

# The thinking farmer's wheat!



SEEDING  
THE FUTURE  
SINCE 1856



## KWS CRANIUM



Group 4 Winter Wheat  
KWS Crispin x KWS Kielder

- Exceptionally stiff strawed
- Outstanding late drilled performance
- Excellent combination of yield, yellow rust and OWBM resistance

KWS Cranium is a hard Group 4 wheat that offers farmers the ultimate tool in risk management, thanks to its ability to perform well in all of the major situations that significantly impact yield.

Suited to the mainstream sowing slots, KWS Cranium really excels in late drilling where it tops the yield charts at 105%. Add good performance in the first and second wheat slots and you have a variety that is really flexible for many farming situations.

The variety has a good disease package with good *Septoria tritici* (5.9) which gains in value in later drillings and decent brown rust and mildew

resistance too.

Critically, KWS Cranium adds seedling and adult yellow rust resistance 9 to the hard Group 4 sector. This, in combination with its high yields, OWBM resistance and substantially stiffer straw than even the best varieties on the RL, makes KWS Cranium a 'no-brainer' choice for your farm.

As a later maturing type (+3), KWS Cranium can help spread the workload at harvest. The variety delivers a reliable grain package with good HFN (293) and a specific weight (75.8kg/hl).

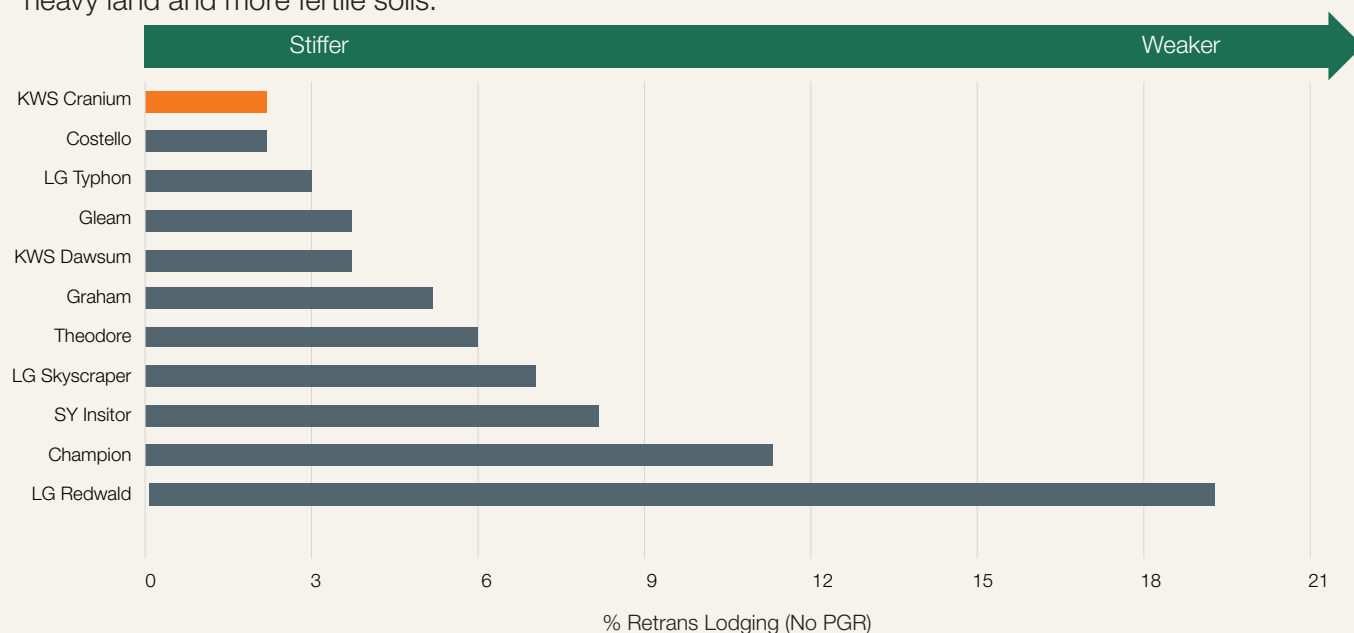


RECOMMENDED



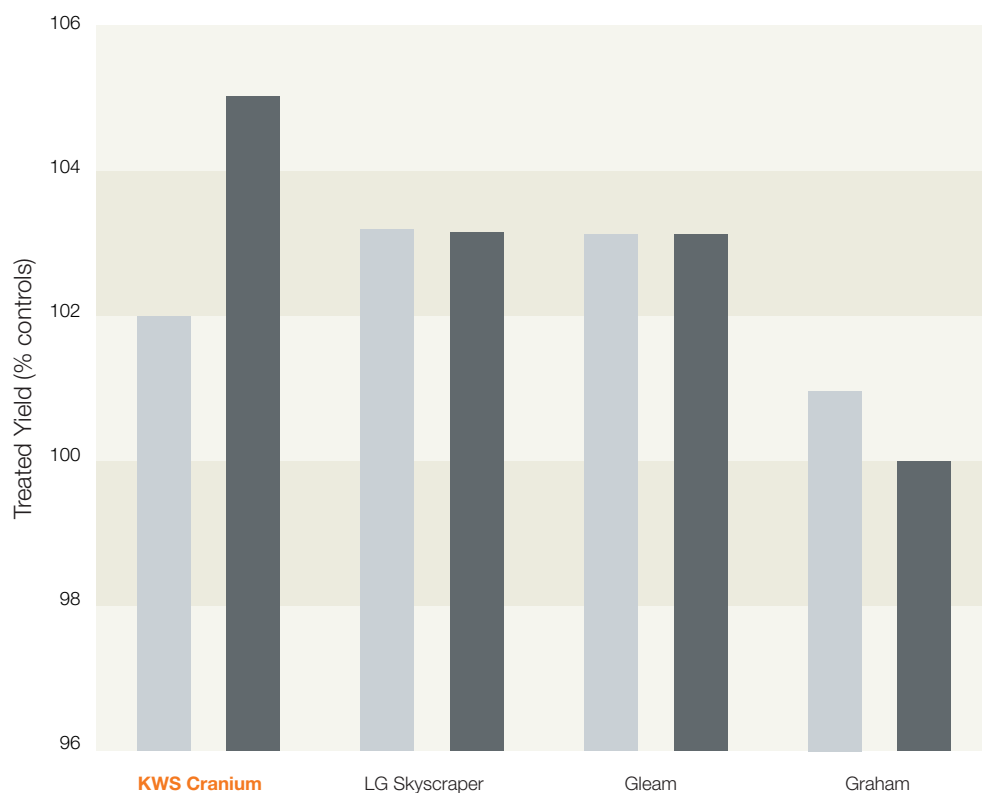
# What makes KWS CRANIUM the wheat variety for you?

KWS Cranium is incredibly stiff strawed, compared to leading feed varieties making it a firm favourite for heavy land and more fertile soils.



## KWS CRANIUM yield performance

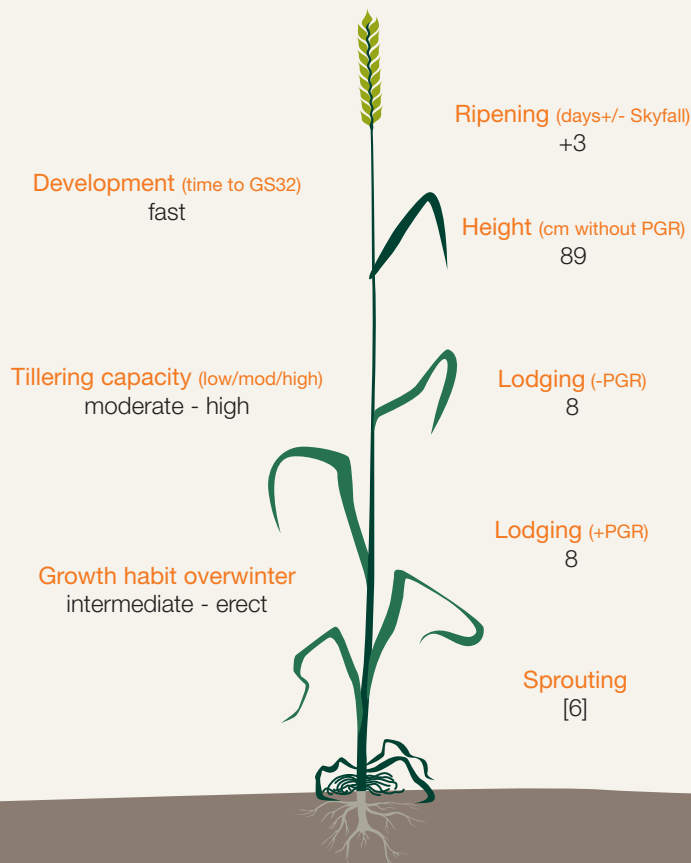
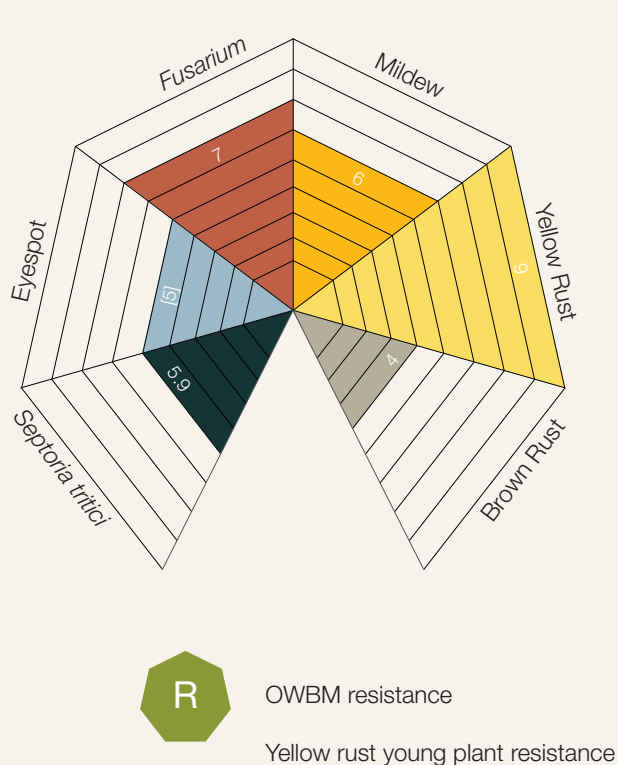
KWS Cranium is a rotationally robust variety doing well across a range of sites and situations; this maximises flexibility at drilling.



Yield	% treated controls
UK	102
East	103
West	101
North	102
Untreated	82
Light	103
Heavy	101
1st cereal	102
2nd cereal	103
Early	[[102]]
Late	105

■ Mainstream Sowing (UK) ■ Late Sown (After Nov 1)

# Disease resistance and agronomy of KWS CRANIUM



## KWS CRANIUM end markets

A classic hard Group 4 barn filler KWS Cranium continues to deliver reliable yields of marketable grain no matter the site or the season.



KWS Cranium	
Grain Quality	
Protein content (%) - All Trials	11.1
Hagberg Falling Number	293
Specific Weight (kg/hl)	75.8

# KWS CRANIUM - Sowing for Peak Performance

**80% of your crop's potential is locked in by the seed you buy and sow.** While you can fine tune this with the correct nitrogen levels, using fungicides wisely to protect it from disease and paying attention to basic management principles, many attributes of your crop can't be changed. Therefore, it pays for you and your agronomist to make proactive choices before ordering a variety.

**To get peak performance from KWS Cranium we recommend drilling in the following time window:**



At KWS, we believe to get the best performance on your farm it is critical that when you choose your variety, you are using a wealth of data to tailor your choice for both your farm and individual field situation.

To learn more about Sowing for Peak Performance, scan the QR code or visit

[bit.ly/3bRqCig](https://bit.ly/3bRqCig)



## Seed Rates

	1st - 3rd week Sep	End Sep - Early Oct	Mid - Late Oct	Late Oct - Early Nov	Early Nov - Early Dec
Conditions					
Good Seed Bed	200 - 250	250 - 325	350 - 400	350 - 400	425 - 500
Bad Seed Bed	250 - 275	350 - 375	400 - 425	400 - 425	500+
Soil Type					
Light	250 - 275	275 - 350	350 - 375	350 - 375	425 - 475
Heavy	250 - 275	300 - 350	400 - 425	400 - 425	500+

## Start sowing from:

Based on your location, we recommend sowing this wheat from a different date. The map to the right is divided into 4 regions, within each one is the recommended start date you could drill KWS Cranium from.

