

# The all-rounder for spring wheat production on-farm



## KWS LIGHTUM



Group 2 Spring Wheat  
(KWS Mullins x KT Proteo) x KWS Willow

- High yielding Group 2 spring wheat
- Excellent grain quality including high proteins (13.6%)
- OWBM resistance

A high performing spring wheat, KWS Lightum brings a different plant type to the spring wheat sector this season, thanks to its parentage which includes some Argentinean wheat genetics.

Rated a Group 2 milling wheat by the UK Flour millers, the variety has good grain characteristics including high protein (13.6%) with a good HFN and specific weight, coupled with good baking performance over its past season of evaluations.

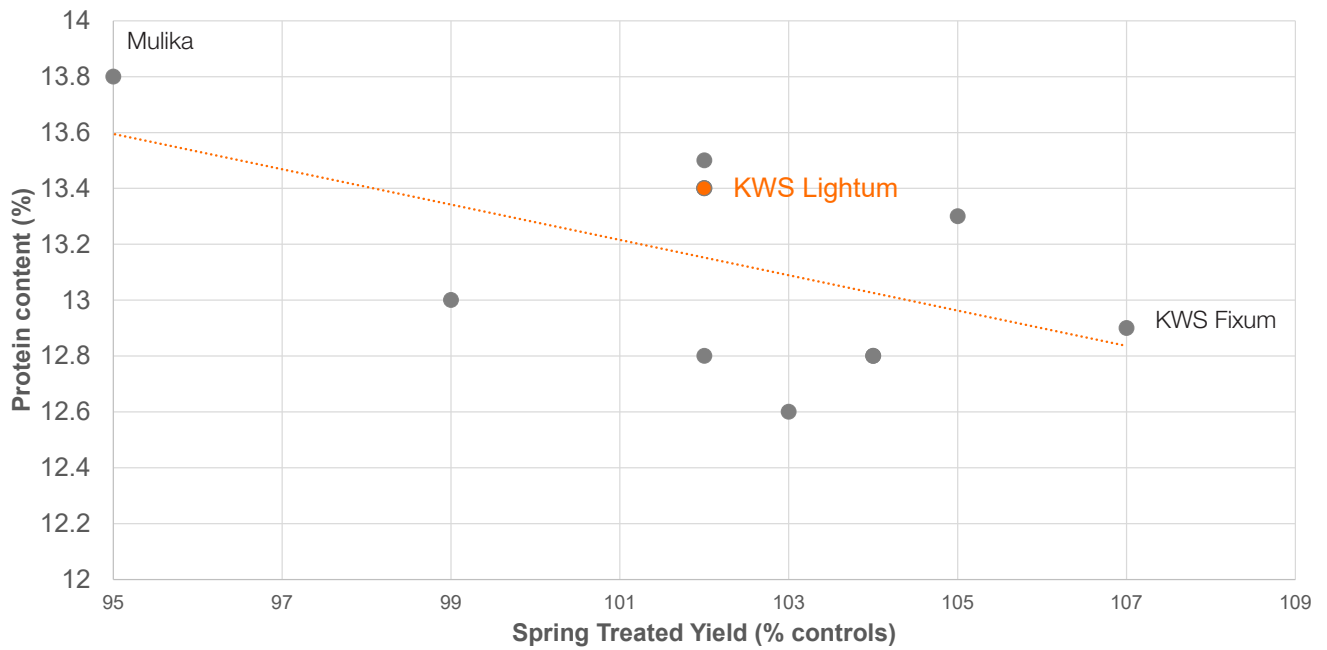
On-farm, Lightum has a good disease package including [8] for mildew, good combination of resistance to the rusts and good solid *Septoria* resistance (7). In addition, like many of the new KWS spring wheat lines for 2023, OWBM resistance comes as standard. It is a medium-short strawed variety with stiff straw.

So if you are looking for something different this spring – take a closer look at the benefits KWS Lightum can bring to your bread making part of the rotation this season.

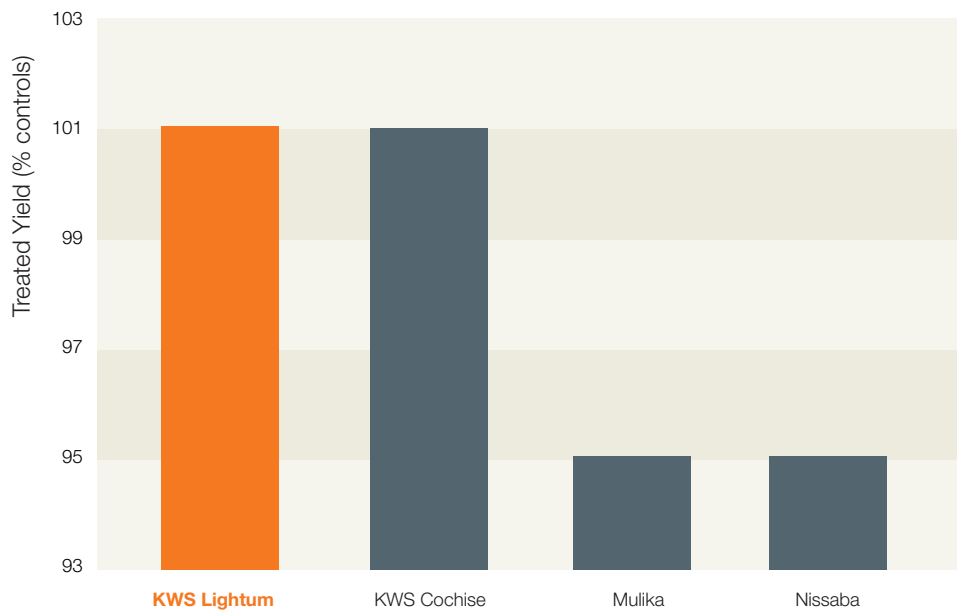


# What makes KWS LIGHTTUM the wheat variety for you?

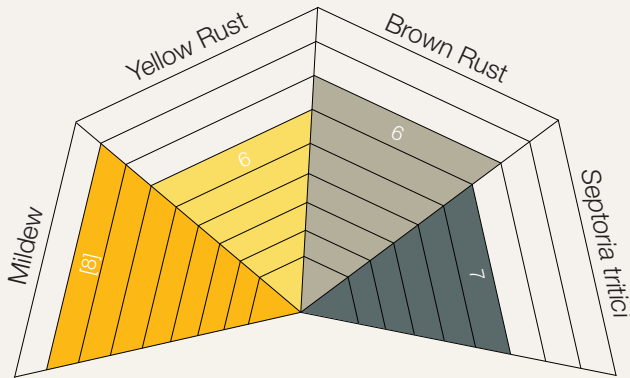
KWS Lighttum brings a reliable protein source with good yields to the spring wheat baking sector.



## KWS LIGHTTUM yield performance



# Disease resistance and agronomy of KWS LIGHTUM



OWBM resistance

Height without PGR (cm)  
78.0

Ripening days (+/- Mulika)  
0

Lodging (%)  
[0]



## KWS LIGHTUM end markets

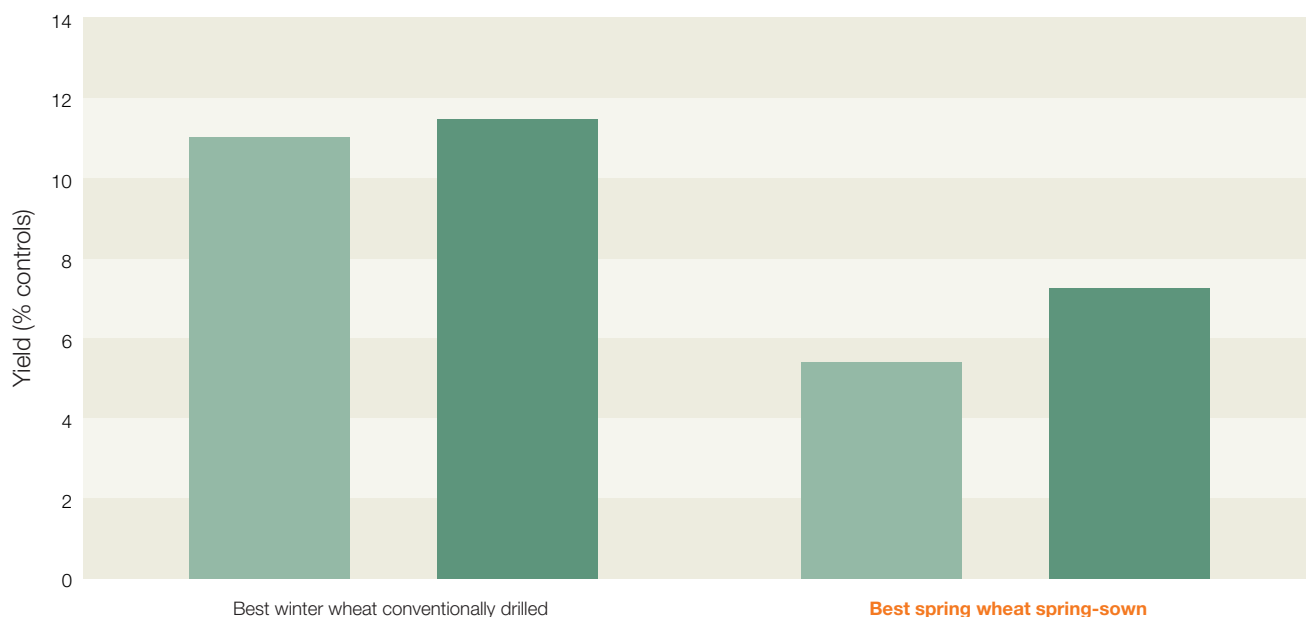
After extensive trialling over the past 3 contrasting seasons, the UK Flour Millers have rated KWS Lightum a Group 2 milling and breadmaking spring wheat. During their evaluations, the millers noted KWS Lightum's analytical properties being similar to the Mulika control.

KWS Lightum	
<b>Grain Quality</b>	
Protein content (%) - Milling spec	13.6
Hagberg Falling Number	325
Specific Weight (kg/hl)	78.3

# The spring wheat market

Today, on the back of significant plant breeding progression, spring wheat is coming back on the agenda for many UK growers thanks to its rotational benefits. New varieties are robust, flexible and profitable, with yields and physical grain qualities matching many of its late sown winter wheat rivals.

Relative yield increases in winter and spring wheat over the last 20+ years



■ 1994 ■ 2022

## What can KWS offer growers?

KWS UK is one of the few plant breeding companies with a dedicated spring wheat breeding programme to deliver products specifically for the UK farmer. So, if you are looking to spring wheat to serve a quality market, help your rotations, get soils back to better structures, rescue weed burdens or simplify your crop management, then take a closer look at what the KWS spring wheat portfolio can offer.



**Learn more about our portfolio by scanning the QR code**

Today's varieties provide:

- Faster establishment
- Leafier plants with fewer tillers
- High vigour
- Better drought resistance
- Improved disease packages
- Lower lodging risks
- Strong grain fill
- Improved yields
- A range of types to suit different end markets

