


HGCA Recommended List® Spring wheat (for late autumn sowing) 2014/15

This table focuses on spring wheat varieties but includes winter wheat varieties for purposes of comparison. For purposes of crop diversification under CAP greening, winter and spring varieties are classed a separate crops so variety type not the sowing date is crucial. Each variety's status as a spring or winter variety is included in brackets.

RECOMMENDED 																					Candidates				
	Gallant (winter)	Mulika (spring)	Solstice (winter)	Paragon (spring)	KWS Willow (spring)	Panorama (winter)	Tybalt (spring)	Cordiale (winter)	Ashby (spring)	Invicta (winter)	Scout (winter)	Viscount (winter)	Beluga (winter)	Alchemy (winter)	KWS Alderon (spring)	Conqueror (winter)	Belvoir (spring)	JB Diego (winter)	Grafton (winter)	Zircon \$ (spring)	Average LSD (5%)	Lennox (spring)	KWS Kilburn (spring)		
Recommendation	nabim Group 1				nabim Group 2				nabim Group 3		Soft feed			Hard feed			Other								
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	
UK yield as % treated control (8.5 t/ha)																									
Fungicide treated	105	103	98	95	110	106	105	102	101	105	102	109	108	104	110	109	108	105	100	100	6.6				
Grain quality																									
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Soft	Hard		Hard	Hard		
Protein content (%)	-	12.5	-	12.6	11.8	-	12.0	-	12.6	-	-	-	-	-	12.2	-	11.2	-	-	12.7	0.4	Hard	Hard		
Hagberg falling number	-	327	-	303	258	-	297	-	265	-	-	-	-	-	319	-	213	-	-	188	41	314	268		
Specific weight (kg/hl)	-	77.9	-	78.6	79.1	-	76.1	-	78.6	-	-	-	-	-	77.3	-	76.4	-	-	79.4	0.8	79.1	77.6		
Agronomic features																									
Lodging %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-		
Straw height with PGR (cm)	70	87	73	92	83	[74]	80	66	81	79	71	67	68	74	[75]	69	75	[74]	[62]	80	3.4	[80]	[89]		
Ripening (days +/- Paragon, -ve = earlier)	[-1]	[0]	[-1]	[0]	[0]	[0]	[0]	[-1]	[0]	[+1]	[+1]	[0]	[0]	[+1]	[-1]	[0]	[-1]	[0]	[-2]	[0]	2.1	-	-		
Latest safe sowing date #	Mid Feb	-	End Jan	-	-	Mid Feb	-	Mid Feb	-	Mid Feb	Mid Feb	Mid Feb	End Jan	Mid Feb	-	Mid Feb	-	End Jan	Mid Feb	-	-	-	-		
Disease resistance																									
Mildew	5	[7]	4	8	[8]	7	8	6	6	5	6	7	4	8	6	3	[6]	6	7	[7]	1.3	[7]	[7]		
Yellow rust	5	8	4	7	8	8	7	6	7	8	9	5	5	7	8	6	7	8	6	8	0.9	9	6		
Brown rust	5	7	4	8	7	6	7	3	6	6	7	7	3	4	7	7	8	5	4	7	1.6	8	9		
Septoria tritici	4	5	5	6	6	5	6	5	5	5	5	5	5	6	6	5	5	5	5	6	1.1	6	6		
Fusarium ear blight	5	[6]	6	[6]	[6]	6	[5]	5	[6]	6	6	6	6	7	[6]	6	6	6	5	[6]	0.3	[6]	-		
Orange wheat blossom midge	-	R	-	-	-	-	-	-	-	-	R	R	-	-	-	R	R	-	-	-		-	-		
Status in RL System																									
Year first listed	09	11	02	99	11	-	03	04	03	10	09	09	10	06	12	10	03	-	-	07		-	-		
RL Status	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-		

Bold text = spring wheat
 [] = limited data
 R = believed to be resistant to orange wheat blossom midge (OWBM), but this has not been verified in RL test
 \$ = Zircon is specifically recommended as a white-grained wheat. nabim do not class it as a bread-making variety
 # = latest safe sowing date is the advised latest date to give sufficient cold for flowering. Spring wheats have no vernalisation requirement

On the 1-9 scales high figures indicate that a variety shows the character to a high degree (e.g. high resistance)
 The data for the spring wheat varieties constitutes a Recommended List. The winter wheat data presented do not constitute a Recommended List and are shown to allow direct comparisons with data for the spring wheat varieties
 Yields are expressed as % of the spring wheat controls. For full information on the late sown yield performance of winter wheat varieties, please see the main winter wheat Recommended List Supplementary data tab

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

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SUPPLEMENTARY DATA

	RECOMMENDED																			Average LSD (5%)		
	nabim Group 1			nabim Group 2			nabim Group 3			Soft feed			Hard feed			Other						
Recommendation	Gallant (winter)	Mulika (spring)	Solstice (winter)	Paragon (spring)	KWS Willow (spring)	Panorama (winter)	Tybait (spring)	Cordiale (winter)	Ashby (spring)	Invicta (winter)	Scout (winter)	Viscount (winter)	Beluga (winter)	Alchemy (winter)	KWS Alderon (spring)	Conqueror (winter)	Belvoir (spring)	JB Diego (winter)	Grafton (winter)	Zircon \$ (spring)	Average LSD (5%)	
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	Sp	
Breeder/ UK contact	SCP	BA	Lim	RAGT	KWS	Lim	Wier	KWS	KWS	KWS	Sen	KWS	Sen	Lim	KWS	KWS	KWS	Bre	KWS	KWS		
UK contact	Syn	Sen	Lim	RAGT	KWS	Lim	Lim	KWS	KWS	KWS	Sen	KWS	Sen	Lim	KWS	KWS	KWS	Sen	KWS	KWS		
Annual treated yield as % control																						
2009 (8.9 t/ha)	[103]	[105]	[102]	[95]	[113]	[108]	[103]	[103]	[102]	[111]	[108]	[111]	[109]	[105]	[109]	[113]	[109]	[110]	[99]	[98]	7.0	
2010 (7.3 t/ha)	[103]	[105]	[92]	[96]	[105]	[105]	[105]	[93]	[99]	[105]	[101]	[106]	[108]	[101]	[113]	[113]	[104]	[103]	[98]	[96]	9.1	
2011 ¥	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2012 (8.7 t/ha)	[106]	[100]	[96]	[91]	[109]	[103]	[107]	[101]	[102]	[98]	[96]	[112]	[104]	[103]	[106]	[99]	[111]	[96]	[101]	[103]	8.1	
2013 (9.1 t/ha)	-	[102]	[99]	[97]	[108]	-	[103]	[105]	[101]	-	-	-	-	-	[109]	-	[104]	-	-	[100]	9.0	

Candidates

	Lennox (spring)	KWS Kilburn (spring)
Candidate	Candidate	Candidate
	Str	KWS
	SU	KWS
	-	-
	[105]	-
	-	-
	[100]	[105]
	[98]	[108]

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

Key to Breeder and UK contact codes

BA = Blackman Agriculture
 Bre = Saatzucht Josef Breun, Germany
 KWS = KWS UK (www.kws-uk.com)
 Lim = Limagrain UK (www.limagrain.co.uk)

RAGT = RAGT Seeds, UK (www.ragt.co.uk)
 SCP = Syngenta Crop Protection (www.syngenta.co.uk)
 Sen = Senova (www.senova.uk.com)
 Str = Strube, Germany

SU = Saaten Union UK (www.saaten-union.co.uk)
 Syn = Syngenta Seeds (www.syngenta.co.uk)
 Wier = Wiersum, Netherlands

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