

LG ASTRONOMER



- + Excellent physical grain quality, rated 'medium' for distilling
- + Good resistance against rusts

Starting to look outclassed in terms of yield (93% treated, 85% untreated) but it retains good grain quality (HFN 232, 78.1 kg/hl) that suits the domestic biscuit but is not accepted for UK export. Its northern performance, later maturity and mildew susceptibility have limited interest in distilling markets.

Its best performance is in the East and West regions, in both official and Agrii trials, and its performance drops off a little further north. Acceptable performance as a second wheat and across soil types including lighter soils. Unsuitable for early drilling but it has performed well in late drilled trials up until the end of January. Medium-long straw but good strength treated (8.6) (7) and is very competitive against grassweeds. Later maturity (+2) (+1) and reasonable resistance to sprouting (7).

Disease ratings are good for yellow rust (8.3) (7.7), brown rust very good (7.4) (6.7) but weaker for *Septoria tritici* (5.9) (4.2) and mildew resistance is poor (3.8). Average resistance to eyespot (4.7) and moderately resistant to fusarium ear blight (6.4). Resistant to orange wheat blossom midge.

Breeder

Limagrain UK

Parentage:

(Cougar x Leeds) x Britania

Status:

Biscuit, distilling and soft feed

AHDB regional recommendation:

UK

Agrii yield & grain quality - Agrii 2 yr mean

UK fungicide treated yield (% controls)	92.7
Untreated yield (% controls)	85
Specific weight (kg/hl)	77.2

AHDB yield & grain quality - AHDB RL [] = limited data

UK fungicide treated yield (% controls)	97.9
East fungicide treated yield (% controls)	98
West fungicide treated yield (% controls)	98
North fungicide treated yield (% controls)	97
Untreated yield (% treated controls)	85
Specific weight (kg/hl)	78.1

Disease ratings (black = AHDB RL data) Red = Agrii data

Mildew resistance (1-9)	3.8	-
Yellow rust plant susceptibility before G532-33	Resistant	
Yellow rust resistance (1-9)	8.3	7.7
Brown rust resistance (1-9)	7.4	6.7
<i>Septoria tritici</i> resistance (1-9) 3 year rating	5.9	4.2
Stem Base Disease Complex (Agrii 2023)	MS	-
Eyespot resistance (1-9)	4.7	-
Carries PCH1 Rendezvous gene for Eyespot resistance	No	
Fusarium ear blight resistance (1-9)	6.4	MR

Agronomic characters

Black = AHDB RL data, red = Agrii data [] = limited data

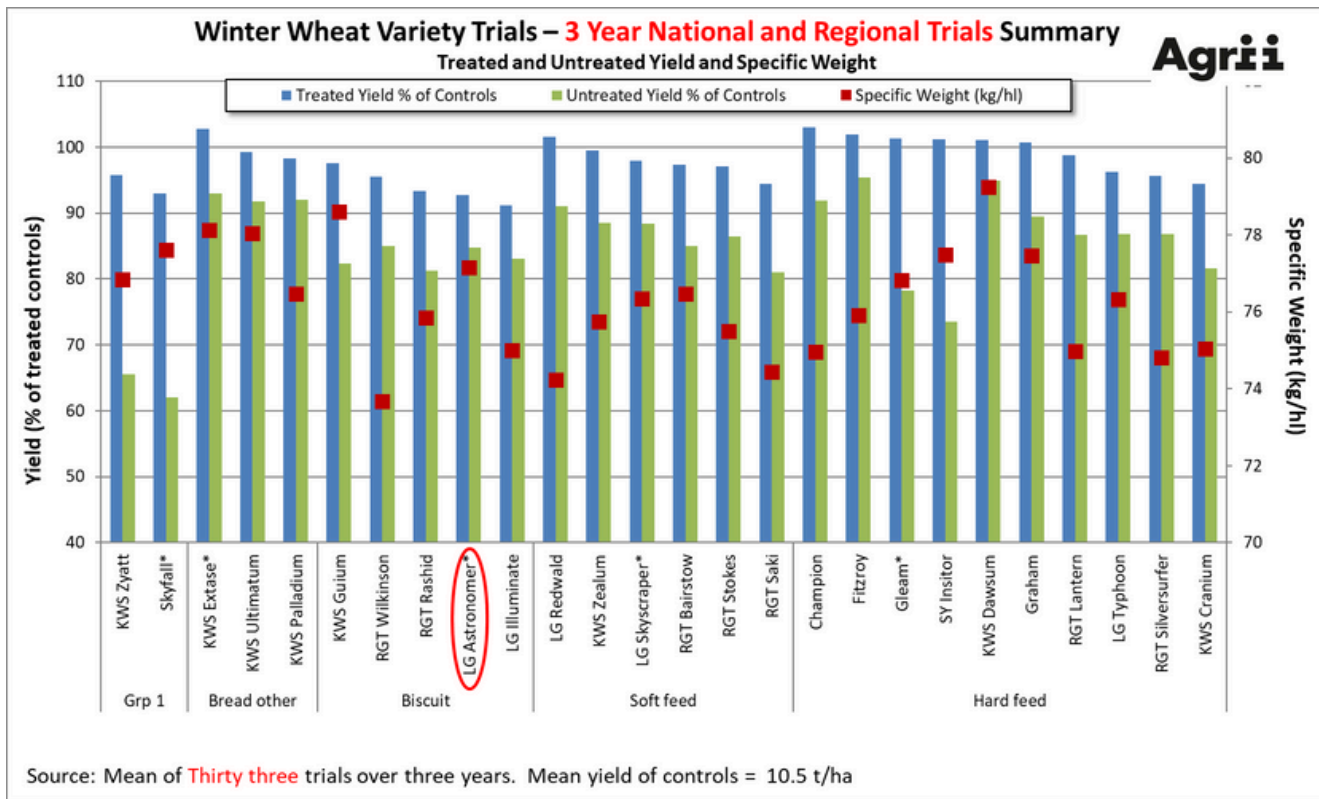
Lodging resistance - PGR untreated (1-9)	7.4	7
Lodging resistance - PGR treated(1-9)	8.6	7
Height - PGR untreated (cm)	89.7	-
Maturity (days +/- Skyfall)	+2	+1
Agrii grassweed competitiveness rating	****	
OWBM resistance (breeder claim)	Yes	
BYDV tolerance (breeder claim)	No	

Agrii intelligence - complementary information

[] = limited data

Yield consistency	High
Yield 'resilience' under disease pressure	High
Agrii yellow rust diversification group	K2
2nd v 1st wheat relative performance	Acceptable
Soil type suitability	[Heavy & light]
Suitability to drill early (before 15th Sept)	No
Latest optimum drilling date	End Dec
AHDB latest safe sowing dates (breeder: see notes)	End Jan
Suitable for regions of high sterility risk	Yes
Suitability for distilling	Medium
British Cereal Exports (BCE) Rating	-
SRUC Scottish RL Status 2024/25	Not Recommended
Variety Sustainability Rating (Max 42)	very High

Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.
Full RL dataset is available from AHDB at www.ahdb.org.uk



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