

RGT Bairstow



- + Rated 'good' for distilling
- + Reasonably good disease profile

RGT Bairstow came into the market a couple of years ago as a Skyscraper-type with similar yields (98% treated, 85% untreated) but slightly better standing and disease resistance. Grain quality is very average with HFN 228s and specific weight 76.6 kg/hl, but it is rated 'good' for distilling so it is of interest in Scotland where it has performed consistently well (102%).

Suitable for all soil types, including lighter land, and it performs well as a second wheat. With an average speed of development it is not suited to very early drilling but will perform well through to the end of January. Very competitive against grassweeds in Stow Longa trials. Moderately tall with reasonable straw strength treated (6.4) (7) but (5.6) (5) untreated, so it requires a robust PGR programme. It is relatively late to mature (+2) (+3).

RGT Bairstow's disease scores are decent enough with mildew (6), yellow rust (7.5) (6.4) and Septoria tritici (5.9) (5.2) but weak against brown rust in Agrii trials (6.0) (4.0). Moderately susceptible to fusarium ear blight, weak against eyespot (3.8) but resistant to orange wheat blossom midge.

Breeder

RAGT UK

Parentage:

(Revelation x KWS Santiago) x Cougar

Status:

Distilling and soft feed wheat

AHDB Regional Recommendation:
UK

Agrii yield & grain quality - 2 year mean

Agrii fungicide treated yield (% controls)	97.3
Agrii untreated yield (% treated controls)	85
Agrii specific weight (kg/hl)	76.5

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

UK fungicide treated yield (% controls)	102.2
East fungicide treated yield (% controls)	102
West fungicide treated yield (% controls)	103
North fungicide treated yield (% controls)	102
Untreated yield (% treated controls)	84
Specific weight (kg/hl)	75.9
Yield consistency	High
Yield 'resilience' under disease pressure	Medium

Disease ratings (black: AHDB RL data, red: Agrii data 21)

Mildew resistance (1-9)	5.6	-
AHDB yellow rust plant susceptibility before GS32-33)	Resistant	
Yellow rust resistance (1-9)	7.5	6.4
Brown rust resistance (1-9)	6.0	4.0
Septoria tritici resistance (1-9) - 3 yr rating	5.9	5.2
Septoria tritici resistance (1-9) - 1 yr rating	6.0	-
Eyespot resistance (1-9) (1 trial only)	3.	-
Carries PCH1 Rendezvous gene for Eyespot resistance	No	
Fusarium ear blight resistance (1-9)	6.1	[MS]

Agronomic characters

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

Lodging - PGR untreated (1-9)	5.6	5
Lodging - PGR treated (1-9)	6.4	7
Maturity (days +/- Skyfall)	+2	[+3]
Height - PGR untreated (cm)	92	-
Agrii grassweed competitiveness rating	[****]	
OWBM resistance (breeder claim)	Yes	
BYDV tolerance (breeder claim)	No	

Agrii intelligence - complementary information

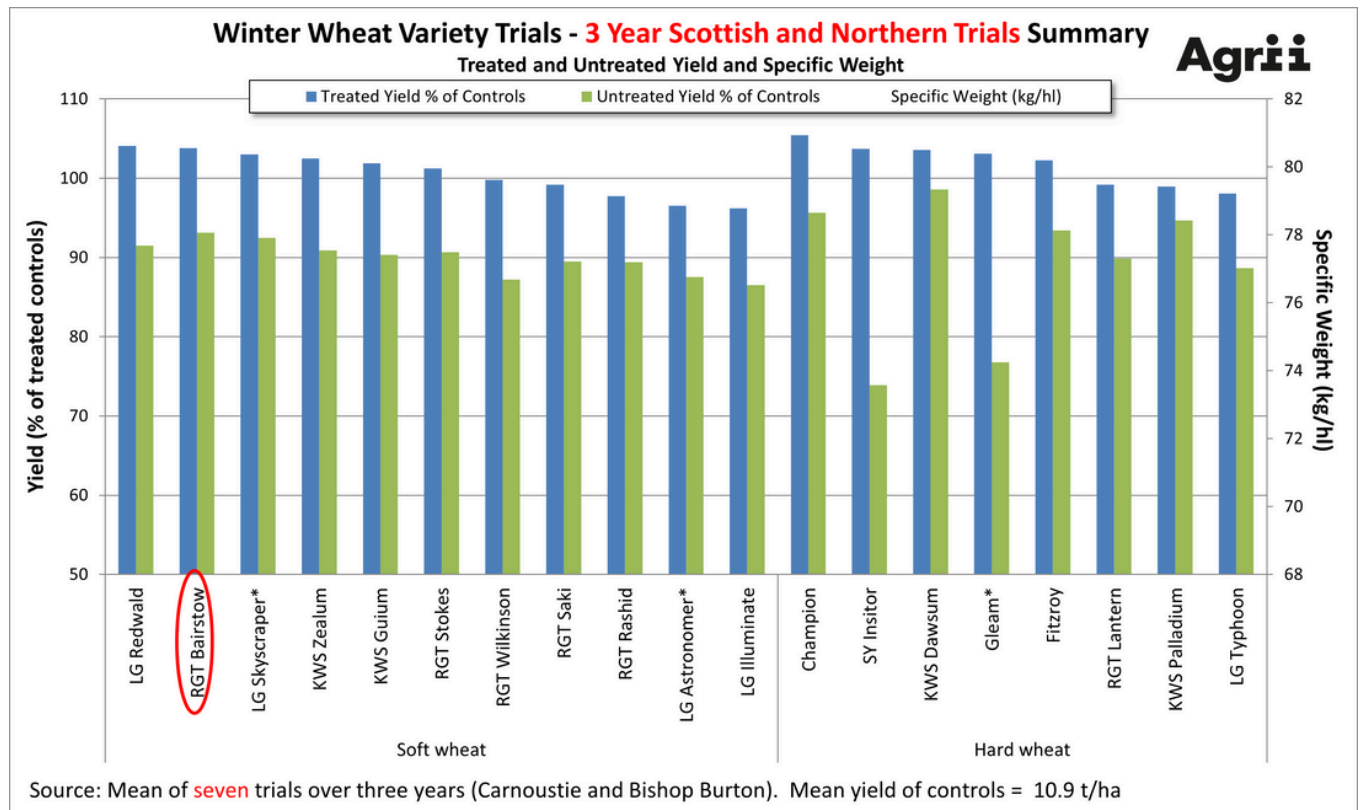
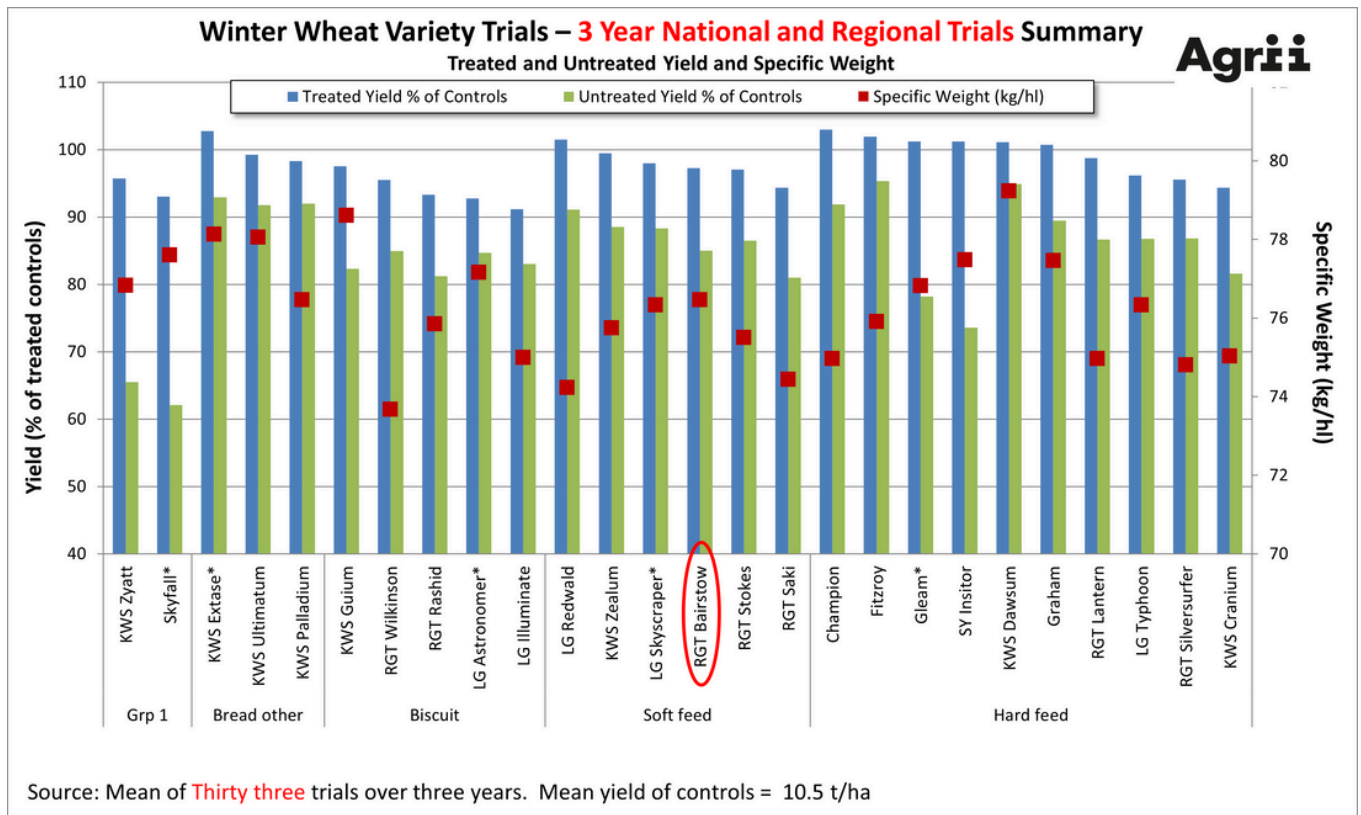
Agrii Yellow Rust Diversification Group	F2 & K2
2nd v 1st wheat RELATIVE performance	Acceptable
Suitable for regions of high sterility risk	TNC
Soil type yield performance	[Heavy & light
Suitability to drill early (before 15th Sept)	No
Latest OPTIMUM drill date	End Oct
AHDB latest SAFE sowing date	[End Feb.
SRUC Scottish RL Status 2024/25	Recommended
British Cereal Exports (BCE) Rating	-
Suitability for distilling	Good
Variety Sustainability Rating (Max 42)	Medium

Key:

MS = Moderately Susceptible
TNC = Testing Not Complete

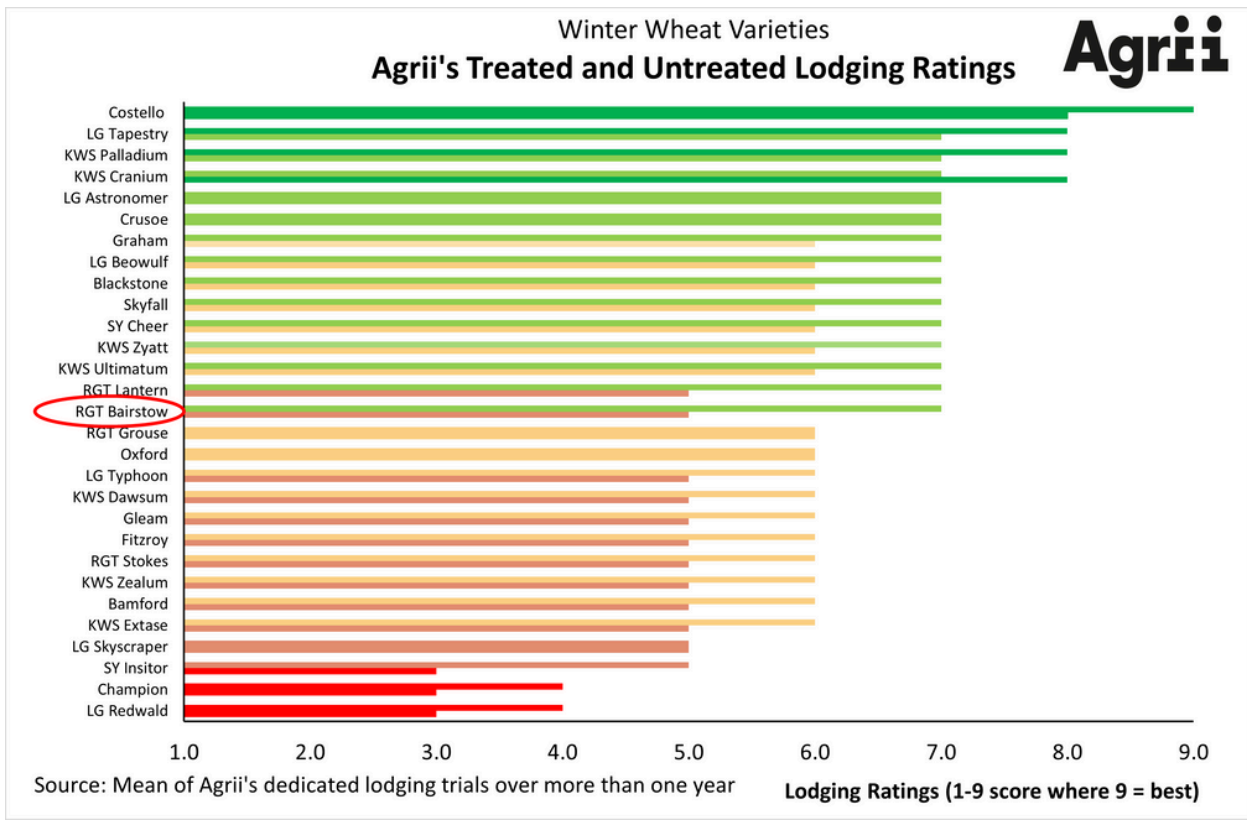
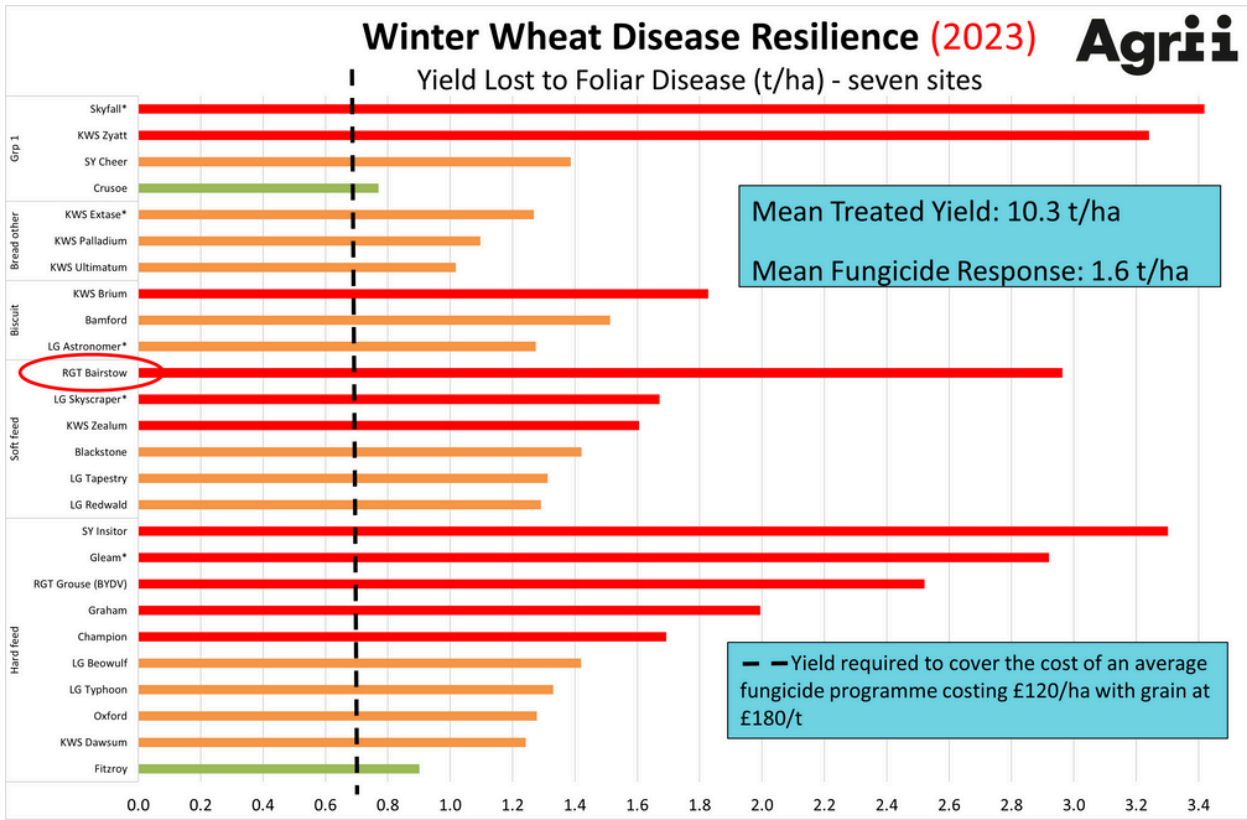
Note: Specific weights are assessed in the field and are consistently below those of cleaned samples. Full RL dataset is available from AHDB at www.ahdb.org.uk

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