LG CHALLENGER

BREEDERS REFERENCE: LGWU207 **TRIAL STATUS:** RECOMMENDED UK **PARENTAGE:** (RGT GRAVITY X SY INSITOR) X LG SKYSCRAPER

Very high yielding across all regions

WINTER WHEAT

KEY STRENGTHS

Very good specific weight and HFN
....
One of the highest yielding untreated yields on the RL
....
High consistent yields across all regions
....
Well rounded agronomic package
....
Consistent and high performing, joint highest yielding 2nd wheat in trial

UKFM 4 HARD

OWBM

	LG CHALLENGER	KWS Scope	Champion	SY Insitor
YIELD (% of treated control)				
UK	**107**	106	106	104
East	**107**	105	105	104
West	**107**	107	107	103
North	**(109)**	105	105	107
Untreated (% of treated control)	**93**	84	82	75

DISEASE RESISTANCE
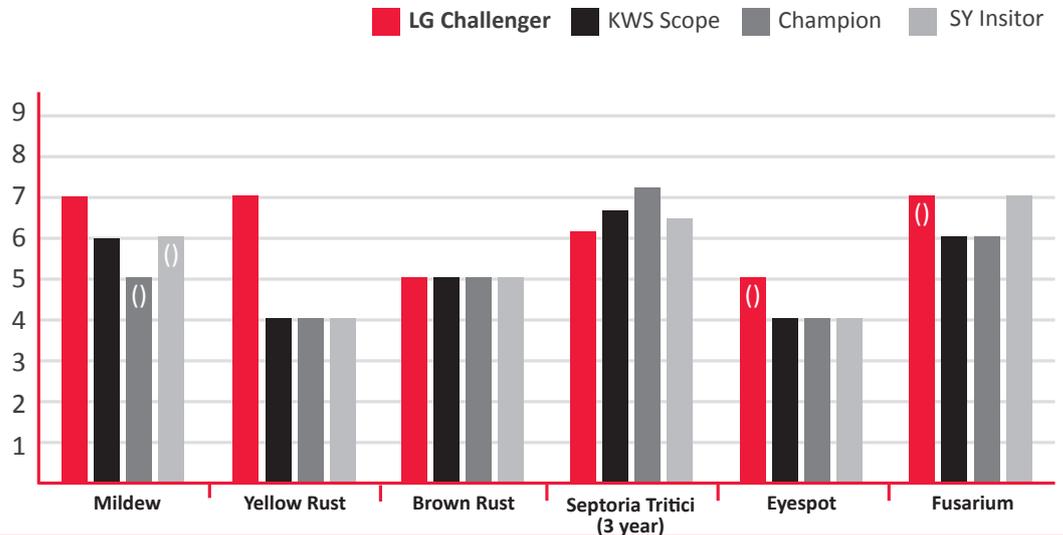
Legend: ■ LG Challenger ■ KWS Scope ■ Champion ■ SY Insitor

Disease resistance bar chart (scale 1–9):

- **Mildew:** LG Challenger 7, KWS Scope 6, Champion 5 (), SY Insitor 6 ()
- **Yellow Rust:** LG Challenger 7, KWS Scope 4, Champion 4, SY Insitor 4
- **Brown Rust:** LG Challenger 5, KWS Scope 5, Champion 5, SY Insitor 5
- **Septoria Tritici (3 year):** LG Challenger 6.2, KWS Scope 6.6, Champion 7.2, SY Insitor 6.4
- **Eyespot:** LG Challenger 5 (), KWS Scope 4, Champion 4, SY Insitor 4
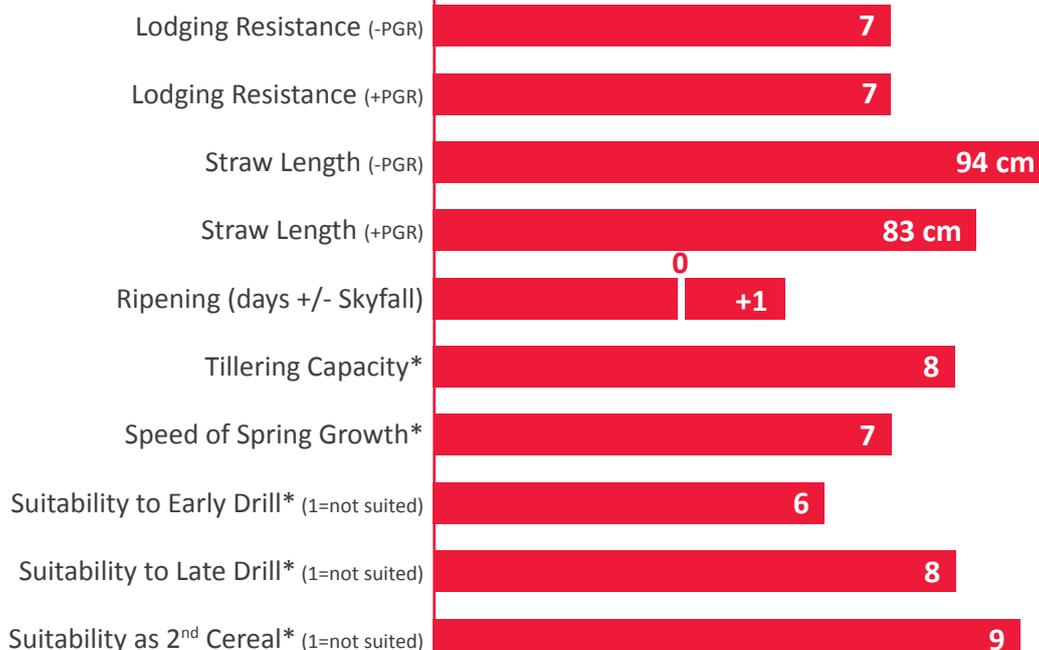- **Fusarium:** LG Challenger 7 (), KWS Scope 6, Champion 6, SY Insitor 7

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AGRONOMIC PROFILE

Character	Value
Lodging Resistance (-PGR)	7
Lodging Resistance (+PGR)	7
Straw Length (-PGR)	94 cm
Straw Length (+PGR)	83 cm
Ripening (days +/- Skyfall)	+1
Tillering Capacity*	8
Speed of Spring Growth*	7
Suitability to Early Drill* (1=not suited)	6
Suitability to Late Drill* (1=not suited)	8
Suitability as 2nd Cereal* (1=not suited)	9

	LG CHALLENGER	KWS Scope	Champion	SY Insitor
GRAIN QUALITY				
Specific Weight (kg/hl)	78.6	78.6	75.3	78.6
Protein Content (%)	10.2	10.6	10.9	10.4
Hagberg Falling Number	295	251	253	279

SOWING WINDOW

September	October	November	December	January	February	March

Safe sowing window   Sowing window for optimal performance

Data used from AHDB 2026/2027 Recommended List. See https://ahdb.org.uk/rl for full dataset. On the 1-9 scales, high figures indicate that the variety shows the character to a high degree. (e.g. high resistance). ( ) = limited data. Agronomic features marked with * are breeders perspective.