

LG Winter
Wheat Guide

YIELD









MARKET
OPTIONS

GRAIN
QUALITY

AGRONOMIC
CHARACTERS

DISEASE
RESISTANCE

PEDIGREE

	GROUP 1	GROUP 2	GROUP 3	GROUP 4				
	 CRUSOE WINTER WHEAT	 LG DETROIT WINTER WHEAT	 ZULU WINTER WHEAT	 LG SKYSCRAPER WINTER WHEAT	 LG SPOTLIGHT WINTER WHEAT	 LG SUNDANCE WINTER WHEAT	 LG MOTOWN WINTER WHEAT	 REVELATION WINTER WHEAT
Data source	AHDB RL 2020/21	AHDB RL 2020/21	AHDB RL 2020/21	AHDB RL 2020/21	AHDB RL 2020/21	AHDB RL 2020/21	AHDB RL 2020/21	AHDB RL 2020/21
AHDB Status	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended
UK Treated yield	96	100	97	105	103	100	99	96
AHDB East treated yield	96	100	97	106	102	100	99	96
AHDB West treated yield	97	101	97	104	104	100	99	95
AHDB North treated yield	92	(93)	98	103	100	99	98	95
Untreated grain yield (% treated control)	71	77	69	83	80	85	83	77
Suitability as a first cereal	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Suitability as a second cereal	✓✓	✓✓	✓✓	✓✓✓	✓✓	✓✓✓	✓✓	✓✓
YIELD COMMENT	Highest yielding recommended Gp1 wheat in 2019	Yield equivalent to GP2 KWS Siskin and Extase	Older variety but yields well in the North on farm	Highest yielding feed wheat available in the UK	Yield potential equivalent to the hard feed varieties with major market share in the UK	High yield potential in first & second wheat situation - preference heavier soil types	High yielding - suitable for later drilling and Northern areas	Tried and tested earlier sowing variety with higher yield potential in the North
UK Breadmaking	Y	Y						
UK Biscuit/Cake making			Y					
UK Distilling			(Y)	(Y)	(Y)	(Y)	(Y)	Y
ukp Bread wheat for export	Y	Y						
uks Soft wheat for export			Y					Y
Endosperm texture	Hard	Hard	Soft	Soft	Soft	Soft	Soft	Soft
Protein content (%)	12.9	12.3	11.7	11.4	11.4	11.3	11.4	11.8
Hagberg Falling Number (secs)	273	279	225	218	288	175	223	250
Specific weight (kg/hl)	77.9	77.6	76	76.9	77.9	73.9	75.6	76.4
MARKET /QUALITY COMMENTS	Genetically high protein content making it a favourite with growers and millers	Solid GP2 with Inherent higher protein content from its parent Crusoe	A biscuit variety with acceptance for distilling and export	Soft feed variety with distilling and additional end use marketing premiums	Soft feed variety with Distilling and excellent grain quality for securing end use premiums	Soft feed variety with Distilling	Soft feed variety with Distilling and good grain quality	Soft feed variety with good grain for both distilling & export opportunities
Optimum sowing date	Mid	Mid/Late	Mid/Late	Mid/Late	Mid/Late	Mid/Late	Mid/Late	Early/Mid
Latest safe sowing date	End Jan	End Jan	Mid Feb	End Jan	End Feb	End Jan	Mid Feb	End Jan
Speed of Spring apical development	Medium/Fast	Medium	Medium/Fast	Medium/Fast	Medium	Slow/Medium	Medium/Fast	Slow/Medium
Resistance to lodging without PGR	7	8	6	7	7	6	6	7
Resistance to lodging with PGR	8	7	7	7	8	7	6	8
Height without PGR (cm)	81	85	89	91	93	86	83	85
Ripening (Days +/- Skyfall)	0	+1	0	0	+1	+2	0	+3
Resistance to sprouting	6	(6)	5	(6)	(7)	(4)	(5)	5
Mildew	6	5	7	7	6	7	7	6
Yellow Rust	9	9	5	8	8	9	9	9
Brown Rust	3	5	7	6	7	6	7	8
Septoria Nodorum	(6)	-	(6)	-	-	(6)	(6)	(7)
Septoria tritici	6.2	5.3	5.4	5	5.1	7.9	5.4	6
Eyespot	5	(5)	4	(4)	(5)	3	4	7*
Fusarium Ear Blight	6	7	6	6	6	6	6	6
Orange Wheat Blossom Midge	-	R	R	R	R	R	R	-
AGRONOMY/DISEASE COMMENT	Short, stiff straw combined with good YR & ST disease resistance (BR requires monitoring)	Stiff strawed variety with good fusarium & OWBM resistance	OWBM & SBCMV Resistant. Responds well to PGR - (YR requires monitoring)	Taller variety with a quicker speed of development in the Spring - Ideal for later sowing or the Blackgrass situation	Taller stiff strawed variety with excellent security of grain quality (YR requires monitoring)	Excellent disease resistance combined with OWBM - High tillering variety - Split PGR programme recommended	Strong disease resistance plus OWBM. Earlier maturity for Northern growers - Split PGR required	Excellent agronomic package with stiff straw and good disease resistance - Tried and tested earlier drilling variety
Pedigree	Cordiale x Gulliver	(Kingdom x KWS Santiago) x Crusoe	(CEB99080 x Claire) x Robigus	(Cassius x NAWW29) x KWS Santiago	Scribe x Horatio	(Hereford x Viscount) x Cassius	(Bantam x Hunter) x Denman	(Alchemy x Claire) x Shepherd

All data from the AHDB Winter Wheat Recommended List 2020/21. R = Resistant. () = limited data. * = presence of Pch1 Rendezvous eyespot resistance gene. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. High resistance).