic features									
Resistance to lodging	7	7	6	7	6	7	5	8	1.0
Straw length (cm)	118	115	109	112	109	109	119	110	3.5
Ripening (days +/- Firth, -ve = earlier)	+1	-3	-2	+1	0	0	0	-2	1.4
Disease resistance									
Mildew	6	8	4	6	8	8	7	8	0.9
Crown rust	5	[4]	[6]	[8]	5	5	5	[5]	1.8
Year first listed	07	08	07	03	00	99	97	07	

P2 = second year of recommendation

C = yield control

Average LSD (least significant difference) 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)

[] = limited data


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Other varieties			
	Carron	Lennon	Zuton
	Conv	Naked	
	100	[79]	70
	89	[70]	64
	74.0	-	-
	53.1	68.1	[64.1]
	-	-	-
	7	[7]	7
	103	[105]	106
	-2	-3	-2
	8	[7]	7
	[5]	[9]	[4]
	-	-	-

Carron was grown in trials in 2008 but was not recommended.

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

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SUPPLEMENTARY DATA		Recommended varieties								
		C	P2	C	C	*				
		Ascot	Husky	Atego	SW-Argyle	Firth	Winston	Drummer	Leven	Average LSD (5%)
Variety type	Conventional husked varieties									
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK		
Breeder/ UK contact										
Breeder	Wier	Nord	Selg	Sval	Lpet	Lpet	Lpet	Lpet		
UK contact	Nick	SU	Cope	Sen	KWS	Nick	Nick	KWS		
Annual fungicide treated yields as % control										
2004 (7.2 t/ha)	[105]	-	[95]	-	99	98	96	[93]	5.0	
2005 (7.7 t/ha)	[102]	[102]	[104]	[98]	[99]	[100]	[95]	[98]	10.8	
2006 (6.4 t/ha)	[101]	[99]	[105]	[100]	[100]	[97]	[89]	[94]	8.5	
2007 (7.2 t/ha)	[103]	[105]	[97]	[101]	[96]	[98]	[96]	[95]	9.3	
2008 (8.0 t/ha)	[105]	[95]	[97]	[98]	[97]	-	[87]	[91]	13.7	

Other varieties			
	Carron	Lennon	Zuton
Conv	Naked varieties		
	KWS	IBERS	IBERS
	KWS	Sen	Sen
	-	-	-
	[103]	-	[75]
	[100]	[81]	[75]
	[101]	[79]	[64]
	[97]	[76]	[71]

All yields are taken from treated trials receiving a full fungicide and PGR programme

Key to breeder/agent codes:

Cope = Trevor Cope Seeds Ltd (www.trevorcopeseeds.co.uk)

IBERS = Institute of Biological, Environmental & Rural Sciences

KWS = KWS UK Ltd (www.kws.de)

Lpet = von Lochow-Petkus, Germany

Nick = Nickerson (www.nickersonseeds.co.uk)

Nord = Nordsaat, Germany

Selg = Selgen, Czech Republic

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

SU = Saaten Union UK Ltd (www.saaten-union.co.uk)

Sval = Svalöf Weibull AB, Sweden

Wier = Wiersum, Netherlands

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