HGCA RECOMMENDED LIST® LATE AUTUMN SOWN WHEAT 2005/06

	Xi19	Malacca	Paragon +	Einstein	Cordiale	Option	Solstice	Tybalt +	Chablis +	Wallace +	Morph +	Ashby +	Robigus	Dickson	Deben	Nijinsky	Wizard	Claire	Consort	Istabraq	Belvoir +	Smuggler	Richmond	Gladiator	Welford	Access	Napier	Tanker	Average LSD 5%
			C		P2	*			C	*		C		P2		P2	*			P2		P2		P2	P2				
Recommendation	nabim Group 1			nabim Group 2									Nabim Group 3							Nabim Group 4									
Scope of recommendation			UK					UK	UK	UK	UK	UK									UK								
Main market options																													
Nabim Group	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	
UK yield as % treated control																													
UK yield with fungicide (9.1 t/ha)	110	104	95	110	108	105	105	105	104	104	103	102	112	110	109	109	108	107	106	116	115	114	112	112	110	108	107	107	6.4
Grain quality																													
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	12.0	12.5	13.0	12.2	12.9	12.9	12.7	12.9	13.0	12.4	12.8	13.3	11.6	12.1	11.4	12.5	12.5	12.0	12.0	11.1	11.8	11.6	11.9	12.4	12.0	11.4	11.9	12.1	0.5
Hagberg Falling Number	284	286	309	275	290	261	278	280	330	238	257	257	176	233	192	205	238	238	203	193	221	254	263	286	273	215	122	276	41
Specific weight (kg/hl)	75.4	76.1	78.0	77.3	78.8	78.3	77.9	76.6	78.3	76.1	75.8	79.0	75.7	77.7	75.6	74.9	76.4	76.6	77.2	77.7	77.1	75.5	78.5	77.6	75.0	75.2	75.2	75.6	1.1
Agronomic features																													
Resistance to lodging with PGR	8	8	6	(9)	(9)	8	9	5	4	7	6	7	(9)	(9)	6	(9)	(9)	8	9	(7)	8	(9)	(9)	(9)	(9)	9	7	9	2.5
Straw height with PGR (cm)	81	76	95	76	71	80	79	89	89	81	79	87	77	80	81	76	73	78	76	83	82	79	74	71	67	70	73	72	3.0
Ripening (+/- Chablis, -ve = earlier)	+2	+1	+1	+3	-	+2	+3	-1	0	+1	+1	0	+4	-	+3	-	+3	+2	+4	-	0	-	(+3)	-	-	+3	+3	+3	2.9
Latest safe sowing date #	End Feb	End Jan	-	End Jan	(End Jan)	Mid Feb	End Jan	-	-	-	-	-	End Feb	-	Mid Feb	(End Jan)	End Jan	End Feb	End Jan	(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	(9)	(5)	(9)	(8)	(7)	9	5	6	6	7	4	6	5	(5)	7	5	7	6	7	6	6	
Yellow rust	9	9	9	6	(5)	9	9	8	8	8	9	9	3	4	9	8	5	9	6	9	9	9	8	9	7	3	4	6	
Brown rust	8	7	9	6	4	5	5	9	6	9	7	8	9	4	5	7	9	8	4	7	8	7	9	8	6	8	8	5	
Septoria nodorum	6	7	(8)	6	(5)	6	6	-	(7)	(8)	(8)	(7)	8	4	7	6	6	8	5	8	-	8	6	6	7	6	6	5	
Septoria tritici	5	5	6	5	4	4	5	6	6	(7)	4	5	7	4	6	6	4	6	4	6	5	7	5	5	5	5	5	4	
Year first listed	02	99	99	03	04	01	02	03	95	01	01	01	03	04	01	04	03	99	95	04	04	04	03	04	04	02	00	01	

P2 = second year of listing. * = variety no longer in trial 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 (eg 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

	Xi19	Malacca	Paragon +	Einstein	Cordiale	Option	Solstice	Tybalt +	Chablis +	Wallace +	Morph +	Ashby +	Robigus	Dickson	Deben	Nijinsky	Wizard	Claire	Consort	Istabraq	Belvoir +	Smuggler	Richmond	Gladiator	Welford	Access	Napier	Tanker	Average LSD 5%
			C		P2	*			C	*		C		P2		P2	*			P2		P2		P2	P2				
Recommendation	nabim Group 1			nabim Group 2									Nabim Group 3							Nabim Group 4									
Scope of recommendation			UK					UK	UK	UK	UK	UK									UK								
Breeder/ Agent																													
Breeder	Adv	CPB	RAGT	Nick	CPB	RAGT	Adv	Wier	CPB	RAGT	Nick	CPB	CPB	Ceb	Nick	Nick	CPB	Nick	RAGT	Nick	CPB	Adv	Ceb	RAGT	Els	CPB	RAGT	Els	
Agent	Adv	CPB	RAGT	Nick	CPB	RAGT	Adv	Ceb	CPB	RAGT	Nick	CPB	CPB	Ceb	Nick	Nick	CPB	Nick	RAGT	Nick	CPB	Adv	Ceb	RAGT	Els	CPB	RAGT	Els	
Annual yield as % control																													
2000 treated (9.7 t/ha)	-	106	95	-	-	107	-	105	103	105	104	102	-	-	112	-	-	111	108	-	116	-	-	-	-	-	108	110	4.5
2001 treated (7.8 t/ha)	(110)	105	91	-	-	(105)	(101)	107	105	(102)	(101)	(104)	-	-	(113)	-	-	(103)	106	-	112	-	(109)	-	-	(105)	(107)	(103)	8.9
2002 treated (8.5 t/ha)	(103)	(103)	(95)	(111)	-	(106)	(102)	(109)	(105)	(103)	(110)	(100)	(106)	-	(107)	-	(105)	(103)	-	-	(115)	-	-	-	-	(108)	(106)	(108)	8.6
2003 treated (10.3 t/ha)	(104)	(95)	(96)	(101)	(103)	(101)	(101)	(103)	(104)	(100)	(101)	(100)	(107)	(105)	(104)	(101)	(100)	(100)	(100)	(112)	(111)	(104)	(105)	(105)	(100)	(100)	(103)	(100)	5.71
2004 treated (9.4 t/ha)	119	109	96	116	113	109	113	100	103	-	100	102	121	114	110	115	117	113	109	118	119	122	119	116	117	117	-	112	7.5
Agronomic features																													
Lodging % with PGR	1	1	4	0	0	1	0	11	14	2	4	3	0	0	5	0	0	1	0	2	1	0	0	0	0	0	2	0	

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)
Ceb = Cebeco Seed Innovations Ltd (www.cebeco-seeds.co.uk)
CPB = CPB Twyford Ltd (www.cpb-twyford.co.uk)
Nick = Nickerson (UK) Ltd (www.nickersonuk.com)
Els = Elsoms Seeds Ltd (www.elsoms.com)
RAGT = RAGT Seeds Ltd (www.pbicseeds.co.uk)
SU = Saaten Union (www.saaten-union.co.uk)
Wier = Landbouwbureau Wiersum v.o.f., Netherlands

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