



HGCA

RECOMMENDED LIST SPRING WHEAT 2003

	C	P1		C	C	P1			P2	
	Paragon	Tybalt	Ashby	Chablis	Imp	Belvoir	Wallace	Morph	Ambient	Average LSD 5%
Recommendation	For spring and autumn sowing						For autumn sowing only			
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	
Main market options										
Nabim Group	1	2	2	2	2	4	2	2	2	
UK yield as % control										
UK yield with fungicide (7.3 t/ha)	97	111	106	105	98	114	103	103	101	5.3
Grain quality										
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.7	12.6	13.3	13.3	13.5	12.3	12.5	12.9	12.1	0.4
Hagberg falling number	315	305	298	342	301	250	267	274	272	33
Specific weight (Kg/hl)	77.0	76.4	77.3	76.9	78.7	76.6	74.1	73.6	75.1	1.5
Agronomic features										
Resistance to lodging without PGR	8	(8)	(6)	5	7	(8)	(8)	(8)	(8)	5.2
Resistance to lodging with PGR	9	(9)	8	6	8	(7)	9	9	(9)	2.5
Straw height without PGR (cm)	94	85	86	85	88	88	80	77	78	2.7
Ripening (+/- Chablis, -ve = earlier)	0	0	-1	0	-1	+1	0	+1	0	1.7
Disease resistance										
Mildew	7	9	7	5	8	7	7	9	5	
Yellow rust	9	9	9	9	8	9	9	9	9	
Brown rust	9	9	8	6	5	9	8	8	8	
<i>Septoria nodorum</i>	(8)	-	(7)	(7)	(6)	-	(8)	(8)	(7)	
<i>Septoria tritici</i>	6	6	5	5	4	4	7	4	7	
Year first listed	99	03	01	95	97	03	01	01	02	

P1, P2 first and second year of recommendation

() = Limited data

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

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



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SUPPLEMENTARY DATA**

	C	P1		C	C	P1			P2	
	Paragon	Tybalt	Ashby	Chablis	Imp	Belvoir	Wallace	Morph	Ambient	Least sig diff (5%)
Recommendation	For spring and autumn sowing						For autumn sowing only			
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	
Breeder/ Agent										
Breeder	Mon	Zel	CPB	CPB	Nick	CPB	Mon	Nick	Mon	
Agent	Mon	Ceb	CPB	CPB	Nick	CPB	Mon	Nick	Mon	
Annual yields										
1998 treated (7.8 t/ha)	102	-	101	105	93	-	99	97	-	6.8
1999 treated (7.9 t/ha)	97	-	106	106	97	-	105	108	104	5.7
2000 treated (8.0 t/ha)	97	112	105	103	100	111	98	101	93	6.7
2001 treated (6.1 t/ha)	92	111	111	104	103	117	110	99	110	6.2
2002 treated (6.3 t/ha)	98	113	107	103	99	118	102	109	97	9.3
Agronomic features										
Lodging % without PGR	10.3	13.5	25.3	40.0	22.7	5.1	12.8	12.8	5.6	
Lodging % with PGR	3.6	0.7	8.9	24.2	4.8	16.0	2.3	2.8	1.2	

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

Key to breeder/agent codes:

Ceb = Cebeco Seed Innovations Ltd (info@cebeco-seeds.co.uk)

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

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

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

Zel = Zelder BV, Netherlands