

# Oakley

## Mammoth Yields – Year in, Year out

- **The UK's most popular wheat**
- **Exceptional on-farm performance**
- **Still the highest yielding wheat in trial**
- **Resistant to Orange Wheat Blossom Midge**

After three years on the UK Recommended List, Oakley is once again the highest yielding wheat, one that continues to exceed growers' yield expectations across the UK.

Despite yellow rust susceptibility, if grown with a comprehensive fungicide programme that starts early and keeps the disease out of the crop, Oakley will continue to be a top-performer on farm.

As a first wheat Oakley is unbeatable and this is where most growers will position it on farm.

With its huge baseline yields, Oakley also does incredibly well as a second wheat – it is just 1% behind the leading variety.

### KWS UK

KWS UK is one of the leading plant breeding businesses in the UK with a growing portfolio of market leading varieties of oilseed rape, maize, sugar beet and cereals.

### Oilseed Rape

Oilseed rape varieties widely available in 2010 include:-

**Cuillin** – A key hybrid selection for the north with very high yields, and almost complete resistance to light leaf spot.

**Eiffel** – The ideal Castille replacement with low biomass and superb standing power.

**Krypton** – Combining outstanding yields, one of the highest oils and exceptional standing power

The company is also the market leader in the supply of HEAR rapes for industrial use. Both Marcant and Palmedor offer exceptional hybrid yields and high oils.

### Product Development

As part of our package of support for new varieties, KWS UK carries out trials across the UK. A key focus is our Product Development Field near our base at Thriplow, where all new varieties of oilseed rape, maize, sugar beet and cereals are grown in rotational situations. If you would like an invitation to visit one of our trials this summer, ring Elizabeth Hall on 01763 207317.

### Leaders in Biogas

KWS has nailed its flag to the burgeoning EU biogas industry most leading the breeding world with dedicated programmes looking at crops and varieties that produce high power outputs.

Working with 'gigantic' maize material from South America our breeders have developed varieties that produce 10,000 cubic metres of methane/ha from DM yields approaching 30t/ha.

UK trials suggest that these maize types, as well as sugar beet, will be key feed stocks for a growing number of on-farm biogas plants across Britain.

Winter Wheat



## Oakley

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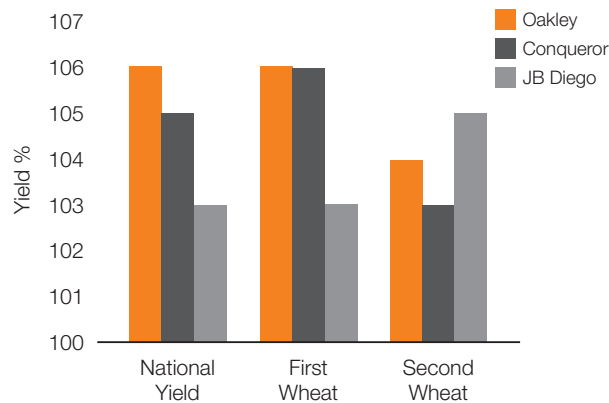
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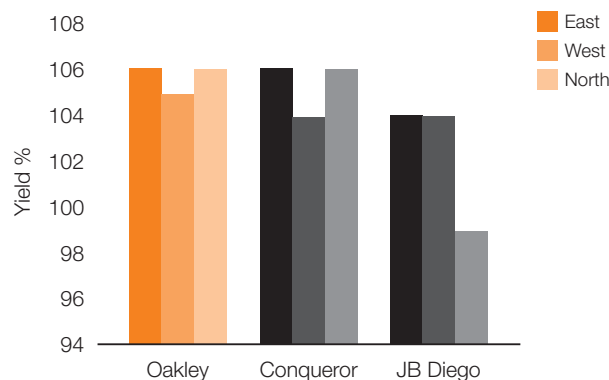


Seeding the future  
since 1856



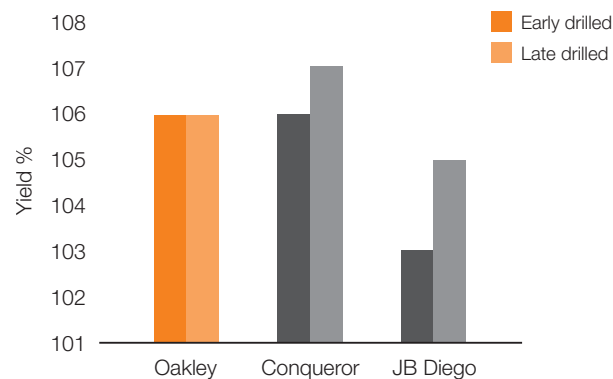
Data source: HGCA Recommended List 2010/11 for Winter Wheat

Oakley has also been remarkably consistent across all trials over the last five years and performs equally well in all regions across the UK.



Data source: HGCA Recommended List 2010/11 for Winter Wheat

Drilled before October 6th no variety beats it and when it comes to late drilling – from mid-October onwards – Oakley is only beaten by Conqueror.



Data source: HGCA Recommended List 2010/11 for Winter Wheat

### End Use

Group 4 Hard Feed.

### Agronomic Characteristics

As with any high yield potential wheat, Oakley is responsive to high input fungicide regimes. The longer you can keep it green in the run up to harvest, the higher the yield.

Oakley	
Mildew	5
Yellow rust	2
Brown rust	6
<i>S. nodorum</i>	7
<i>S. tritici</i>	6
Eyespot	4
Fusarium ear blight	5

The key focus for disease control is yellow rust. Oakley is susceptible to the new Solstice race and will need protection.

Serious consideration should be given to selecting systemic seed treatments such as Jockey or Galmano that will delay yellow rust development and will improve straw strength.

In addition, growers should select appropriate foliar fungicides that are particularly active against yellow rust at the T0 and T1 timing.

Early protection is the best course of action and this should be followed by T2 and T3 fungicides that are also capable of controlling rust. Eyespot may also need targeting in high pressure situations.

With medium length and reasonably stiff straw, a routine early PGR is recommended and an additional treatment may often be justified in high yielding situations.

Straw strength with PGR	Straw strength without PGR	Straw height without PGR (cms)
7	8	88

Data source: HGCA Recommended List 2010/11 for Winter Wheat

Oakley is resistant to Orange Wheat Blossom Midge – this negates spraying for the pest in all but the highest pressure situations.

### Growth Characteristics

Oakley has moderate winter dormancy with good tillering ability and excellent tiller retention. It is suitable for drilling from mid September onwards.

It is even better than Robigus at suppressing grass weeds, especially in difficult to control blackgrass situations.

Oakley is tolerant to chlorotoluron.