

# HGCA Recommended List<sup>®</sup> spring wheat 2012



New

	Mulika	Paragon	Tybalt	KWS Willow	Granary	Ashby	KWS Alderon	Belvoir	Zircon \$	Average LSD (5%)
<b>End-use group</b>	nabim Group 1		nabim Group 2			Group 4		Other		
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	Sp	
<b>UK yield as % control</b>										
UK yield with fungicide (6.9 t/ha)	[103]	95	106	[105]	104	99	[108]	107	99	4.3
<b>Grain quality</b>										
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.6	13.9	12.9	12.9	13.8	13.6	13.4	12.6	13.7	0.5
Hagberg falling number	294	273	280	224	228	282	309	208	169	40
Specific weight (kg/hl)	77.1	77.7	75.6	78.5	78.0	78.1	76.8	76.1	78.0	0.9
<b>Agronomic features</b>										
Resistance to lodging with PGR #	-	6	[3]	-	-	7	-	[7]	[6]	3.7
Straw height without PGR (cm)	80	86	77	79	81	80	[73]	77	80	2.7
Ripening (+/- Paragon, -ve = earlier) ~	-	-	-	-	-	-	-	-	-	-
Resistance to sprouting	[7]	6	7	[7]	7	7	-	7	3	1.1
<b>Disease resistance</b>										
Mildew	[7]	8	8	[8]	7	6	[5]	[7]	[7]	1.6
Yellow rust	9	9	7	6	6	9	8	9	9	[1.7]
Brown rust	9	8	9	7	6	6	8	8	7	[1.4]
Septoria tritici	6	6	6	6	7	5	6	5	6	1.0
Orange wheat blossom midge	R	-	-	-	-	-	-	R	-	
<b>Status in RL system</b>										
Year first listed	11	99	03	11	09	03	12	03	07	
RL Status	P2	C	C	P2	-	C	P1	-	-	

C = yield control

P1 = first year of recommendation

P2 = second year of recommendation

[ ] = limited data

# = historical data

~ = no data available for 2012

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)

\$ = 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



New

	Mulika	Paragon	Tybalt	KWS Willow	Granary	Ashby	KWS Alderon	Belvoir	Zircon	Average LSD (5%)
<b>End-use group</b>	nabim Group 1		nabim Group 2			Group 4		Other		
<b>Scope of recommendation</b>	UK	UK	UK	UK	UK	UK	UK	UK	Sp	
<b>Breeder/ UK Contact</b>										
<b>Breeder</b>	BA	RAGT	Wier	KWS	KWS	KWS	KWS	KWS	KWS	
<b>UK contact</b>	Sen	RAGT	Lim	KWS	KWS	KWS	KWS	KWS	KWS	
<b>Annual yields</b>										
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]	7.7
2009 treated (7.8 t/ha)	[103]	[96]	[105]	[109]	[103]	[99]	[110]	[107]	[99]	5.5
2010 treated (6.1 t/ha)	[105]	[95]	[105]	[100]	[104]	[100]	-	[101]	[100]	20.1
2011 treated (6.5 t/ha)	[102]	[96]	[106]	[105]	-	[98]	[103]	[108]	[94]	7.4

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

### Key to Breeder and UK contact codes

BA= Blackman Agriculture

Lim = Limagrain ([www.limagrain.co.uk](http://www.limagrain.co.uk))

Sen = Senova Ltd ([www.senova.uk.com](http://www.senova.uk.com))

KWS = KWS UK ([www.kws-uk.com](http://www.kws-uk.com))

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

Wier = Wiersum BV, Germany

® = "HGCA RECOMMENDED LIST" is a registered trademark of the Agriculture and Horticulture Development Board