

— FACT SHEET

Nelson Winter Wheat

- German E wheat
- High quality and high protein grain
- Premium earning potential
- Strong disease resistance
- Excellent weed suppressant

German E winter wheats offering high gluten, high quality and strong disease resistance are seeing rising demand in the UK. It's one of the best choices for growers whether it's for milling or feed.

The variety is bred by SZ Schweiger GbR, one of the leading German plant breeders who found it produced grain with outstanding bread-making quality and was classed as "E" quality, the highest quality rating attainable.

Agrii 2018 Untreated Winter Wheat Milling Trials

	Maturity (1-9)	Unt Yield (% Controls)	Unt Specific Weight (kg/hl)	Protein (%)	N Offtake (Kg/ha)	Hagberg (seconds)
NELSON	8	117.8	76.5	14.2	201.6	405
Skyfall	6	115.1	70.4	13.8	217.1	407
KWS Zyatt	6	115.8	74.9	13.7	200.6	415
Crusoe	6	70.3	65	13.7	212.3	414
KWS Siskin	4	114.6	70	13.1	213.5	368
Site: Agrii Cranfield Essex						

Trials data

- Nelson scored 7.1 for septoria, which was the best resistance in these trials. With scores of 9 for mildew, 9 for yellow rust and 7 for brown rust in years where other varieties have faltered under disease pressure and lost some of their resistance, Nelson has clearly shown its robustness
- Nelson is tall and was 10cm taller than Crusoe but scored a nine for standing
- Nelson matured earlier than any other variety in the private milling trial and matured two days earlier in its most Northern trial
- The specific weight of Nelson was the highest across the trial

Benefits of Nelson

- Suited to most soil types
- High untreated yield potential
- It has strong disease resistance for septoria, mildew, yellow rust and brown rust
- Liked by millers, it can achieve higher levels of protein from lower levels of nitrogen
- Nelson can earn a premium over group 1 premiums with its high protein and Hagberg falling number
- Tall and Stiff. Its height links directly with its ability to compete with blackgrass
- Wide drilling window, from the end of September to the end of February
- Provides a high yield of quality straw
- Early to mature

Green leaf retention

	Green Leaf Retention (30/6)
NELSON	55%
Skyfall	33.8%
Crusoe	36.3%

Find out more:

+44 (0) 1529 421081
sales@copeseeds.co.uk
www.copeseeds.co.uk



@CopeSeeds



CopeSeeds



CopeSeeds

Strong market credentials

The UK imports more than 675,000 tonnes annually of strong wheat with high gluten quality for breadmaking (Germany, Canada, USA), yet more UK farmers are turning to E wheats due to agronomic and market benefits.

George Mason from Heygates millers, is clear that the demand for UK grown milling wheats is increasing.

"We are committed to using the maximum amount of homegrown wheat wherever possible however for some of our flour we require wheat with specific characteristics or functionality that we cannot achieve with traditional grains."

"We have identified that Nelson grown to 14% protein brings us quality and functionality that will displace imported wheat. Through baking, we found Nelson showed a white crumb, no evidence of weakness and produced loaves of good volume. By offering a buy-back contract that incentivises growers, the combination of an additional quality premium and the benefits of the variety on-farm, we are finding the variety very popular."



What the Trials Manager thinks...

Colin Patrick - Seeds Trials Manager – Agrii

"Agrii trials have confirmed the variety's consistently high yielding ability, excellent Group 1 quality and outstanding disease resistance.

"This is reflected in the high green leaf retention and impressive untreated yields we've seen in our work," commented Agrii seed trials manager, Colin Patrick. "In addition to a high HFN and protein content, Nelson has delivered a specific weight well ahead of any other Group 1 in our trials and very low screening losses."

"We've found it performs consistently well as both a first and second wheat on medium and heavy soils. Its rapid speed of development and wide sowing window makes it ideally suited to later drilling to combat black-grass too; an agronomic value enhanced by the strong grass weed competitiveness shown in our Stow Longa screening.

"Nelson's relatively early maturity is a character that will also be appreciated by many," he explained. "Overall, it stands out as a high security as well as high value wheat choice with much to offer in difficult black-grass situations, in particular"

What the grower thinks...

Oxfordshire arable farmer, James Thomson, has included Nelson in his rotation over the last four years.

"The farm is 210 hectares and last year we harvested 40 hectares of Nelson, this year due to the rotation that's increased to 70 hectares.

"Last year I was amazed with the harvest, we had no rain for the best part of two months and Nelson was the best grain I produced in 2018."

James started growing Nelson because of its outstanding fusarium resistance, and he's found it to be as clean as it claims. "Our fungicide bill was £33/ha from 2016 - 2018 for Nelson. We used to grow maize and it had high carry-over for fusarium - Nelson has been excellent in this respect."

"It has good disease resistance and it's cheap to grow in terms of inputs, and ultimately it's always reached market specification.

"Last year it had 14% protein content and hopefully it will go to the same miller again this year if it reaches specification.

"The quality is high, with Hagberg averaging at 344, the highest recorded was 399," says James.

"Nelson is a proper grade one milling wheat and I don't know why more people don't grow the variety," he adds.

Find out more:

+44 (0) 1529 421081

sales@copeseeds.co.uk

www.copeseeds.co.uk



@CopeSeeds



CopeSeeds



CopeSeeds