

AHDB Recommended List - Table 1

Winter wheat 2018/19

Market options, yield and grain quality



	KWS Zyratt	Skyfall	KWS Trinity	RGT Illustrious	Crusoe	KWS Siskin	KWS Lili	Cordiale	KWS Barrel	Elicit	Spyder	KWS Bassett	Zulu	KWS Jackal	Elation	Bennington	LG Sundance	Hardwicke	Savello	LG Molown	Moulton	Leeds	Myriad	Revelation	Viscount	RGT Gravity	Gleam	KWS Kerrin	Shabras	KWS Silverstone	KWS Santiago	Graham	KWS Crispin	Dickens	Evolution	Freiston	Reflection	Dunston	Costello	JB Diego	Grafton	Average LSD (5%)			
End-use group	nabim Group 1					nabim Group 2			nabim Group 3					Soft Group 4										Hard Group 4																					
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	E&W	UK	UK	N	UK	E&W	UK	N	N	UK	UK	UK	N	UK	N	UK	UK	E&W	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK			
	C				C			*		NEW			C	NEW	NEW											NEW	NEW			*	E&W	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK			
Fungicide-treated grain yield (% treated control)																																													
United Kingdom (11.0 t/ha)	102	100	99	98	97	103	102	96	103	103	100	100	99	104	104	103	102	102	102	102	101	101	99	98	98	106	105	105	104	104	103	103	102	102	102	102	102	102	102	101	101	99	2.1		
East region (10.9 t/ha)	102	100	99	98	97	103	102	97	102	103	100	100	99	104	104	104	102	102	102	102	101	101	99	99	98	106	106	105	104	104	104	102	103	102	103	102	102	102	102	101	100	99	2.5		
West region (11.3 t/ha)	103	100	98	99	98	103	101	95	101	101	101	99	98	102	103	103	102	101	100	101	101	100	98	97	97	106	104	104	104	103	102	106	103	102	100	103	102	101	102	101	100	98	2.7		
North region (10.7 t/ha)	100	100	99	94	94	100	103	95	107	[104]	96	99	102	[105]	[103]	100	102	103	104	102	101	102	101	99	101	[108]	[105]	107	105	104	104	101	98	103	104	103	102	103	102	103	100	101	[[101]]	3.5	
Main market options (The specific attributes of varieties are different so, whenever possible, varieties should not be mixed in store)																																													
UK breadmaking	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UK biscuit, cake-making	-	-	-	-	-	-	-	-	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UK distilling	-	-	-	-	-	-	-	-	-	-	-	[Y]	-	[Y]	Y	-	[Y]	[Y]	[Y]	[Y]	-	[Y]	[Y]	Y	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ukp bread wheat for export	Y	-	-	-	Y	Y	Y	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
uks soft wheat for export	-	-	-	-	-	-	-	-	Y	Y	-	Y	Y	-	Y	Y	-	-	-	-	Y	Y	[Y]	[Y]	[Y]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grain quality																																													
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	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	Hard	Hard	Hard	Hard	Hard	Hard		
Protein content (%)	11.9	11.9	11.6	11.9	12.5	11.5	11.2	12.1	11.0	11.3	11.8	11.3	11.3	10.8	11.2	11.3	11.0	11.0	11.1	11.1	11.5	11.1	11.2	11.3	11.1	11.2	11.0	10.6	10.9	11.1	11.2	11.1	11.4	11.2	10.9	10.8	11.0	11.2	11.2	11.6	11.3	11.6	0.2		
Protein content (%) - Milling spec	12.9	13.1	12.8	13.0	13.6	12.9	12.3	13.1	12.1	-	12.9	12.4	12.4	-	-	12.3	12.2	12.2	12.3	12.2	12.6	12.2	12.5	12.3	12.2	-	-	11.6	12.1	11.9	12.5	12.1	12.5	12.0	12.1	11.9	12.1	12.4	12.6	12.4	12.6	0.3			
Hagberg Falling Number	274	294	348	278	275	302	305	335	224	206	286	234	234	160	200	237	175	206	216	219	267	212	240	253	192	195	203	139	202	299	171	286	283	257	202	174	246	225	336	319	324	20			
Specific weight (kg/hl)	78.5	78.9	78.1	77.6	78.4	77.7	77.6	79.9	77.6	77.7	76.9	76.7	76.7	76.7	78.3	77.7	75.0	76.5	75.1	76.2	78.0	78.4	77.1	76.7	76.6	76.8	76.6	76.6	76.4	78.9	76.1	77.1	77.4	76.8	75.5	77.5	78.5	77.2	81.1	78.4	79.1	0.6			
Chopin alveograph W	191	[216]	[241]	[260]	217	181	189	[200]	94	88	[136]	91	97	[75]	94	90	73	86	-	59	98	[74]	[91]	[78]	[91]	-	-	-	-	[174]	-	132	-	-	[145]	[75]	-	[73]	[187]	-	-	23			
Chopin alveograph P/L	0.6	[1.5]	[0.9]	[1.2]	0.6	0.6	0.7	[0.6]	0.4	0.3	[0.4]	0.3	0.3	[0.3]	0.3	0.4	0.4	0.6	-	0.3	0.4	[0.2]	[0.2]	[0.3]	[0.3]	-	-	-	-	[1.4]	-	0.5	-	-	[1.2]	[0.9]	-	[0.6]	[0.8]	-	-	0.2			

Varieties no longer listed: Belgrade, Britannia, Claire, Gallant and Relay

Comparisons of varieties across regions are not valid

UK = recommended for the UK

E&W = recommended for the East and West regions

N = recommended for the North region

C = yield control (for current table)

[] = limited data

[[]] = very limited data

Y = suited to that market

[Y] = may be suited to that market

* = variety no longer in trials

LSD = least significant difference

Average LSD (5%): Varieties that are more than one LSD apart are significantly different at the 95% confidence level

