

HGCA Recommended List® late autumn sown wheat 2008/09

	RECOMMENDED		C		*	P2	C		C	*	*	P2	*	*	*	*	P2	*	*	*	P2	P2	*	P2	*	*	P2	Average LSD (5%)					
	X119	Solstice	Mascot	Paragon +	Hereward	Malacca	Battalion	Einstei	Cordiale	Tyball +	Ashby +	Chablis +	Soissons	Robigus	Zebedee	Deben	Consort	Claire	Nijinsky	Belvoir +	Ambrosia	Glasgow	Istabraq	Timber	Gladiator	Oakley	Brompton	Humber	Alchem	Weiford	Gatsby	Zircon + \$	Average LSD (5%)
Recommendation	nabim Group 1				nabim Group 2				nabim Group 3				nabim Group 4																				
Scope of recommendation	UK				UK				UK				UK										Sp										
UK yield as % treated control																																	
UK yield with fungicide (8.8 t/ha)	106	102	97	95	-	94	[107]	105	103	103	102	100	94	107	104	103	99	99	98	110	110	110	108	[108]	107	[107]	106	[105]	105	104	[104]	104	9.0
Grain quality																																	
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	Soft	Soft	Soft	Hard	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard	Soft	Hard	Soft	Hard	
Protein content (%)	12.0	12.8	13.1	13.3	[13.5]	12.8	[12.6]	12.4	12.9	13.0	13.4	13.1	13.3	11.8	11.8	11.6	12.1	12.0	12.4	12.1	12.1	11.4	11.3	[12.4]	12.3	[11.3]	11.9	[11.9]	12.0	12.1	[12.2]	13.0	0.5
Hagberg falling number	260	256	237	247	[239]	260	[198]	233	269	252	249	291	223	157	227	168	178	204	195	205	183	155	160	[211]	237	[150]	184	[256]	205	231	[190]	158	45
Specific weight (kg/hl)	74.1	77.1	76.1	77.6	[77.0]	74.5	[73.9]	76.3	77.7	76.1	78.4	77.3	78.6	75.0	72.7	74.8	75.9	74.6	73.3	77.1	75.9	75.7	76.6	[75.7]	76.1	[73.8]	72.3	[75.7]	75.3	73.7	[75.0]	77.7	1.3
Agronomic features																																	
Resistance to lodging with PGR	[7]	[9]	[9]	7	-	8	[9]	[9]	[9]	[6]	7	5	[9]	[9]	[7]	[7]	[8]	8	[9]	[8]	[9]	[8]	[7]	[9]	[9]	[8]	[9]	[9]	[8]	[9]	[9]	[9]	2.4
Straw height with PGR (cm)	87	[85]	[83]	102	-	80	[83]	[81]	[76]	95	93	96	[85]	[83]	[85]	[86]	[80]	84	[81]	87	[80]	79	[89]	[86]	[76]	[77]	80	[81]	[85]	[73]	[85]	[88]	6.1
Ripening (+/- Paragon, -ve = earlier)	[+1]	[+1]	[0]	[0]	-	[-1]	[+3]	[+1]	[-2]	[-1]	[-1]	[-2]	[-3]	[+3]	[0]	[+3]	[+3]	[0]	[0]	[-1]	[-1]	[+1]	[+3]	[0]	[0]	[0]	[+1]	[+1]	[+3]	[+2]	[+4]	[-1]	3.4
Latest safe sowing date #	End Feb	End Jan	End Jan		End Jan	End Jan	[End Jan]	End Jan	End Jan				Mid Feb	End Feb	End Jan	Mid Feb	End Jan	End Feb	End Jan		Mid Feb	End Feb	End Feb	End Feb	End Jan	End Feb	End Jan	End Jan	End Feb	End Jan	End Feb		
Disease resistance																																	
Mildew	7	5	6	6	6	6	7	6	7	[9]	7	[6]	7	6	6	6	6	4	6	[6]	6	6	5	8	6	6	3	5	7	6	7	8	
Yellow rust	9	9	5	9	5	8	8	6	6	[8]	9	8	8	3	9	9	7	9	8	[9]	6	4	9	9	8	6	8	8	9	7	9	8	
Brown rust	6	4	5	8	5	6	9	5	4	[9]	7	7	4	6	3	4	3	5	5	[7]	7	5	5	9	8	6	7	7	4	6	8	[7]	
Septoria tritici	5	5	5	5	5	5	6	5	5	6	5	7	6	7	6	6	4	6	5	5	4	5	5	7	5	5	5	6	6	5	7	5	
Year first listed	02	02	06	99	91	99	07	03	04	03	01	95	95	03	07	01	95	99	04	03	05	05	04	07	04	07	05	07	06	04	06	07	

P2 = second year of listing * = variety no longer in trials C = yield control Sp = Specific recommendation
 [] = limited data += spring wheat \$ Zircon is specifically recommended as a white-grained wheat. It has yet to be classified by nabim
 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)
 Data for winter wheat varieties is given for comparison only and do not constitute a Recommended List but the data are directly comparable with those for spring wheat
 There are insufficient data to provide late autumn listings for newer winter wheat varieties and their absence from the table does not imply that they are unsuitable for late-autumn sowing
 # = latest safe sowing date is the advised latest date to give sufficient cold for flowering. Spring wheats have no vernalisation requirement

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

HGCA Recommended List[®] late autumn sown wheat 2008/09

SUPPLEMENTARY DATA

	RECOMMENDED		C	*	P2	C	C	*	*	P2	*	*	*	*	P2	*	*	*	*	P2	P2	*	P2	*	*	P2	Average LSD (5%)						
	X119	Solstice	Mascot	Paragon	Hereward	Malacca	Battalion	Einstein	Cordiale	Tybalt	Ashby	Chablis	Soissons	Robigus	Zebedee	Deben	Consort	Claire	Nijnsky	Belvoir	Ambrosia	Glasgow	Istabraq	Timber	Gladiator	Oakley	Brompton	Humber	Alchemy	Welford	Gatsby	Zircon	Average LSD (5%)
Recommendation	nabim Group 1			nabim Group 2					nabim Group 3					nabim Group 4																			
Scope of recommendation	UK			UK					UK					UK										Sp									
Breeder/ UK contact																																	
Breeder	Nick	Nick	RAGT	RAGT	RAGT	KWS	RAGT	Nick	KWS	Wier	KWS	KWS	Depr	KWS	Nick	Nick	RAGT	Nick	Nick	KWS	RAGT	SU	Nick	SU	RAGT	KWS	Els	KWS	Nick	Els	Nick	KWS	
UK contact	Nick	Nick	RAGT	RAGT	RAGT	KWS	RAGT	Nick	KWS	Nick	KWS	KWS	Els	KWS	Nick	Nick	RAGT	Nick	Nick	KWS	RAGT	SU	Nick	SU	RAGT	KWS	Els	KWS	Nick	Els	Nick	KWS	
Annual yield as % control																																	
2003 treated (9.3 t/ha)	[103]	[100]	-	[97]	-	[92]	-	[101]	[101]	[103]	[101]	[104]	-	[104]	-	[103]	[98]	[99]	[100]	[112]	-	-	[111]	-	[105]	-	-	-	-	[103]	-	-	7.3
2004 treated (9.5 t/ha)	[119]	[113]	-	[96]	-	[105]	-	[116]	[113]	[99]	[105]	[102]	-	[121]	-	[110]	[109]	[112]	[115]	[118]	[121]	[120]	[117]	-	[116]	-	[120]	-	-	[117]	-	[107]	8.4
2005 treated (8.9 t/ha)	[109]	[102]	[100]	[96]	-	[96]	-	[106]	[105]	[100]	[104]	[103]	[93]	[109]	[108]	-	[102]	[96]	[101]	[112]	[110]	[113]	[110]	-	[110]	-	[109]	-	[111]	[107]	[106]	[102]	7.6
2006 treated (8.9 t/ha)	[105]	[98]	[95]	[95]	-	[90]	[105]	[101]	[100]	[104]	[101]	[97]	[92]	[99]	[104]	[98]	[93]	[93]	[83]	[105]	[104]	[106]	[99]	[106]	[101]	[103]	[100]	[103]	[100]	[93]	[99]	[100]	7.7
2007 treated (7.2 t/ha)	[90]	-	[84]	[93]	-	-	[95]	-	-	[108]	[99]	-	[88]	-	[86]	-	-	-	-	[101]	-	[97]	-	[98]	-	[97]	[92]	[95]	[92]	-	-	[102]	10.9
Agronomic features																																	
Lodging % with PGR	5	1	2	8	-	3	1	1	1	14	7	53	1	1	8	5	2	3	2	3	1	2	5	1	1	4	1	1	2	1	1	1	

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

Key to breeder/agent codes:

Depr = Maison Florimond Desprez, France
 Els = Elsom's Seeds Ltd (www.elsoms.com)
 KWS = KWS UK Ltd (www.kws.de)

Nick = Nickerson (www.nickersonseeds.co.uk)
 RAGT = RAGT Seeds Ltd (www.ragt.co.uk)

SU = Saaten Union (www.saaten-union.co.uk)
 Wier = Landbouwbureau Wiersum BV

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