

HGCA Recommended List[®] Spring Wheat (for late autumn sowing) 2015/16

	C												*	C												C*													Average LSD (5%)										
	nabim Group 1												nabim Group 3												Soft Group 4												Hard Group 4												
End-use group	nabim Group 1												nabim Group 3												Soft Group 4												Hard Group 4												
Scope of recommendation	UK												UK												UK												UK												
UK yield (% treated control)	UK												UK												UK												UK												
Fungicide-treated (9.2 t/ha)	[103]	[101]	101	100	96	93	108	[104]	102	[102]	99	98	[98]	[107]	106	106	[105]	[102]	102	101	[98]	[112]	110	109	[106]	105	104	103	[102]	[102]	[110]	109	108	108	106	[105]	105	105	[102]	101	[100]	7.1							
Grain quality	Hard												Soft												Hard												Hard												
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard								
Protein content (%)	[10.4]	[9.0]	[10.7]	12.3	[10.6]	12.4	11.6	-	11.9	[9.7]	[10.3]	12.3	[10.0]	[9.0]	[9.1]	[9.8]	[9.4]	-	-	[10.4]	-	-	[10.0]	[9.6]	-	-	-	[9.7]	-	[9.4]	[8.3]	[8.7]	[10.5]	[9.1]	11.9	-	-	11.1	[9.8]	-	-	1.9							
Hagberg falling number	-	-	-	329	-	300	254	-	307	-	-	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	326	-	-	232	-	-	-	-	116							
Specific weight (kg/hl)	[76.8]	[77.0]	[77.2]	78.1	[78.6]	78.9	79.2	-	76.2	[78.8]	[78.8]	78.7	[75.9]	[75.3]	[77.4]	[75.5]	[74.0]	-	-	[73.7]	-	-	[75.7]	[76.5]	-	-	-	[72.0]	-	[72.7]	[73.8]	[75.3]	[73.9]	[73.0]	77.3	-	-	76.6	[77.2]	-	-	3.0							
Agronomic features	-												-												-												-												
Lodging %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Straw height with PGR (cm)	[72]	[70]	70	88	75	92	84	[74]	83	[73]	67	82	[73]	[78]	78	76	[77]	[72]	73	81	[72]	[76]	81	79	[70]	70	79	73	[77]	[76]	[75]	78	77	72	77	[70]	75	75	[76]	70	[64]	3.6							
Ripening (+/- Mulika, -ve = earlier)	-	[0]	-	[0]	-	-	[-1]	-	[0]	[0]	[-2]	[0]	[+1]	[+1]	[+3]	[+2]	-	[+2]	-	-	-	[+3]	[+2]	[+3]	-	-	-	[+3]	-	[+3]	[+1]	-	[+4]	[0]	-	-	[-1]	-	-	-	-	2.3							
Latest safe sowing date #	Mid Feb	End Feb	End Jan	-	End Jan	-	-	End Feb	-	[Mid Feb]	[Mid Feb]	-	[End Jan]	End Feb	End Feb	End Feb	Mid Feb	End Feb	Mid Feb	Mid Feb	Mid Feb	End Feb	Mid Feb	Mid Feb	Mid Feb	End Jan	Mid Feb	End Feb	End Jan	End Jan	End Jan	-	Mid Feb	Mid Feb	-	End Jan	Mid Feb	Mid Feb	-	-	-								
Disease resistance	6												7												8												9												
Mildew	6	6	7	[7]	4	8	[8]	7	8	6	6	6	8	7	6	8	6	8	4	5	6	4	6	3	[7]	3	7	6	[8]	6	6	8	4	5	6	3	6	[6]	6	6	7	1.3							
Yellow rust	5	6	9	7	4	7	7	7	7	6	5	7	8	9	7	8	8	8	8	9	6	8	7	4	6	6	8	7	9	9	9	6	4	7	6	9	7	8	9	6	0.7								
Brown rust	6	8	4	5	5	8	8	6	6	5	4	6	9	4	4	6	7	5	3	6	7	4	5	4	7	3	6	9	4	8	8	8	6	8	6	7	3	9	5	8	4	1.3							
Septoria tritici	4	6	6	5	5	6	6	5	6	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	7	6	6	6	5	4	5	6	4	5	5	5	6	5	1.2								
Fusarium ear blight	5	6	6	[6]	6	[6]	[6]	6	[5]	6	5	[6]	7	6	6	6	6	6	5	6	6	6	6	7	6	6	6	7	7	6	6	6	[6]	6	6	[6]	6	6	5	0.3									
Orange wheat blossom midge	-	R	-	R	-	-	-	-	-	-	-	-	-	R	R	R	R	-	R	-	R	R	R	R	-	R	R	-	-	-	-	R	R	-	R	R	R	-	-	-	-								
Status in RL System	09												14												12												11												
Year first listed	09	14	12	11	02	99	11	09	03	14	04	03	14	14	13	13	13	14	11	10	09	14	13	13	09	10	12	13	06	13	14	13	11	13	12	10	12	03	08	12	09								
RL Status	-	-	-	-	-	*	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Breeder/ UK contact	SyP RAGT Lim												BA Lim												Wier SyP KWS KWS KWS												Lim BA KWS BA RAGT KWS Lim Sen												
Breeder	SyP	RAGT	Lim	BA	Lim	RAGT	KWS	Lim	Wier	SyP	KWS	KWS	KWS	Lim	BA	KWS	BA	RAGT	KWS	Lim	Sen	Mom	Lim	Mom	KWS	KWS	Lim	RAGT	Lim	Lim	Sej	Sec	KWS	KWS	KWS	KWS	KWS	KWS	Bre	RAGT	KWS								
UK contact	Syn	RAGT	Lim	Sen	Lim	RAGT	KWS	Lim	Lim	Syn	KWS	KWS	KWS	Lim	Sen	KWS	Sen	RAGT	KWS	Lim	Sen	KWS	Lim	KWS	KWS	Sen	Lim	RAGT	Lim	Lim	Lim	Agr	KWS	KWS	KWS	KWS	KWS	KWS	Sen	RAGT	KWS								

Varieties no longer listed: Zircon

+ = spring wheat

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 winter wheat Recommended List Supplementary data table (page XX).

The data for the spring wheat varieties constitute a Recommended List, the winter wheat data presented do not constitute a Recommended List but are shown to allow direct comparisons with data for the spring wheat varieties.

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

UK = recommended for the UK

E = recommended for the East region

E&W = recommended for the East and West regions

* = variety no longer sown in late autumn sown trials

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

= latest safe sowing date is the advised latest date to give sufficient cold for flowering. Spring wheats have no vernalisation requirement

LSD = least significant difference

Average LSD (5%): varieties that are more than one LSD apart are significantly different at the 5% confidence level

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

Key to Breeder and UK contact codes

Agr = Agrii (www.agrii.co.uk)

BA = Blackman Agriculture

Bre = SaatZucht Josef Breun, Germany

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

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

Mom = Momont, France

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

Sec = Secobra, France

Sej = Sejet, Denmark

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

Syn = Syngenta UK Ltd (www.syngenta.co.uk)

SyP = Syngenta Participations AG (www.syngenta.co.uk)

Wier = Wiersum, Netherlands

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