


# HGCA Recommended List<sup>®</sup> Spring wheat (for spring sowing) 20

	C		C		C		New				
	Mulika	Paragon	Granary	Tybalt	KWS Willow	Ashby	KWS Kilburn	KWS Alderon	Belvoir	Zircon \$	Average LSD (5%)
<b>RECOMMENDED</b>											
											
<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	UK	Sp	
<b>UK yield as % treated control (7.0 t/ha)</b>											
Fungicide treated	102	95	106	105	105	100	[108]	106	104	99	5.0
<b>Grain quality</b>											
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.8	13.7	13.6	13.0	13.1	13.8	[13]	13.4	12.7	13.6	0.5
Hagberg Falling Number	305	316	223	293	250	296	[229]	310	237	209	35
Specific weight (kg/hl)	77.1	77.8	78.4	75.5	78.1	77.9	[75.7]	76.2	76.3	78.6	1.1
<b>Agronomic features</b>											
Resistance to lodging with PGR ∞	-	-	-	-	-	-	-	-	-	-	-
Straw height without PGR (cm)	84	89	84	81	85	83	90	77	80	81	2.0
Ripening (+/- Paragon, -ve = earlier)	[-2]	[0]	[0]	[-1]	[0]	[-1]	[+1]	[0]	[0]	[0]	1.6
Resistance to sprouting ∞	-	-	-	-	-	-	-	-	-	-	-
<b>Disease resistance</b>											
Mildew	[7]	8	[7]	8	[8]	6	[7]	6	[6]	[7]	1.3
Yellow rust	8	7	6	7	8	7	6	8	7	8	0.9
Brown rust	7	8	5	7	7	6	9	7	8	7	1.6
Septoria tritici	5	6	7	6	6	5	6	6	5	6	1.1
Fusarium ear blight	[6]	[6]	[6]	[5]	[6]	[6]	-	[6]	6	[6]	0.3
Orange wheat blossom midge	R	-	-	-	-	-	-	-	R	-	
<b>Breeder/ UK contact</b>											
Breeder	BA	RAGT	KWS	Wier	KWS	KWS	KWS	KWS	KWS	KWS	
UK contact	Sen	RAGT	KWS	Lim	KWS	KWS	KWS	KWS	KWS	KWS	
<b>Status in RL system</b>											
Year first listed	11	99	09	03	11	03	14	12	03	07	
RL status	-	-	-	-	-	-	P1	-	-	-	

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

P1 = first 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

## Key to Breeder and UK contact codes

BA = Blackman Agriculture

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

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

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

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

Wier = Wiersum, Netherlands

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

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

# HGCA Recommended List<sup>®</sup> Spring wheat 2014

## SUPPLEMENTARY DATA

	RECOMMENDED		C	C	C	New					Average LSD (5%)
	Mulika	Paragon	Granary	Tybalt	KWS Willow	Ashby	KWS Kiburn	KWS Alderon	Belvoir	Zircon \$	
<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	UK	Sp	
<b>UK yield as % control</b>											
UK yield with fungicide (7.0 t/ha)	102	95	106	105	105	100	[108]	106	104	99	5.0
<b>Annual yields</b>											
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]	18.8
2011 treated (6.5 t/ha)	[102]	[96]	-	[106]	[105]	[98]	[107]	[103]	[108]	[94]	8.4
2012 treated (7.0 t/ha)	[102]	[95]	[112]	[104]	[104]	[102]	[114]	[105]	[103]	[104]	9.3
2013 treated (7.7 t/ha)	[99]	[93]	[101]	[106]	[106]	[101]	[103]	[103]	[100]	[98]	7.0

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

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