

**CROPCO**



**HYBRID WHEAT**

## What is Hybrid Wheat?

Hybrid Wheat is a cross between two, carefully selected, pure lines. Each hybrid variety therefore has genes from both parent varieties.

The hybrid vigour or heterosis achieved by crossing two distinct varieties is expressed as the plant grows.

Benefits common to hybrid wheat varieties include:

- More developed root system
- Increased tillering
- Rapid plant establishment
- Early maturity
- Resistance to stress - cold, drought, waterlogging
- Good disease resistance
- Improved performance on marginal sites
- Even plant establishment
- Higher TGW

The increased root mass, larger plant stem and thicker stem wall also gives improved standing ability.

All of this adds up to improvements in **consistency** of yield when compared to conventional varieties.

## What growers think



### **Geo E Gittus & Son, Suffolk**

Farms Director Mark Wells sees Hybrid Wheat as an effective tool in blackgrass control strategies, providing a high yielding crop when late drilled.



### **Garton Field, East Yorkshire**

Simon Ulyott farms 600 acres on the Yorkshire Wolds. High altitude plus chalky soils mean that early establishment of OSR is essential. This is where Hybrid Wheat's early maturity comes into its own.



### **Stody Estate, North Norfolk**

Arable manager Mike Wilton operates a diverse rotation on light soils. He has recorded over 11 t/ha in Hybrid Wheat strip trials on land that seldom favours winter wheat.



### **Tillingham, Essex**

William Procter sees Hybrid Wheat as an insurance policy against the risk of drought on his light land. Hybrid Wheat has provided consistently high yields on poor fields and in difficult seasons for over 10 years.

# Hybrid Wheat in the UK

UK farmers have found Hybrid Wheat to be ideal for late drilling, aiding effective blackgrass control strategies without resorting to spring sown crops.

On light land and under dry conditions Hybrid Wheat has consistently lifted whole farm averages. On challenging sites that usually average less than 9 t/ha (including sandy, drought-prone soils in East Anglia, high altitude plots in the Yorkshire Wolds and Cotswold brash) Hybrid Wheat varieties have exceeded 14 tonnes per hectare. Even December drilled plots of Hybrid Wheat have produced over 9.5 t/ha on Suffolk sand.

Seed rates can be reduced by 30% compared to conventional varieties. Seed is coated in a special polymer to improve seed treatment coverage, grain flow in the drill and enable seeds to be tracked in the furrow.

**[hybridwheat.co.uk](http://hybridwheat.co.uk)**

# Varieties in the UK

## Hybiza

Very early maturity with excellent disease resistance. Suitable alternative to winter barley, spreading the harvest workload.

## Hylux

A very early maturing hybrid with very high yield. Yielding well as a 2nd wheat this is a medium hard textured feed wheat providing ideal early entry for sowing winter OSR.

## Hyteck

Medium early maturing soft textured wheat variety mostly grown in Scotland and Northern England. Very suitable for early drilling.

## Hyguardo

Medium maturity and very high yield. The first HW to display resistance to OWBM. Excellent all-round disease resistance. Medium soft textured feed wheat quality.

## Hyking

Very high yield and resistance to OWBM.

## Hyclick

New variety currently under test in the UK.



R & P Farming, Exeter EX6 8GZ

Stody Estate, Melton Constable NR24 2ER

Geo Gittus & Son, Bury St Edmunds IP28 6RE

BCW, Market Drayton TF9 3UX

Woodsford Farms, Dorchester DT2 8AU

AJ & M Cowell, Southminster CM0 7JF

Garton Field Ltd, Driffield YO25 3AL

Pimlico Farm, Tusmore, Bicester OX27 7SQ

Wallace of Kelso, Kelso PH14 9SQ

If you would like to visit any of the plots to see how Hybrid Wheat is progressing under local conditions contact us on 01787 238200 or [hybridwheat@cropco.co.uk](mailto:hybridwheat@cropco.co.uk)

# Contacts

*Your local distributor:*

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**Downham Market**

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**BCW (Agriculture)**

**Market Drayton**

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