

HGCA Recommended List[®] Spring oats 2015

	NEW		NEW		C	C	C	*	*		*			
	Aspen	Montrose	Monaco	Canyon	Conway	Firth	Roznar	SW Argyle	Atego	Husky	Average LSD (5%)	Lennon †	Symphony	WPB Valdez
Variety type	Husked Varieties											Naked Variety	Husked Varieties	
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK		Described	Candidate	Candidate
UK yield (% treated control)														
Fungicide-treated (7.9 t/ha)	108	104	103	101	101	100	99	98	97	97	3.7	[71]	[102]	[102]
Untreated as % of treated control	[92]	[87]	82	93	88	87	83	85	77	83	5.8	[61]	[86]	[92]
Grain quality														
Kernel content (%)	[77.7]	[76.7]	75.1	76.2	77.9	78.7	75.1	76.6	76.3	78.6	1.1	-	[77.0]	[75.8]
Specific weight (kg/hl)	[55.2]	[55.7]	51.8	55.1	54.6	54.2	53.7	53.5	53.6	55.7	0.8	[64.5]	[53.3]	[51.8]
Screenings % through 2.0mm	[1.3]	[0.7]	[3.2]	1.2	[1.2]	2.3	2.6	[1.2]	3.0	[1.7]	1.8	[20.8]	[1.4]	[3.9]
Agronomic features														
Resistance to lodging	[7]	[8]	[7]	[7]	[7]	7	[6]	[7]	[7]	[7]	1.0	[6]	[7]	[8]
Straw length (cm)	105	108	104	115	108	106	113	111	103	109	2.4	[102]	[119]	[111]
Ripening (days +/- Firth, -ve = earlier)	[-2]	[-1]	-2	-2	0	0	-1	+2	-3	-3	+1	[-2]	[-1]	[-1]
Disease resistance														
Mildew	6	4	4	8	7	7	6	6	3	7	0.7	7	4	7
Crown rust	[4]	[3]	[4]	[4]	[4]	[4]	[8]	[9]	[4]	[5]	1.2	[5]	[4]	[7]
Breeder/ UK contact														
Breeder	Bau	Lant	SF	Nord	IBERS	KWS	Selg	Lant	Selg	Nord		IBERS	Nord	Wier
UK contact	Sen	Sen	Sen	SU	Sen	KWS	Cope	Sen	Cope	SU		Sen	SU	KWS
Annual yields (% treated control)														
2010 (7.2 t/ha)	-	-	[105]	[99]	[104]	[102]	[99]	[96]	[97]	[96]	5.5	-	-	-
2011 (7.8 t/ha)	[108]	[106]	[103]	[105]	[102]	[98]	[98]	[103]	[97]	[98]	5.5	-	-	-
2012 (7.7 t/ha)	[113]	[106]	[106]	[98]	[100]	[102]	[100]	[94]	[100]	[100]	10.4	[70]	[101]	[99]
2013 (8.1 t/ha)	[108]	[105]	[102]	[99]	[99]	[101]	[100]	[99]	[98]	[96]	5.1	[72]	[104]	[105]
2014 (8.8 t/ha)	[102]	[99]	[101]	[105]	[98]	[98]	[97]	-	[95]	-	7.0	-	[98]	[99]
Status in RL system														
Year first listed	15	15	14	11	14	00	11	03	07	08		-	-	-
RL status	P1	P1	P2	-	P2	-	-	*	-	*		*	-	-

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

UK = recommended for the UK

[] = limited data

P1 = first year of recommendation

P2 = second year of recommendation

LSD = least significant difference

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

C = yield control (for current table)

* = variety no longer in trial

Key to Breeder and UK contact codes:

Bau = Bauer, Germany

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

IBERS = Institute of Biological, Environmental & Rural Sciences

KWS = KWS UK (www.kws-uk.com)

Lant = Lantmannen SW Seed BV

Nord = Nordsaat, Germany

Selg = Selgen, Czech Republic

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

SF = Saatucht Firlbeck, Germany

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

Wier = Wiersum BV, Netherlands