

HGCA Recommended List[®] late autumn sown wheat 2007/08

	P2		C	C*		C	P1			*	P2		P2	*	P2	*	*	*	P1	LSD Average												
	Xi19	Soistice	Mascot	Malacca	Paragon +	Einstein	Cordiale	Tyballt +	Chabilis +	Ashby +	Soissons	Zebedee	Robigus	Deben	Consort	Claire	Nijinsky	Glasgow	Belvoir +	Ambrosia	Istabraaq	Brompton	Alchemy	Gladiator	Hyperion	Richmond	Gatsby	Access	Welford	Napier	Zircon + \$	LSD Average
Recommendation	nabim Group 1				nabim Group 2							nabim Group 3					nabim Group 4															
Scope of recommendation	UK				UK							UK					UK									Sp						
Main market options																																
Nabim Group	1	2	2	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	-
UK yield as % treated control																																
UK yield with fungicide (9.7 t/ha)	108	104	[101]	97	96	108	106	103	103	102	96	[109]	108	105	102	101	101	113	112	112	111	110	[109]	109	[108]	108	[107]	107	106	[105]	104	7.4
Grain quality																																
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Hard	Soft	Soft	Hard	Soft	Hard	Soft	Hard	Soft	Hard	Hard	Hard	Hard	
Protein content (%)	11.9	12.5	12.8	12.5	13.0	12.1	12.6	12.8	12.8	13.2	13.2	11.3	11.5	11.3	11.7	11.8	12.1	11.0	11.8	11.8	10.9	11.5	11.7	12.1	12.0	11.9	12.0	11.3	11.9	11.9	13.0	0.5
Hagberg falling number	259	259	232	253	253	230	265	254	305	245	217	225	154	163	178	196	187	157	201	185	158	185	193	236	188	230	189	206	234	124	164	49
Specific weight (kg/hl)	74.7	77.5	76.5	74.9	77.8	76.5	78.1	76.0	77.8	78.5	79.0	73.2	75.3	74.9	75.9	74.9	73.3	76.0	76.9	76.0	76.9	72.7	75.8	76.4	76.3	77.6	75.3	75.0	73.8	75.0	77.2	1.3
Agonomic features																																
Resistance to lodging with PGR	8	9	[9]	8	7	9.1	9	5	5	7	[9]	[7]	9	7	9	8	9	[9]	9	[9]	8	[9]	[9]	9	[7]	[9]	[9]	[9]	9	[9]	9	2.5
Straw height with PGR (cm)	83	81	[80]	75	97	77	71	90	91	89	76	[77]	78	82	75	79	76	75	83	75	84	73	[81]	72	[72]	75	[80]	71	68	[73]	[86]	3.3
Ripening (+/- Chabilis, -ve = earlier)	+3	+2	+1	+1	+2	+3	-1	-1	0	+1	-3	+2	+5	+4	+4	+2	+2	+2	+1	+0	+5	+2	+6	+1	+1	+2	+6	+3	+3	+3	0	3.0
Latest safe sowing date #	End Feb	End Jan	[End Jan]	End Jan	-	End Jan	End Jan	-	-	-	Mid Feb	[End Jan]	End Feb	Mid Feb	End Jan	End Feb	End Jan	[End Feb]	-	Mid Feb	End Feb	End Feb	[End Jan]	End Jan	[End Jan]	End Jan	[Mid Feb]	End Jan	End Jan	End Jan	-	-
Disease resistance																																
Mildew	7	4	6	6	[7]	6	6	[9]	[6]	[7]	6	6	7	6	6	4	6	7	[5]	6	5	4	7	6	6	5	7	7	6	6	[8]	
Yellow rust	9	9	5	9	9	6	6	8	8	9	7	9	3	9	6	9	8	4	9	5	9	8	9	8	5	8	9	3	7	4	8	
Brown rust	7	4	5	6	8	6	3	9	7	8	4	4	9	4	3	5	5	5	7	7	5	7	4	8	9	9	8	8	6	8	9	
<i>Septoria nodorum</i>	6	6	[6]	7	[8]	5	5	-	[7]	[7]	6	[6]	8	6	4	8	6	5	-	5	8	6	[8]	6	[6]	6	[8]	6	6	6	-	
<i>Septoria tritici</i>	5	5	5	5	6	5	5	7	6	5	5	5	6	6	4	6	5	5	4	4	5	5	7	5	5	5	7	5	5	4	6	
Year first listed	02	02	06	99	99	03	04	03	95	01	95	07	03	01	95	99	04	05	03	05	04	05	06	04	06	03	06	02	04	00	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.

Varieties no longer Listed: Morph and Wallace.

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SUPPLEMENTARY DATA

	RECOMMENDED		P2	C	C	C	P1	*	P2	P2	*	P2	*	*	*	P1	LSD Average																
	X19	Solstice	Mascot	Malacca	Paragon	Einstein	Cordiale	Tybait	Chablis	Ashby	Soissons	Zebedee	Robigus	Deben	Consort	Claire	Nijinsky	Glasgow	Belvoir	Ambrosia	Istabraq	Brompton	Alchemy	Gladiator	Hyperion	Richmond	Gatsby	Access	Welford	Napier	Zircon	LSD Average	
Recommendation	nabim Group 1				nabim Group 2			nabim Group 3				nabim Group 4																					
Scope of recommendation	UK				UK			UK	UK	UK		UK											Sp										
Breeder/ UK contact																																	
Breeder	Nick	Nick	RAGT	CPB	RAGT	Nick	CPB	Wier	CPB	CPB	Depr	Nick	CPB	Nick	RAGT	Nick	Nick	SU	CPB	RAGT	Nick	Els	Nick	RAGT	Nick	Nick	Nick	CPB	Els	RAGT	CPB		
UK contact	Nick	Nick	RAGT	CPB	RAGT	Nick	CPB	Nick	CPB	CPB	Els	Nick	CPB	Nick	RAGT	Nick	Nick	SU	CPB	RAGT	Nick	Els	Nick	RAGT	Nick	Nick	Nick	CPB	Els	RAGT	CPB		
Annual yield as % control																																	
2002 treated (8.8 t/ha)	[103]	[103]	-	102	95	[111]	-	[109]	-	[100]	[97]	-	[106]	[107]	-	105	-	-	[115]	-	-	-	-	-	-	-	-	-	[108]	-	[106]	-	9.2
2003 treated (9.6 t/ha)	[102]	[99]	-	91	96	[102]	[102]	[102]	104	[100]	-	-	[102]	[104]	[99]	98	[100]	-	[111]	-	[111]	-	-	-	[105]	-	[103]	-	[101]	[102]	[102]	-	6.2
2004 treated (9.6 t/ha)	[117]	[112]	-	104	95	[115]	[111]	[98]	101	104	-	-	[120]	[109]	[107]	111	[113]	[118]	[117]	[120]	[116]	[119]	-	[115]	-	[118]	-	[115]	[116]	-	[107]	8.3	
2005 treated (9.0 t/ha)	[108]	[101]	[98]	[95]	95	[105]	[104]	[99]	102	103	[92]	[107]	[110]	-	[102]	[94]	[99]	[111]	[111]	[109]	[110]	[108]	[110]	[109]	[107]	[104]	[107]	-	[106]	-	[101]	7.8	
2006 treated (8.5 t/ha)	[108]	[101]	[98]	[92]	[97]	[104]	[103]	[107]	[101]	[102]	[94]	[107]	[101]	[101]	[96]	[95]	[85]	[108]	[107]	[107]	[101]	[102]	[102]	[104]	[104]	-	[101]	-	[95]	-	[103]	8.0	
Agronomic features																																	
Lodging % with PGR	1	0	0	1	5	0	0	13	19	3	0	3	0	4	0	1	0	0	1	0	2	0	0	0	0	2	0	0	0	0	1	0	

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

Key to breeder/agent codes:

CPB = CPB Twyford Ltd (www.cpb-twyford.co.uk).

Nick = Nickerson-Advanta (www.nickersonuk.com).

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

Depr = Maison Florimond Desprez, France.

RAGT = RAGT Seeds Ltd (www.ragt.co.uk).

Wier = Landbouwbureau Wiersum BV.

Els = Elsoms Seeds Ltd (www.elsoms.com).

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