



KWS EMPHOR

For those who aim high.

KWS Emphor	
Grain Yield	
Fungicide-treated (10.1 t/ha)	104
Disease Resistance	
Brown rust (1-9)	5
Agronomic Features	
Lodging (%)	[27]
Straw length (cm)	133
Ripening (days +/- SU Performer)	[+1]
Grain Quality	
Protein content (%)	7.8
Hagberg Falling Number	228
Specific weight (kg/hl)	76.3

KWS Emphor is a multi purpose variety and can be used in a variety of scenarios from whole crop for Anaerobic Digestion to feed for pigs and poultry.

Characteristics/Quality

- KWS's highest yielding variety
- Dual purpose for grain and wholecrop
- Excellent drought tolerance

In its second year on the Descriptive List for sowing in autumn 2026, KWS Emphor offers an improvement on the market-leading hybrid rye KWS Tayo. KWS Emphor has high yields, strong brown rust resistance and excellent drought tolerance.

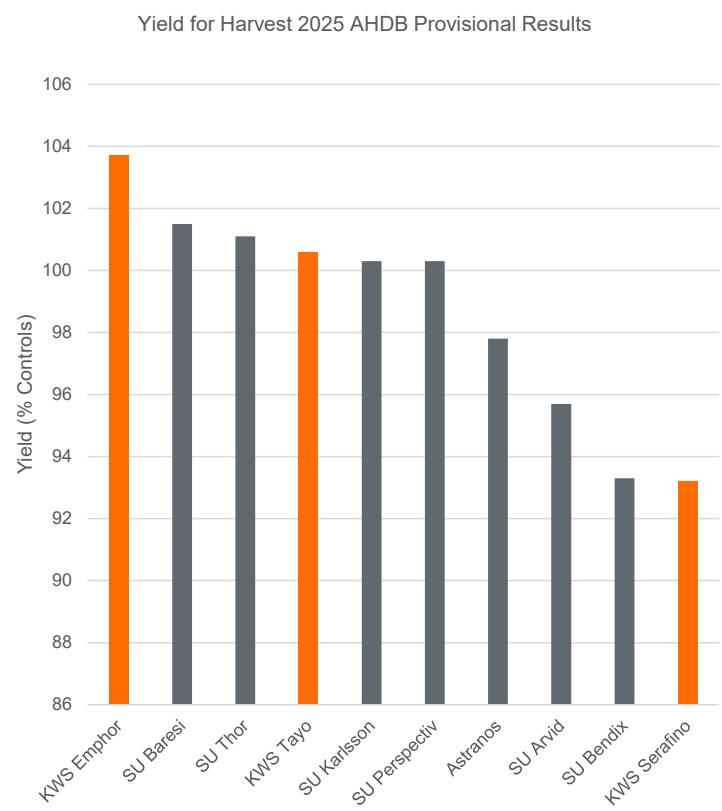
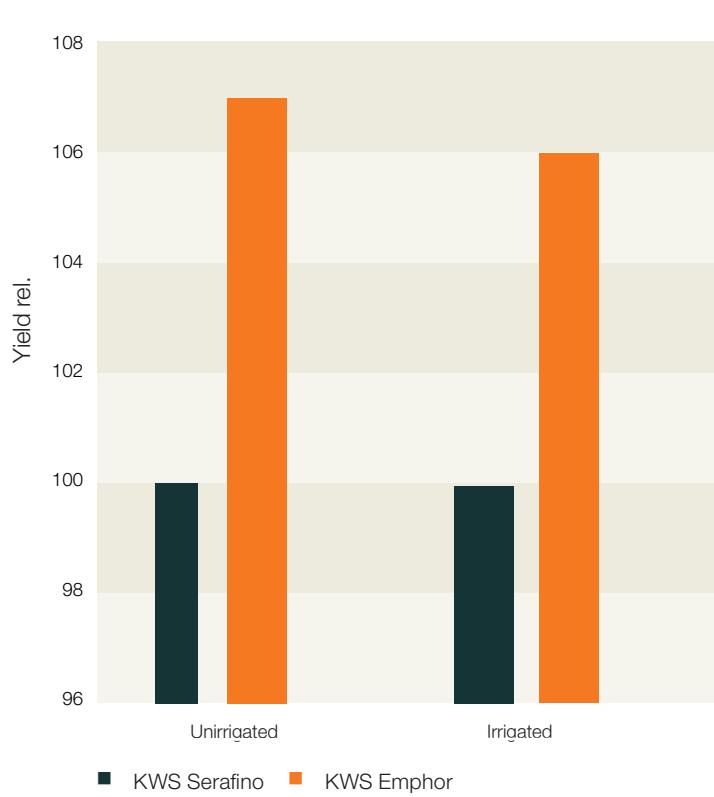


All data taken from **AHDB Winter rye descriptive list 2026/27** unless otherwise stated



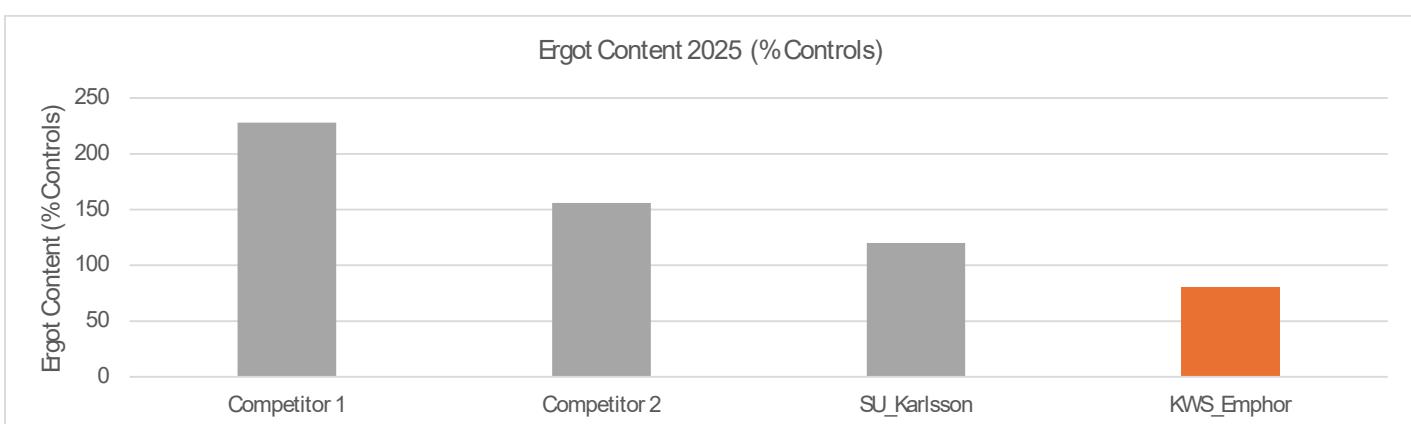
KWS EMPHOR yield performance

KWS Serafino was previously our strongest-performing variety under drought conditions; however, KWS Emphor has now taken that position. This has been demonstrated in trials at our rye breeding station in Germany and further supported by its strong yield performance in the drought-affected Harvest 2025 season.



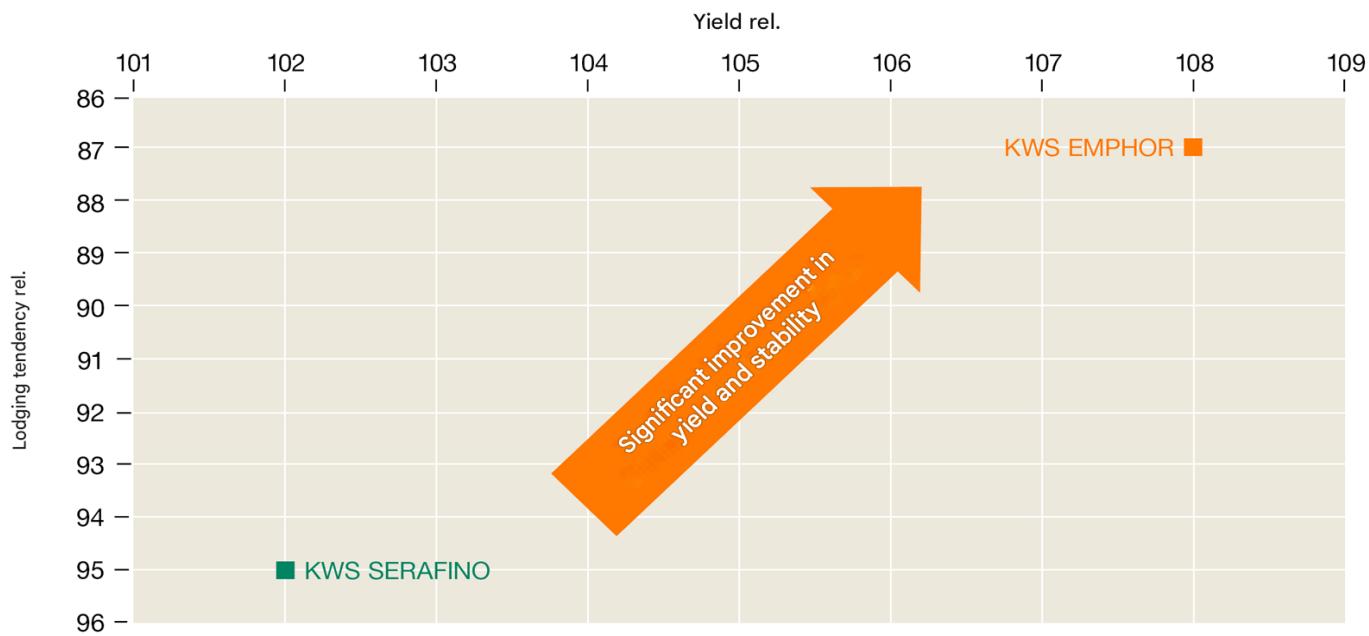
KWS EMPHOR ergot rating

KWS varieties tend to have a lower ergot risk than other varieties. This is due to the PollenPLUS® genetics that our varieties carry, which means they produce more pollen, fertilisation happens faster and the glumes close quicker, helping to reduce the risk of ergot infection. The graph below shows the amount of ergot per sample as a percentage of the controls.



KWS EMPHOR standing ability

Despite having a higher score on the Descriptive List, we remain confident in KWS Emphor's standing ability. As illustrated in the graph below, our data indicate that its standing power ranks stronger than that of KWS Serafino.



Own variety trials as plot trials of the intensive and extensive treatment stage in 2021 and 2022, rel. 100 is the mean of the reference varieties KWS SERAFINO and KWS DANIELLO 83.2 dt/ha, n = 34 (KWS LOCHOW, 2022)

What can hybrid rye offer growers?

KWS Group is the leading breeder of hybrid rye, with a long term hybrid breeding programme established in the mid-1980s. We offer varieties for wholecrop (as silage, or AD/biogas feedstock) or grain production (for feed grain, flour and distilling). KWS believes this highly productive cereal offers new perspectives for farmers and end-users alike. Thanks to its adaptability, hybrid rye has the potential to slot into most farming rotations.

Advantages of hybrid rye include:

- High yield potential
- Good 2nd or 3rd cereal option
- Higher straw yields compared to wheat or barley
- 25% lower water requirement than winter wheat
- Less nitrogen inputs
- Extensive rooting system
- Grassweed competition
- Low-risk from take-all and eyespot
- Multiple markets



Learn more about our portfolio by scanning the QR code