

# Crusoe

**Highest protein content available**



**Nabim Group:** Group 1

**Market Options:** UK breadmaking & UKP bread wheat for export

**OWBM Resistance:** No

**Sowing Date:** Normal

**Rotational Position:** First Cereal & Second Cereal

**Soil Type:** Light Soils & Heavy Soils

Since introduction in 2012, it is no surprise that Crusoe has become one of the miller's first choice varieties. The Group 1 variety offers growers an excellent level of security, combining good agronomics with an inherently high protein content and good sprouting resistance.

## Strengths

- Highest protein on the AHDB Recommended List
- Easy to manage with good resistance to Septoria tritici, mildew and yellow rust
- High treated yield potential
- Short, stiff straw



- Excellent milling characteristics, suitable for premium milling and export market
- Good lodging resistance

## Technical Information

Technical information for Crusoe:

	CRUSOE	Skyfall	KWS Zyatt
Lodging % - Untreated	8	8	8
Lodging % (with PGR)	7	8	8
Height (cm)	82	84	85
Ripening (days +/- Skyfall)	+1	0	0

	CRUSOE	Skyfall	KWS Zyatt
Mildew	7	6	7
Yellow Rust	9	3	4
Brown Rust	3	8	6
Septoria tritici	6.2	5.3	6.1
Eyespot	5	7@	6@
OWBM	-	R	-

	CRUSOE	Skyfall	KWS Zyatt
Protein Content (%)	12.7	12.2	12.2
Hagberg Falling Number	274	273	260
Specific Weight (kg/hl)	77.8	78.3	77.5



## Experts Advice

Crusoe was added to the AHDB RL in 2012 and has shown consistency in yield performance in some very erratic weather conditions. The variety has a good agronomic profile with good disease resistance ratings, and an inherently higher grain protein content than its competitor lines in the group. Millers have seen increasing volumes of this variety through the plants and are happy with its results – giving good crumb structure and baking performance. Crusoe has shown good yield consistency over years, regions, rotational positions and soil type.

Crusoe has good agronomic characters, combined with a very good disease resistance profile for the major foliar diseases – mildew, yellow rust & *Septoria tritici* – making it an easy variety to manage.

Crusoe has a low level of resistance to brown rust; a consequence of possible race changes across Europe, but as long as the disease is monitored and applications of fungicide are made at the targeted growth stages, this should not be of serious concern.

The *Septoria tritici* resistance of a variety should never be underestimated. This was highlighted in the 2019 season. *Septoria* resistance offers security of yield performance when erratic weather conditions prevail, restricting the application of fungicides at the key targeted growth stage timings. In many cases last season, when disease pressure was high and delayed fungicide strategies had to be implemented, Crusoe out-yielded all other Nabim GP1 varieties on the AHDB RL 2020/21. It has been very evident in the seed sales of Crusoe that the variety is being grown in associated regions, i.e. South West, as a feed wheat replacement, due to its robust performance in these high disease pressure regions.

