

## Group 1, Bread and Export

Limagrain UK

Cordiale X Gulliver

## Crusoe



Fungicide-treated grain yield (% treated control)	
United Kingdom (11.0 t/ha)	97
East region (10.9 t/ha)	97
West region (11.3 t/ha)	98
North region (10.7 t/ha)	94
Main market options	
UK breadmaking	Y
ukp bread wheat for export	Y
Grain quality	
Endosperm texture	Hard
Protein content (%)	12.5
Protein content (%) - Milling spec	13.6
Hagberg Falling Number	275
Specific weight (kg/hl)	78.4
Chopin alveograph W	217
Chopin alveograph P/L	0.6
Untreated grain yield (% treated control)	
United Kingdom (11.0 t/ha)	76
Agronomic features	
Resistance to lodging without PGR (1-9)	7
Resistance to lodging with PGR (1-9)	8
Height without PGR (cm)	80
Ripening (days +/- JB Diego, -ve = earlier)	+1
Resistance to sprouting (1-9)	6
Disease resistance	
Mildew (1-9)	6
Yellow rust (1-9)	9
Brown rust (1-9)	3
Septoria nodorum (1-9)	6
Septoria tritici (1-9)	6.8
Eyespot (1-9)	4
Fusarium ear blight (1-9)	6
Orange wheat blossom midge	-
Rotational position	
First cereal (11.4 t/ha)	97
Second and more (9.8 t/ha)	96
Sowing date (most trials were sown in October)	
Early sown (before 15th Sept) (11.1 t/ha)	97
Late sown (mid-Nov to end-Jan) (10.6 t/ha)	96
Soil type (about 50% of trials are on medium soils)	
Light soils (10.7 t/ha)	96
Heavy soils (11.4 t/ha)	97
Agronomic features	
Latest safe sowing date #	End Jan

## Variety Positioning

- Remains a significant variety but starting to drop back now that KWS Zyatt has entered the market. Remains a leading Group 1 milling wheat and recognised for its high yield and the ability to lay down protein efficiently. It has good grain characteristics and higher protein levels than the other milling varieties. Crusoe is accepted by both domestic and export markets. Still widely grown for feed especially in the West where its *Septoria* resistance is key but its weakness on Brown Rust is forcing some growers to move away.
- It is suitable for all regions of the UK except for Scotland. Performs consistently well across all soil types although it can quickly lose tillers under stress conditions. Medium/fast in its speed of development it is best drilled in the main drilling window and not ideal for either early or late drilling. Average performance as a second wheat similar and slightly later to ripen than other varieties in this category.
- A moderate to high tillering capacity and semi-erect growth habit that is moderately competitive against grass weeds. Short and relatively stiff straw with the very characteristic 'wax-less' appearance. It has medium maturity.
- Excellent disease resistance is especially strong against Yellow Rust, Mildew and *Septoria tritici* which remains good but crop monitoring is essential for Brown Rust (1.8). It is a good diversification partner for Yellow Rust and the resistance is holding up well despite early observations of seedling infection.

Data source: [www.cereals.ahdb.org.uk/](http://www.cereals.ahdb.org.uk/)

Agrii's ratings =()