

HGCA Recommended List[®] spring wheat 2013



	C		C		C					
	Mulika	Paragon	Granary	Tybalt	KWS Willow	Ashby	KWS Alderon	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	UK	Sp	
UK yield as % control										
UK yield with fungicide (6.9 t/ha)	103	95	107	105	105	100	[106]	106	100	4.5
Grain quality										
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.7	13.8	13.5	12.8	12.9	13.5	13.3	12.5	13.5	0.5
Hagberg Falling Number	291	294	207	280	233	272	297	215	184	35
Specific weight (kg/hl)	77.0	77.2	78.1	75.5	77.9	77.7	75.8	76.0	78.3	1.1
Agronomic features										
Resistance to lodging with PGR	-	{6}	-	{[3]}	-	{7}	-	{[7]}	{[6]}	-
Straw height without PGR (cm)	80	85	80	76	81	80	74	76	78	2.2
Ripening (+/- Paragon, -ve = earlier)#	-	-	-	-	-	-	-	-	-	-
Resistance to sprouting	[7]	[6]	[7]	[7]	[7]	[7]	-	[7]	[3]	1.2
Disease resistance										
Mildew	[7]	8	[7]	8	[8]	6	[6]	[6]	[7]	1.2
Yellow rust	8	8	6	7	8	8	8	7	9	1.7
Brown rust	7	7	6	8	7	5	7	8	7	2.8
Septoria tritici	5	6	7	6	6	5	6	5	6	0.9
Fusarium ear blight	[6]	[6]	-	[5]	[6]	[6]	[6]	6	[6]	0.3
Orange wheat blossom midge	R	-	-	-	-	-	-	R	-	
Status in RL system										
Year first listed	11	99	09	03	11	03	12	03	07	
RL status	-	-	-	-	-	-	P2	-	-	

On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (eg high resistance)

UK = recommended for the UK

Sp = specific recommendation

C = yield control

{ } = historical data

P2 = second year of recommendation

[] = limited data

= no data available

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

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

Average LSD (least significant difference) 5%: Varieties that are more than one LSD apart are significantly different at the 5% confidence level.

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SUPPLEMENTARY DATA

	RECOMMENDED		C	C	C					Average LSD (5%)
	Mulika	Paragon	Granary	Tybalt	KWS Willow	Ashby	KWS Alderon	Belvoir	Zircon \$	
End-use group	nabim Group 1		nabim Group 2			Group 4			Other	
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	Sp	
UK yield as % control										
UK yield with fungicide (6.9 t/ha)	103	95	107	105	105	100	[106]	106	100	4.5
Breeder/ UK contact										
Breeder	BA	RAGT	KWS	Wier	KWS	KWS	KWS	KWS	KWS	
UK contact	Sen	RAGT	KWS	Lim	KWS	KWS	KWS	KWS	KWS	
Annual yields										
2008 treated (6.9 t/ha)	[103]	[95]	[107]	[105]	[107]	[100]	-	[110]	[100]	7.7
2009 treated (7.8 t/ha)	[103]	[96]	[103]	[105]	[109]	[99]	[110]	[107]	[99]	5.7
2010 treated (6.1 t/ha)	[105]	[95]	[104]	[105]	[100]	[100]	-	[101]	[100]	21.9
2011 treated (6.5 t/ha)	[102]	[96]	-	[106]	[105]	[98]	[103]	[108]	[94]	8.6
2012 treated (7.0 t/ha)	[102]	[95]	[112]	[104]	[104]	[102]	[105]	[103]	[104]	7.8

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

Key to Breeder and UK contact codes

BA = Blackman Agriculture

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

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

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

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

Wier = Wiersum BV, Germany

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