

RGT GOLDFINCH



- +A BYDV resistant wheat with potential Group 2 quality
- + 'Insecticide-free' option for the Sustainable Farming Initiative

A new BYDV resistant wheat on the Recommended List with provisional group 2 milling quality. Likely to have appeal with farmers interested in growing 'Insecticide-free' wheat as an option under the sustainable farming Initiative (SFI). While it has relatively low yields (89% treated, 84% untreated) in official trials, it has good grain quality with high protein (13.1%, HFN (279s) and specific weight (78.2 kg/hl). It is not suitable for export under ukp.

It is best drilled from mid-September through to the end of October. It performs across soil types and performs particularly well on lighter soils. It is susceptible to stem base diseases so it should be grown as a first wheat. Moderate height (88 cm) but relatively weak (7) (4) treated, (3) (3) so a robust pgr programme is essential. Relatively late maturity (+3).

Good all round disease ratings against mildew (7) (7), yellow rust (9) (9), brown rust (9) (9) and Septoria tritici (7) (7). Weak against eyespot (4.6) but reasonable ear blight resistance (6). Resistant to orange wheat blossom midge.

Breeder:

RAGT, UK

Parentage:

(Arezzo x Rumisko Sib)
X RGT Illustrious

Status:

Group 1, milling
(Provisional)

**AHDB regional
recommendation:**
UK

Agrii yield & grain quality - Agrii 2024 mean (8 trials)

| | |
|---|--------|
| UK fungicide treated yield (% controls) | [92] |
| Untreated yield (% controls) | [70] |
| Specific weight (kg/hl) | [74.9] |

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

| | |
|---|--------|
| UK fungicide treated yield (% controls) | 89 |
| East fungicide treated yield (% controls) | 87 |
| West fungicide treated yield (% controls) | 90 |
| North fungicide treated yield (% controls) | [91] |
| Untreated yield (% treated controls) | 84 |
| Specific weight (kg/hl) | 78.2 |
| Protein content (%) - milling specification | [13.1] |
| Hagberg Falling Number | 279 |

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

| | | |
|---|-------------|-------|
| Mildew resistance (1-9) | 7.4 | [7.2] |
| Yellow rust plant susceptibility before GS32-33 | Susceptible | |
| Yellow rust resistance (1-9) | 8.6 | 9.0 |
| Brown rust resistance (1-9) | 8.7 | 9.0 |
| Septoria tritici resistance (1-9) 3 year rating | 6.9 | 6.6 |
| Stem Based Disease Complex (Agrii 2023) | [[S]] | |
| Eyespot resistance (1-9) | 6.1 | - |
| Carries PCH1 Rendezvous gene for Eyespot resistance | No | |
| Fusarium ear blight resistance (1-9) | 6.1 | - |

Agronomic characters

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

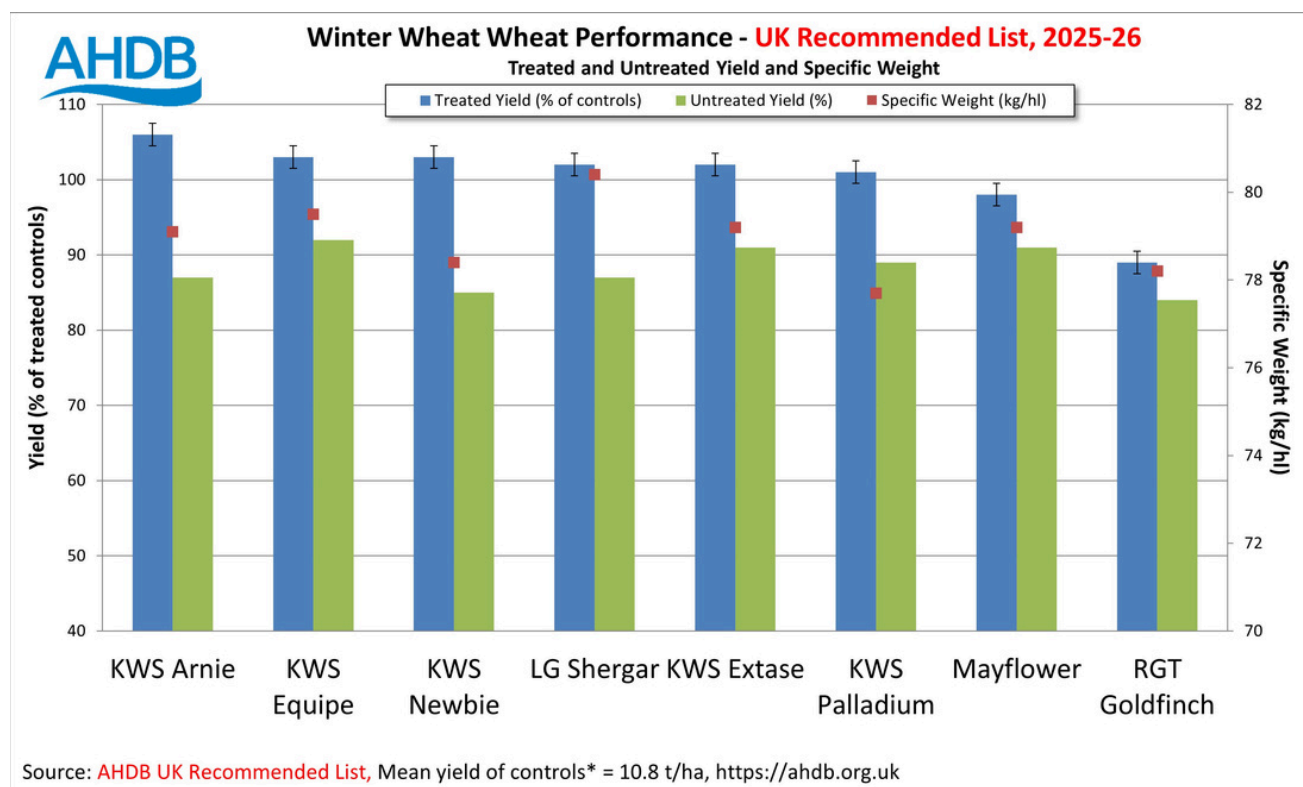
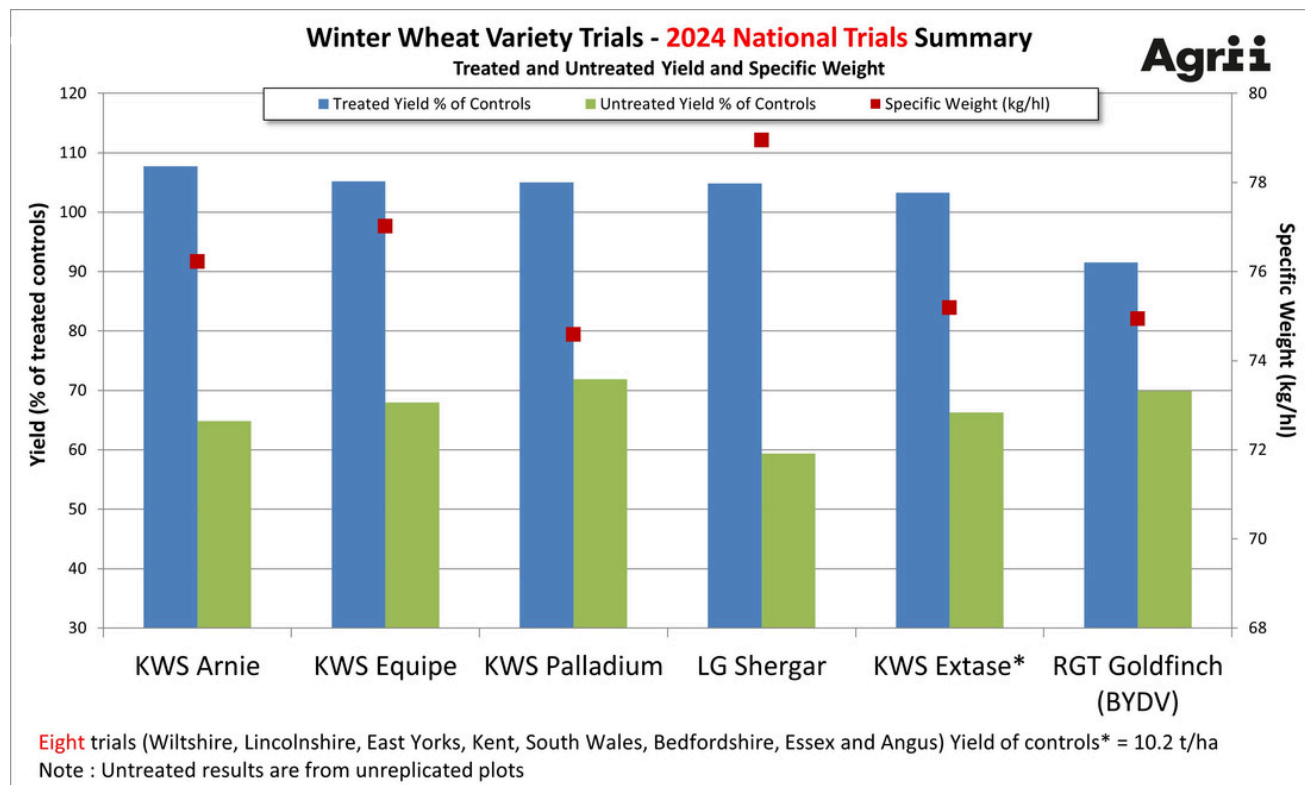
| | | |
|--|-----|------|
| Lodging resistance - PGR untreated (1-9) | 2.5 | [3] |
| Lodging resistance - PGR treated(1-9) | 7.0 | [4] |
| Height - PGR untreated (cm) | 88 | - |
| Maturity (days +/- Skyfall) | +3 | [+3] |
| Agrii grassweed competitiveness rating | TNC | |
| OWBM resistance (breeder claim) | Yes | |
| BYDV tolerance (breeder claim) | Yes | |

Agrii intelligence - complementary information [] = limited data

| | |
|--|-----------------|
| Yield consistency | High |
| Yield 'resilience' under disease pressure | Very High |
| Agrii yellow rust diversification group | O1 |
| 2nd v 1st wheat relative performance | Poor |
| Soil type suitability | [Heavy+V light] |
| Suitability to drill early (before 15th Sept) | No |
| Latest optimum drilling date | [End Oct] |
| AHDB latest safe sowing dates (breeder: see notes) | [[End Jan]] |
| Suitable for regions of high sterility risk | TNC |
| British Cereal Exports (BCE) rating | - |
| SRUC Scottish RL Status 2024/25 | Not recommended |
| Variety Sustainability Rating (Max 42) | [High] |

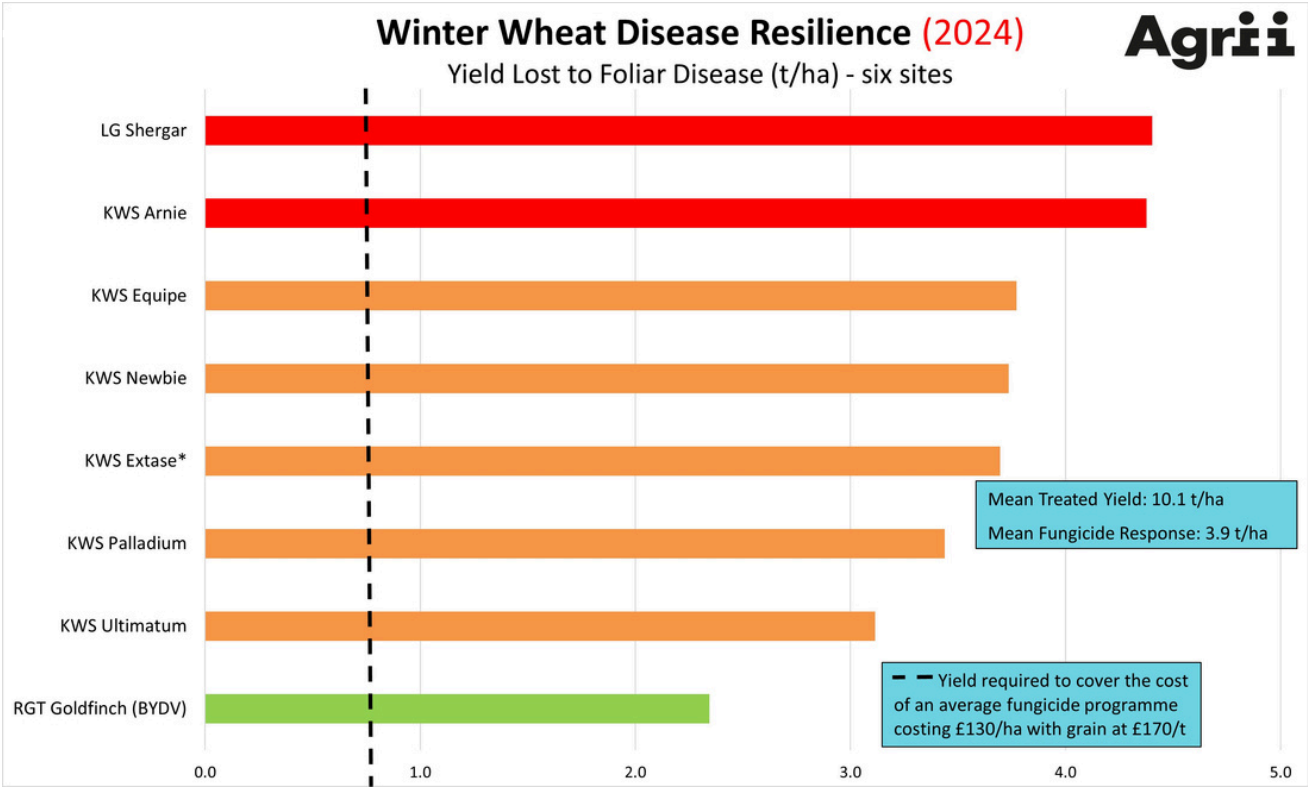
Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.
Full RL dataset is available from AHDB at www.ahdb.org.uk

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