

AHDB Recommended List - Table 3

Winter wheat varieties grown in RL trials in 2017 but not added to the AHDB Recommended List

	Control varieties				Other varieties			
	Skyfall	Crusoe	Zulu	KWS Santiago	JB Diego	RGT Universe	KWS Luther	Average LSD (5%)
Fungicide-treated grain yield (% treated control)								
United Kingdom (11.0 t/ha)	100	97	99	103	101	104	101	2.1
East region (10.9 t/ha)	100	97	99	104	100	104	101	2.5
West region (11.3 t/ha)	100	98	98	102	101	103	101	2.7
North region (10.7 t/ha)	100	94	102	104	101	[105]	[102]	3.5
Untreated grain yield (% treated control)								
United Kingdom (11.0 t/ha)	82	76	74	69	74	75	84	6.1
Grain quality								
Endosperm texture	Hard	Hard	Soft	Hard	Hard	Soft	Soft	
Protein content (%)	11.9	12.5	11.3	11.2	11.3	11.2	11.2	0.2
Protein content (%) - Milling spec	13.1	13.6	12.4	12.5	12.4	-	-	0.3
Hagberg Falling Number	294	275	234	171	319	173	233	20
Specific weight (kg/hl)	78.9	78.4	76.7	76.1	78.4	76.6	78.0	0.6
Chopin alveograph W	[216]	217	97	-	-	-	[89]	23
Chopin alveograph P/L	[1.5]	0.6	0.3	-	-	-	[0.5]	0.2
Agronomic features								
Resistance to lodging without PGR (1-9)	8	7	6	7	7	6	8	0.5
Resistance to lodging with PGR (1-9)	8	8	7	7	8	7	8	0.5
Height without PGR (cm)	82	80	89	85	87	91	82	1.9
Ripening (days +/- JB Diego, -ve = earlier)	0	+1	+1	+2	0	+2	+2	0.6
Resistance to sprouting (1-9)	5	6	5	5	7	-	-	1.0
Disease resistance								
Mildew (1-9)	5	6	7	6	6	5	6	1.8
Yellow rust (1-9)	6	9	5	7	5	8	8	0.9
Brown rust (1-9)	9	3	5	5	6	4	7	1.0
Septoria nodorum (1-9)	[6]	6	[6]	5	6	-	-	0.6
Septoria tritici (1-9)	6.0	6.8	5.4	4.3	5.3	5.2	5.1	0.7
Eyespot (1-9)	6@	4	4	4	5	[4]	[4]	1.2
Fusarium ear blight (1-9)	7	6	6	6	6	[6]	[6]	0.5
Orange wheat blossom midge	R	-	R	R	-	R	R	

This table should be read in conjunction with the AHDB Recommended List of winter wheat varieties for 2018/19

[] = limited data

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

@ = believed to carry the *Pch1* Rendezvous resistance gene to eyespot but this has not been verified in Recommended List tests

LSD = least significant difference

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