


HGCA Recommended List[®] spring wheat 2011

RECOMMENDED 	P1	C	C	P1					
	Mulika	Paragon	Tybalt	KWS Willow	Granary	Ashby	Belvoir	Zircon \$	Average LSD (5%)
End-use group	nabim Group 1		nabim Group 2			Group 4		Other	
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	Sp	
UK yield as % control									
UK yield with fungicide (7.1 t/ha)	[104]	95	106	[106]	104	99	107	100	4.3
Grain quality									
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	[13.3]	13.9	12.6	[12.7]	13.6	13.4	12.4	13.5	0.5
Hagberg falling number	[299]	271	277	[236]	235	289	216	182	44
Specific weight (kg/hl)	[76.6]	76.0	74.5	[77.8]	77.0	76.8	75.3	76.9	1.1
Agronomic features									
Resistance to lodging with PGR	-	6	[3]	-	-	7	[7]	[6]	3.7
Straw height without PGR (cm)	[84]	91	81	[84]	85	84	81	84	2.7
Ripening (days +/- Paragon, -ve = earlier)	-	[0]	[1]	-	[2]	[2]	[1]	[1]	1.7
Resistance to sprouting	-	6	7	-	7	7	7	3	0.9
Disease resistance									
Mildew	7	8	8	8	7	6	7	7	1.1
Yellow rust	9	9	6	9	6	9	9	8	[0.9]
Brown rust	9	8	9	7	6	7	8	7	[1.4]
<i>Septoria tritici</i>	[7]	6	6	[6]	7	5	5	5	1.2
Orange wheat blossom midge	R	-	-	-	-	-	R	-	
Year first listed	11	99	03	11	09	03	03	07	

C = yield control

P1 = first year of recommendation

[] = limited data

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)

R = believed to be resistant to orange wheat blossom midge (OWBM), but this has not been verified in RL tests

\$ = Zircon is specifically recommended as a white-grained wheat. nabim do not classify it as a bread-making variety

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SUPPLEMENTARY DATA

	P1		C	C	P1	C			
	Mulika	Paragon	Tybalt	KWS Willow	Granary	Ashby	Belvoir	Zircon	Average LSD (5%)
RECOMMENDED	nabim Group 1		nabim Group 2		Group 4		Other		
End-use group	nabim Group 1		nabim Group 2		Group 4		Other		
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	Sp	
Breeder/ UK Contact									
Breeder	BA	RAGT	Wier	KWS	KWS	KWS	KWS	KWS	
UK contact	Sen	RAGT	Lim	KWS	KWS	KWS	KWS	KWS	
Annual yields									
2006 treated (7.4 t/ha)	-	[93]	[107]	-	[108]	[100]	[104]	[102]	7.7
2007 treated (7.8 t/ha)	-	[94]	[108]	-	[103]	[98]	[107]	[103]	7.3
2008 treated (6.9 t/ha)	[103]	[95]	[105]	[107]	[107]	[100]	[110]	[100]	9.1
2009 treated (7.8 t/ha)	[103]	[96]	[105]	[109]	[103]	[99]	[107]	[99]	5.8
2010 treated (5.4 t/ha)	[104]	[99]	[106]	[99]	[96]	[96]	[104]	[96]	21.2

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

Key to breeder/agent codes:

BA= Blackman Agriculture

Lim = Limagrain (www.limagrain.co.uk)

Sen = Senova (www.senova.uk.com)

KWS = KWS UK (www.kws-uk.com)

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

Wier = Wiersum BV, Netherlands

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