

The **first choice** spring oat for end users



WPB ISABEL

Husked Spring Oat



- Most popular spring oat variety
- Excellent milling characteristics
- Good agronomics on-farm

From the Wiersum plant breeding stable that brought WPB Elyann to the UK market, WPB Isabel has established itself to be the UK's most planted spring oat for the last few seasons and for good reason too: it's a variety that ticks all the boxes for the grower and the end-user.

Tried and tested by UK growers over the past 5 contrasting seasons. It has found end-user appeal thanks to its high specific weights (53.7 kg/hl), low screenings and most importantly, excellent kernel content.

In the field, at 114cm, Isabel is a taller plant type

offering good straw yields but has very stiff straw gaining a score of 7 for lodging without PGR. Couple this with a good balanced disease resistances for mildew (5) and crown rust (4) and you have a variety that will be liked equally on-farm and in the oat mill.

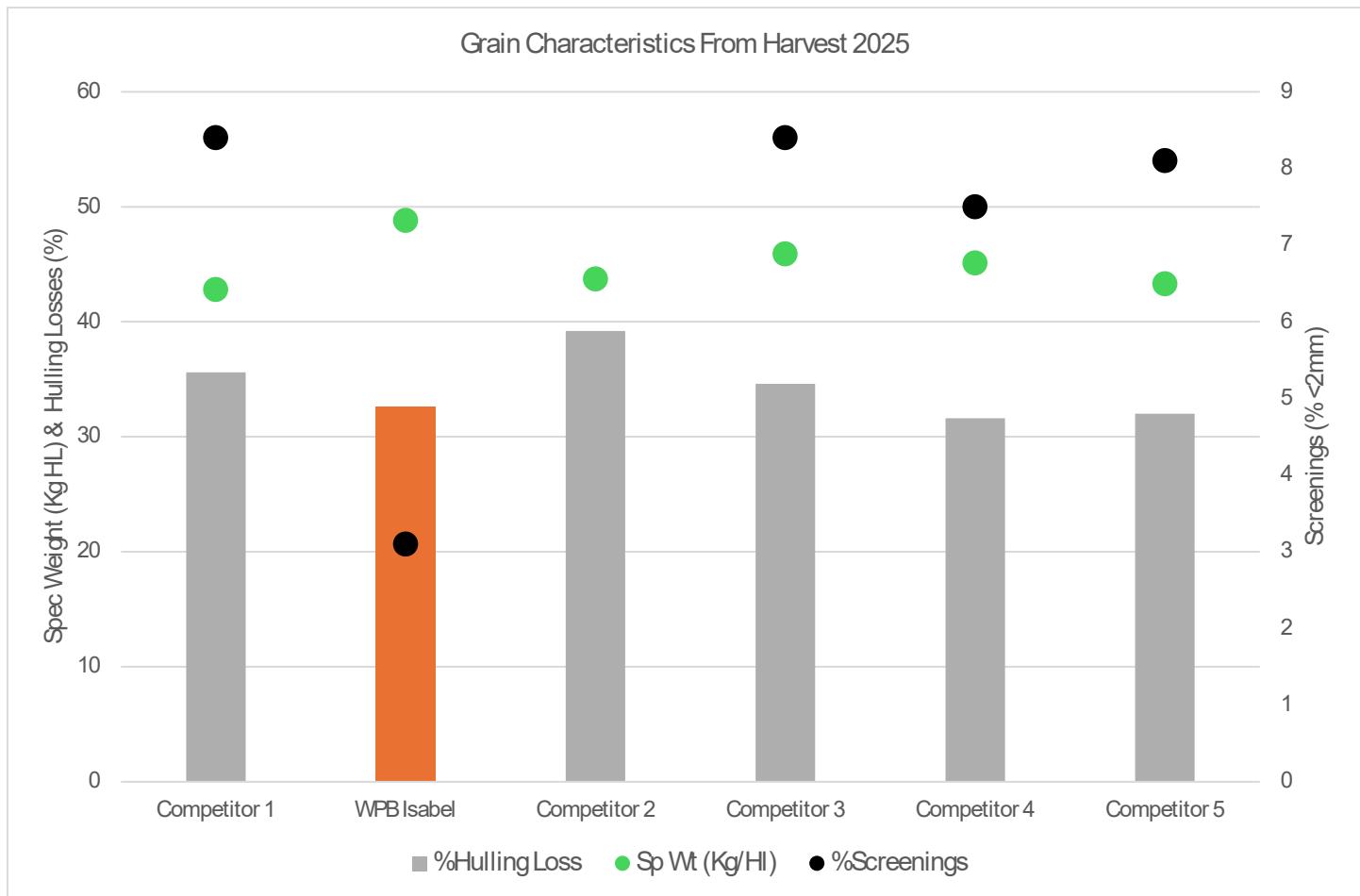


RECOMMENDED

What makes WPB ISABEL the spring oat variety for you?

Grain quality data from a milling trial demonstrated that WPB Isabel closely matches the key characteristics millers look for in a variety suitable for processing. Among all varieties screened, WPB Isabel recorded the lowest screenings in what was a particularly high-screening year. It also achieved the highest specific weight, alongside a lower hulling loss percentage.

The strength and consistency of these grain quality traits have made WPB Isabel the most popular spring oat variety grown over the past few seasons.



Disease resistance and agronomy of WPB ISABEL



| Resistance to | WPB ISABEL |
|---------------|------------|
| Mildew | 5 |
| Crown Rust | 4 |

Resistance to Lodging (-PGR)

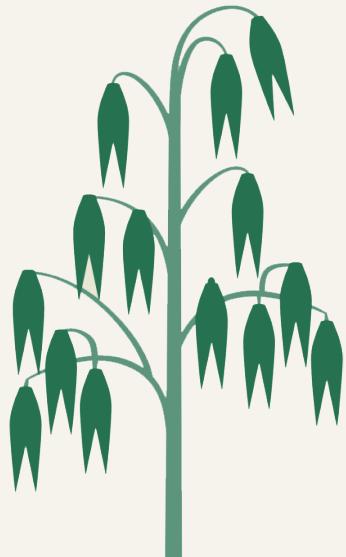
7

Height without PGR (cm)

114

Ripening days (+/- WPB Isabel)

0



WPB ISABEL end-use and grain quality

WPB Isabel is a tried and tested spring oat for UK oat millers. It is a sought-after variety, and contracts are available this spring thanks to the variety's flexibility in the mill. It has excellent hullability and very high kernel content, couple that with high specific weight and low screenings and you have a 1st choice variety for oat processors.

Detailed growing protocols are available from oat processors, growers are advised to speak to their local home to ensure that they adhere to contract specifications and maximise their gross margin opportunities.

| WPB ISABEL | |
|------------------------------|------|
| Seed Characteristics | |
| Kernel Content | 72.5 |
| Specific Weight (kg/hl) | 53.7 |
| Screenings (% through 2.0mm) | 2.1 |
| Screenings (% through 1.8mm) | - |



Oats - healthy for us and sustainable for fields!

Demand for UK grown oats continues to increase year-on-year. Whole grains play an important part in a healthy and balanced diet providing a useful source of dietary fibre and other nutrients we need for good health.

The UK government guidelines advise adults should have 30g of dietary fibre a day as this is associated with a lower risk of heart disease, stroke, type 2 diabetes and bowel cancer. However, many adults in the UK only eat around 60% of this requirement, so most of us need to increase our intakes.

The nutritional benefits of oats are clear, they are a well-balanced source of carbohydrates and fibre whilst also having a good level of protein, vitamins and minerals. These gut-health benefits also makes oats excellent to include in animal feed rations – their balanced composition makes them less likely to cause digestive upsets in cattle and can therefore be fed in larger amounts than many other cereal grains.



This picture shows how oats are processed in the UK. The outer shell (husk) of the grain is removed, producing groat.

In the field, oats offer growers a useful addition to the rotation. They can act as a semi-break from wheat and barley; their phytosanitary affect suppressing infection cycles of disease such as eyespot. In addition, they have good weed suppression activity, have a good network of roots to boost their ability to scavenge nutrients, tolerate cold better than many other spring crops as well as requiring less nitrogen and chemistry to delivery a highly marketable crop.

KWS work with well-known European breeders such as Wiersum Plant Breeding (WPB) as well as having our own dedicated breeding programme with a significant trials network across the UK.

To learn more about how this cereal break crop could add profit to your rotation, contact one of the UK team.

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