



RECOMMENDED LIST LATE AUTUMN SOWN WHEAT 2003

	* C				P1	P2	*				C C								P1					Average LSD 5%	
	Malacca	Shamrock	Hereward	Paragon +	Tyball +	Ambient +	Option	Charger	Wallace +	Morph +	Ashby +	Chablis +	Imp +	Soissons	Deben	Claire	Consort	Riband	Belvoir +	Biscay	Savannah	Tanker	Napier		
Recommendation	Group 1				Group 2										Group 3				Group 4						
Scope of recommendation	UK				UK	UK	UK				UK	UK	UK	UK	UK					UK					
Main market options																									
Nabim Group	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4		
UK yield as % treated control																									
UK yield with fungicide (8.6 t/ha)	103	100	98	97	109	108	107	107	107	106	105	104	99	99	112	108	107	104	117	112	111	109	108	4.2	
Grain quality																									
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard		
Protein content (%)	12.5	12.9	13.1	13.1	12.9	12.0	12.6	12.1	12.3	12.5	12.9	12.8	12.9	13.0	11.2	12.0	11.9	11.7	11.6	11.8	11.6	12.0	11.8	0.4	
Hagberg falling number	300	225	239	316	305	291	280	214	258	274	272	335	301	265	213	232	217	187	226	282	249	260	149	31	
Specific weight (Kg/hl)	75.0	78.0	78.5	77.1	75.8	75.4	77.9	75.3	75.8	75.7	78.2	77.3	77.8	77.8	75.4	76.0	76.6	75.1	75.8	76.7	77.0	74.9	74.1	1.4	
Agronomic features																									
Resistance to lodging with PGR	9	9	9	7	5	8	9	7	9	9	8	5	7	9	5	9	9	9	9	9	9	9	8	2	
Straw height with PGR (cm)	81	79	83	102	92	86	85	77	87	84	91	94	93	83	85	84	80	87	89	87	84	78	78	4	
Ripening (+/- Chablis, -ve = earlier)	+1	+3	+2	0	-2	+1	+2	+1	0	0	0	0	-1	-2	+2	+2	+3	+3	0	+2	+2	+3	+2	2	
Latest safe sowing date #	end	end	end		end	end	end	end					mid	mid	mid	end	end	end		end	mid	mid	end		
	Jan	Jan	Jan				Feb	Jan					Feb	Feb	Feb	Jan	Jan	Jan		Jan	Feb	Feb	Jan		
Disease resistance																									
Mildew	7	2	5	7	9	5	4	8	7	9	7	5	8	8	6	4	6	7	7	6	8	7	7		
Yellow rust	9	8	5	9	9	9	9	8	9	9	9	9	8	7	9	9	5	6	9	4	5	5	3		
Brown rust	7	4	7	9	9	8	5	5	8	8	8	6	5	3	5	8	4	3	9	9	8	6	9		
<i>Septoria nodorum</i>	7	7	7	(8)	-	(7)	6	6	(8)	(8)	(7)	(7)	(6)	5	7	7	5	4	-	7	5	5	6		
<i>Septoria tritici</i>	6	6	6	6	6	7	5	5	7	4	5	5	4	6	6	7	4	3	4	5	4	4	5		
Year first listed	99	99	91	99	03	02	01	97	01	01	01	95	97	95	01	99	95	89	03	01	98	01	00		

P1, P2 first and second year of recommendation

* Variety no longer in trials

On the 1-9 scales high figures indicate that a variety shows the character to a high degree

Average LSD 5%. Varieties that are more than one LSD apart are significantly different at the 5% confidence level.

There are insufficient data to provide late autumn listings for newer winter wheat varieties.

() = Limited data

C = Yield control

Latest safe sowing date is the advised latest date to guarantee sufficient cold for flowering

+ = Spring wheat.

The winter wheats do not constitute a Recommended List



HGCA

RECOMMENDED LIST LATE AUTUMN SOWN WHEAT 2003

SUPPLEMENTARY DATA

	C				P1	P2	C								C				P1					Average LSD	
	Malacca	Shamrock	Hereward	Paragon +	Tybalt +	Ambient +	Option	Charger	Wallace +	Morph +	Ashby +	Chablis +	Imp +	Soissons	Deben	Claire	Consort	Riband	Belvoir +	Biscay	Savannah	Tanker	Napier	Average LSD	
Recommendation	Group 1				Group 2								Group 3				Group 4								
Scope of recommendation	UK				UK	UK			UK	UK	UK	UK	UK	UK						UK					
Breeder/ Agent																									
Breeder	CPB	Adv	Mon	Mon	Zel	Mon	Mon	Mon	Mon	Nick	CPB	CPB	Nick	Depr	Nick	Nick	Mon	Mon	CPB	CPB	Adv	Els	Mon		
Agent	CPB	Adv	Mon	Mon	Ceb	Mon	Mon	Mon	Mon	Nick	CPB	CPB	Nick	Els	Nick	Nick	Mon	Mon	CPB	CPB	Adv	Els	Mon		
Annual yield as % control																									
1998 treated (8.8 t/ha)	100	102	97	100	*	*	*	105	105	104	107	102	98	98	*	*	*	101	*	*	*	*	*	7.5	
1999 treated (8.4 t/ha)	98	*	96	97	*	112	*	109	113	106	109	104	100	99	*	106	104	103	*	*	109	*	107	6.3	
2000 treated (9.6 t/ha)	106	97	100	96	107	106	107	107	105	104	102	104	100	98	113	112	108	110	118	112	113	111	109	4.8	
2001 treated (7.7 t/ha)	107	103	99	93	110	109	106	101	103	103	106	107	100	98	115	105	108	97	114	110	106	105	109	9.3	
2002 treated (8.3 t/ha)	105	97	*	97	112	104	109	111	105	112	102	108	94	99	109	106	*	*	118	112	112	111	108	9.9	
Agronomic features																									
Lodging % with PGR	0.2	0.2	0.1	3.4	6.7	1.1	0.7	2.7	1.0	0.8	1.1	8.0	2.7	0.6	6.8	0.7	0.5	0.5	0.0	0.7	0.6	0.6	1.7		

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 (info@cebeco-seeds.co.uk)

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

Depr = Maison Florimond Desprez, France

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

Mon = Monsanto, PBIC Seeds (www.monsanto-ag.co.uk)

Nick = Nickerson (UK) Ltd (www.nickersonuk.com)

Zel = Zelder BV, Netherlands