



## HGCA RECOMMENDED LIST® LATE AUTUMN SOWN WHEAT 2006/07

	C			*			C			*			C			*			P2			P2			P2			*			*			*			LSD Average
	Xi19	Malacca	Paragon +	Einstein	Cordiale	Soistice	Option	Chablis +	Tybalt +	Morph +	Wallace +	Ashby +	Soissons	Robigus	Deben	Wizard	Nijinsky	Consort	Claire	Glasgow	Istabraq	Ambrosia	Belvoir +	Brompton	Gladiator	Richmond	Weiford	Access	Napier	LSD Average							
Recommendation	nabim Group 1			nabim Group 2									nabim Group 3						nabim Group 4																		
Scope of recommendation	UK			UK									UK						UK																		
Main market options																																					
Nabim Group	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4						
UK yield as % treated control																																					
UK yield with fungicide (9.0 t/ha)	109	101	95	109	107	104	104	104	103	103	(102)	102	96	112	107	107	106	105	103	(115)	114	(114)	114	(113)	111	110	109	107	(106)	6.9							
Grain quality																																					
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard							
Protein content (%)	12.1	12.7	13.2	12.3	13.0	12.7	13.1	13.1	13.1	12.8	(12.6)	13.5	(13.3)	11.6	11.4	12.7	12.4	11.9	12.1	11.3	11.1	12.3	11.9	11.6	12.5	12.1	12.0	11.5	12.0	0.6							
Hagberg falling number	266	267	286	251	283	271	244	320	260	244	(223)	239	(212)	161	172	222	207	189	220	162	171	200	211	206	264	244	260	200	128	48							
Specific weight (kg/hl)	75.0	75.5	77.7	76.5	78.3	77.2	77.8	77.6	75.7	75.1	75.5	78.3	(75.4)	75.3	75.1	75.7	74.1	76.6	75.4	75.8	77.0	76.4	76.6	73.7	76.8	78.0	74.2	74.6	74.9	1.4							
Agronomic features																																					
Resistance to lodging with PGR	8	8	6	(9)	(9)	9	8	4	5	6	(7)	7	(8)	(9)	6	(9)	(9)	9	8	(9)	(7)	(9)	8	(9)	(9)	9	(9)	9	(8)	2.0							
Straw height with PGR (cm)	82	75	96	77	71	80	80	90	90	79	(83)	88	(76)	77	81	74	77	75	79	75	84	76	82	73	71	74	68	71	(73)	3.4							
Ripening (+/- Chablis, -ve = earlier)	+2	+1	+1	+3	-	+3	+3	0	-1	+1	0	1	-2	+4	+3	+4	-	+3	+2	-	-	-	+1	-	-	+2	-	+3	+3	3.4							
Latest safe sowing date #	End Feb	End Jan	-	End Jan	(End Jan)	End Jan	End Feb	-	-	-	-	-	Mid Feb	End Feb	Mid Feb	End Jan	End Jan	End Jan	End Feb	(End Feb)	End Feb	(End Jan)	-	(End Jan)	End Jan	End Jan	End Jan	End Jan	End Jan								
Disease resistance																																					
Mildew	8	7	(7)	7	7	4	4	(5)	(9)	(8)	(9)	(7)	7	(8)	6	7	6	6	4	8	5	6	(5)	4	7	5	7	7	6								
Yellow rust	9	9	9	6	5	9	9	8	8	9	9	9	6	3	9	5	8	6	9	4	9	5	9	9	9	8	7	3	4								
Brown rust	8	7	9	6	4	5	5	7	9	8	9	9	4	9	4	8	6	3	6	7	5	8	8	8	8	9	7	8	8								
Septoria nodorum	6	7	(8)	6	4	6	6	(7)	-	(8)	(8)	(7)	6	8	7	6	6	5	8	6	8	5	-	7	6	6	7	6	6								
Septoria tritici	5	5	7	5	4	5	4	6	7	4	-7	5	5	7	6	4	5	4	6	6	5	4	4	6	5	5	5	5	4								
Year first listed	02	99	99	03	04	02	01	95	03	1	1	01	95	03	01	03	04	95	99	05	04	05	04	05	04	03	04	02	00								

P2 = second year of listing.

\* = variety no longer in trials

C = yield control

() = limited data

+ = spring wheat.

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 List 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.

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### SUPPLEMENTARY DATA

	C		*	C	*	*	C	*	P2	P2	P2	*	*	*	LSD Average																
	Xi19	Malacca	Paragon +	Einstein	Cordiale	Solstice	Option	Chablis +	Tybalt +	Morph +	Wallace +	Ashby +	Soissons	Robigus	Deben	Wizard	Nijinsky	Consort	Claire	Glasgow	Istabraq	Ambrosia	Belvoir +	Brompton	Gladiator	Richmond	Welford	Access	Napier	LSD Average	
Recommendation	nabim Group 1			nabim Group 2										nabim Group 3				nabim Group 4													
Scope of recommendation	UK			UK										UK				UK													
Breeder/ Agent	Adv	CPB	RAGT	Nick	CPB	Adv	RAGT	CPB	Wier	Nick	RAGT	CPB	Depr	CPB	Nick	CPB	Nick	RAGT	Nick	SU	Nick	RAGT	CPB	Els	RAGT	Inno	Els	CPB	RAGT		
Agent	Adv	CPB	RAGT	Nick	CPB	Adv	RAGT	CPB	Inno	Nick	RAGT	CPB	Els	CPB	Nick	CPB	Nick	RAGT	Nick	SU	Nick	RAGT	CPB	Els	RAGT	Inno	Els	CPB	RAGT		
Annual yield as % control																															
2001 treated (7.8 t/ha)	(110)	(105)	(91)	-	-	(101)	(105)	105	(107)	(101)	(102)	(104)	(96)	-	(113)	-	-	(106)	(103)	-	-	-	(111)	-	-	(109)	-	(105)	(107)	9.0	
2002 treated (8.5 t/ha)	(103)	(103)	(95)	(111)	-	(102)	(106)	(105)	(109)	(110)	(103)	(100)	(96)	(106)	(107)	(105)	-	(103)	-	-	-	(115)	-	-	-	-	(108)	(106)	9.8		
2003 treated (10.1 t/ha)	(104)	(94)	(96)	(101)	(103)	(101)	(101)	(103)	(103)	(101)	(100)	(101)	-	(107)	(104)	(100)	(101)	(100)	(100)	-	(112)	-	(112)	-	(105)	(105)	(100)	(100)	(103)	6.1	
2004 treated (9.5 t/ha)	(118)	107	(96)	(116)	(113)	(113)	(108)	102	(99)	(99)	-	102	-	(121)	(110)	(116)	(114)	(108)	113	(119)	(117)	(121)	(118)	(120)	(116)	(119)	(117)	(116)	-	7.15	
2005 treated (9.2 t/ha)	(108)	(95)	(95)	(105)	(104)	(101)	-	(103)	(99)	(102)	-	(102)	(92)	(110)	-	-	(99)	(102)	(94)	(111)	(110)	(109)	(110)	(108)	(108)	(104)	(106)	-	-	7.2	
Agronomic features																															
Lodging % with PGR	1	1	3	0	0	0	1	9	5	2	1	1	0	0	2	0	0	0	1	0	1	0	1	0	0	0	0	0	1		

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

**Key to breeder/agent codes:**

Adv = Advanta Seeds UK ([www.advantaseeds.co.uk](http://www.advantaseeds.co.uk))

CPB = CPB Twyford Ltd ([www.cpb-twyford.co.uk](http://www.cpb-twyford.co.uk))

Depr = Maison Florimond Desprez, France

Els = Elsoms Seeds Ltd ([www.elsoms.com](http://www.elsoms.com))

Inno = Innoseeds Ltd ([www.innoseeds.co.uk](http://www.innoseeds.co.uk))

Nick = Nickerson (UK) Ltd ([www.nickersonuk.com](http://www.nickersonuk.com))

RAGT = RAGT Seeds Ltd ([www.ragt.co.uk](http://www.ragt.co.uk))

SU = Saaten Union ([www.saaten-union.co.uk](http://www.saaten-union.co.uk))

Wier = Landbouwbureau Wiersum BV

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