


HGCA Recommended List[®] spring oats 2010

Recommended varieties								
	C		C		C		*	
	Ascot	Husky	Atego	SW-Argyle	Firth	Leven	Drummer	Average LSD (5%)
								
Variety type	Conventional husked varieties							
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	
UK yield as % treated control (7.5 t/ha)								
Fungicide treated	103	100	100	99	97	94	94	4.8
Untreated	86	87	80	87	86	85	80	4.4
Grain quality								
Kernel content (%)	75.4	76.1	74.5	74.7	77.2	78.5	74.2	1.0
Specific weight (kg/hl)	52.2	54.5	52.8	53.2	53.6	53.8	54.0	1.0
Screenings % through 2.0mm	0.3	[0.2]	0.2	0.5	0.2	0.1	0.3	2.2
Agronomic features								
Resistance to lodging	7	8	6	7	6	8	5	1.0
Straw length (cm)	118	114	109	112	110	112	119	3.1
Ripening (days +/- Firth, -ve = earlier)	+1	-3	-2	+1	0	-3	0	1.3
Disease resistance								
Mildew	5	7	3	5	7	7	5	0.9
Crown rust	5	4	6	8	5	5	4	2.5
Year first listed	07	08	07	03	00	07	97	-
Breeder/ UK contact								
Breeder	Wier	Nord	Selg	Sval	KWS-L	KWS-L	KWS-L	
UK contact	Nick	SU	Cope	Sen	KWS	KWS	Nick	
Annual fungicide treated yields as % control								
2005 (7.8 t/ha)	[101]	[101]	[103]	[96]	[98]	[97]	[92]	11.0
2006 (6.3 t/ha)	[103]	[99]	[106]	[101]	[99]	[93]	[90]	8.4
2007 (7.2 t/ha)	[101]	[103]	[96]	[99]	[96]	[95]	[95]	9.1
2008 (7.9 t/ha)	[106]	[96]	[98]	[99]	[98]	[92]	[88]	15.3
2009 (8.5 t/ha)	[105]	[101]	[99]	[98]	[94]	[95]	[99]	6.7

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:

Cope = Trevor Cope Seeds Ltd (www.trevorcopeseeds.co.uk)
 IBERS = Institute of Biological, Environmental & Rural Sciences
 KWS = KWS UK Ltd (www.kws-uk.com)
 KWS-L = KWS Lochow
 Nick = Nickerson (www.nickersonseeds.co.uk)

Variety no longer Listed: Winston

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

Nord = Nordsaat
 Selg = Selgen
 Sen = Senova Ltd (www.senova.uk.com)
 Sval = Svalöf Weibull AB
 SU = Saaten Union UK Ltd (www.saaten-union.co.uk)
 Wier = Landbouwbureau Wiersum BV

Candidates		Other varieties	
Canyon	Rozmar	Lennon	Zuton
Conventional		Naked	
[109]	[101]	[77]	70
[98]	[90]	68	62
[75]	[74]	-	-
[54.3]	[52.8]	63.9	67.8
[0.1]	[0.2]	[15.7]	[11.8]
[8]	[6]	7	8
123	116	107	107
-1	-2	-2	-2
9	5	6	6
-	-	-	4
-	-	-	-
Nord	Selg	IBERS	IBERS
SU	Cope	Sen	Sen
-	-	-	[75]
-	-	[81]	[75]
[112]	[100]	[75]	[64]
[96]	[99]	[77]	[71]
[109]	[100]	[76]	[70]

Canyon and Rozmar are candidates for recommendation in 2010.
 Lennon and Zuton are naked varieties so are not eligible for recommendation.