

GRAHAM



- + Very high yields and good physical grain quality
- + Wide drilling window and good resistance against Septoria

Graham has performed consistently well in Agrii trials over the past nine years (101 treated, 89% untreated), and, while it is not the highest yielding variety, much of its success can be attributed to its good Septoria resistance and bold grain (77.7 kg/hl, AHDB).

More suited for East and West regions with yield tailing off in the North and best not grown in Scotland or other areas of high sterility risk. It can be grown on heavy and lighter soil types, but it should always be grown as a first wheat as its second wheat performance is relatively poor. Graham can multi-task across the drilling window.

It has a relatively slow speed of development in the autumn and is ideal for early drilling, yet it moves relatively quickly in the spring. It has a very prostrate autumn growth habit with medium to high tillering capacity so seed rates can be reduced. Agrii late-drill trials show that it continues to yield well through to the end of January. Average competitiveness against grass weeds. Has average straw length and decently stiff straw, treated (7.6) (7) and untreated (6.9) (6) Early to mature (-1).

Disease ratings are generally good for mildew (6.3) and Septoria tritici (6.6) (6.3), but yellow rust has started to decline (7.0) (5.4) and brown rust (4.9) (3.5) and eyespot (4.4) resistances are poor. Not resistant to orange blossom midge.

Agrii 3 year mean (min 23 trials)

| | |
|---|-------|
| UK fungicide treated yield (% controls) | 100.7 |
| Untreated yield (% controls) | 89 |
| Specific weight (kg/hl) | 77.5 |

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

| | |
|--|------|
| UK fungicide treated yield (% controls) | 102 |
| East fungicide treated yield (% controls) | 101 |
| West fungicide treated yield (% controls) | 104 |
| North fungicide treated yield (% controls) | 102 |
| Untreated yield (% treated controls) | 89 |
| Specific weight (kg/hl) | 77.7 |

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

| | | |
|---|-------------|-----|
| Mildew resistance (1-9) | 6.3 | - |
| Yellow rust plant susceptibility before GS32-33 | Susceptible | |
| Yellow rust resistance (1-9) | 7.0 | 5.4 |
| Brown rust resistance (1-9) | 4.9 | 3.5 |
| Septoria tritici resistance (1-9) 3 year rating | 6.6 | 6.3 |
| Septoria tritici resistance (1-9) 1 year rating | 6.4 | - |
| Eyespot resistance (1-9) | 6 | - |
| 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) | 6.9 | 6 |
| Lodging resistance - PGR treated(1-9) | 7.6 | 7 |
| Height - PGR untreated (cm) | 91 | - |
| Maturity (days +/- Skyfall) | -1 | -1 |
| Agrii grassweed competitiveness rating | *** | |
| OWBM resistance (breeder claim) | No | |
| BYDV tolerance (breeder claim) | No | |

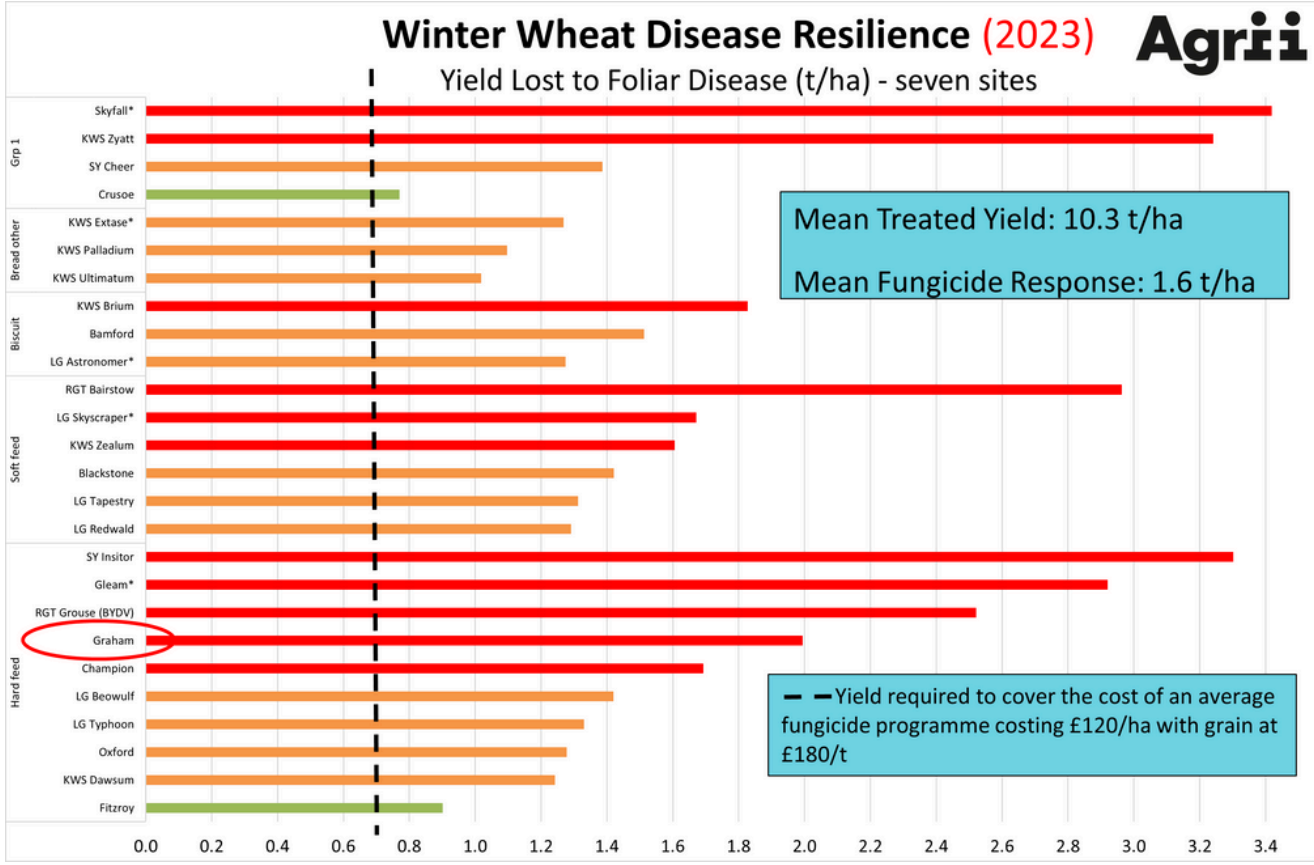
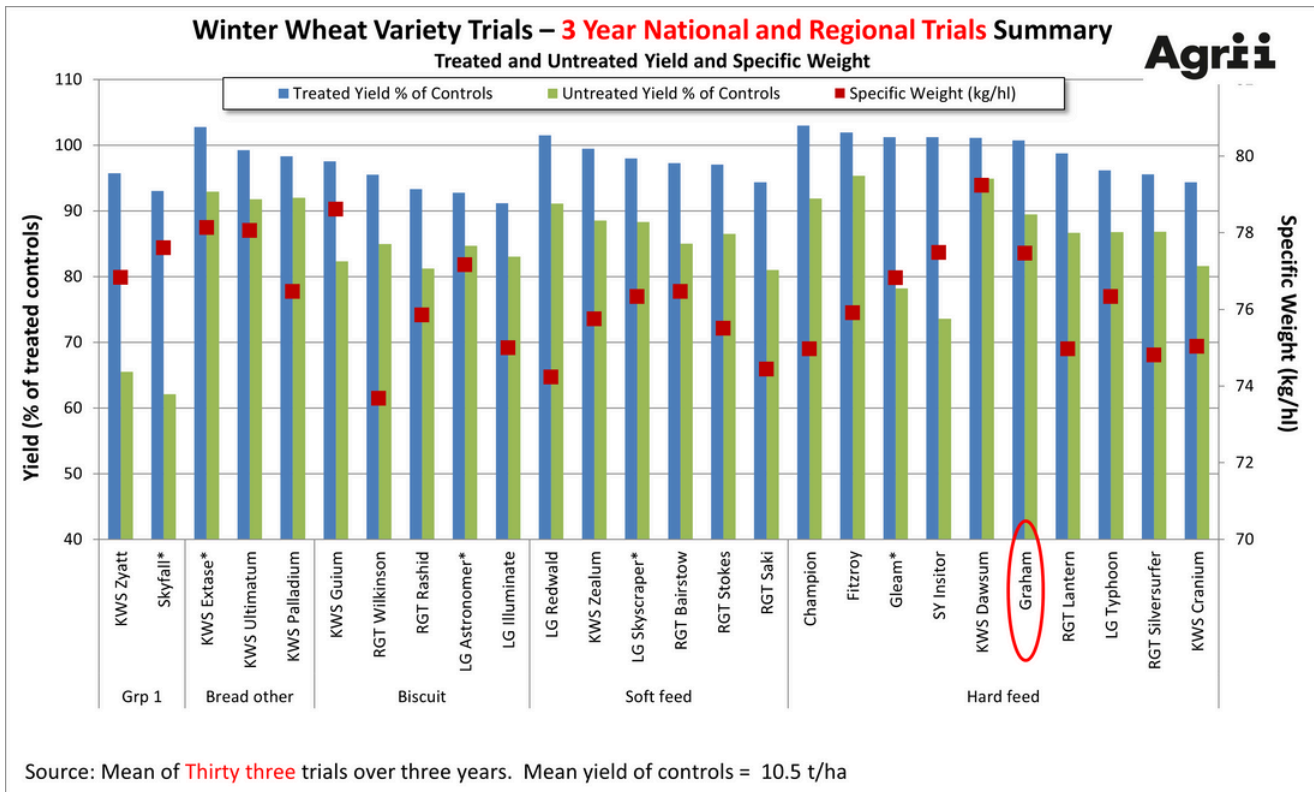
Agrii intelligence - complementary information

[] = limited data

| | |
|---|-----------------|
| Yield consistency | High |
| Yield 'resilience' under disease pressure | High |
| Agrii yellow rust diversification group | O3 |
| 2nd v 1st wheat relative performance | Poor |
| Soil type suitability | Heavy & light |
| Suitability to drill early (before 15th Sept) | Yes |
| Latest optimum drilling date | End Jan |
| AHDB latest safe sowing dates (breeder: see notes) | End Jan |
| Suitable for regions of high sterility risk | No |
| SRUC Scottish RL Status 2024/25 | Not recommended |
| Variety Sustainability Rating (Max 42) | Medium |

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

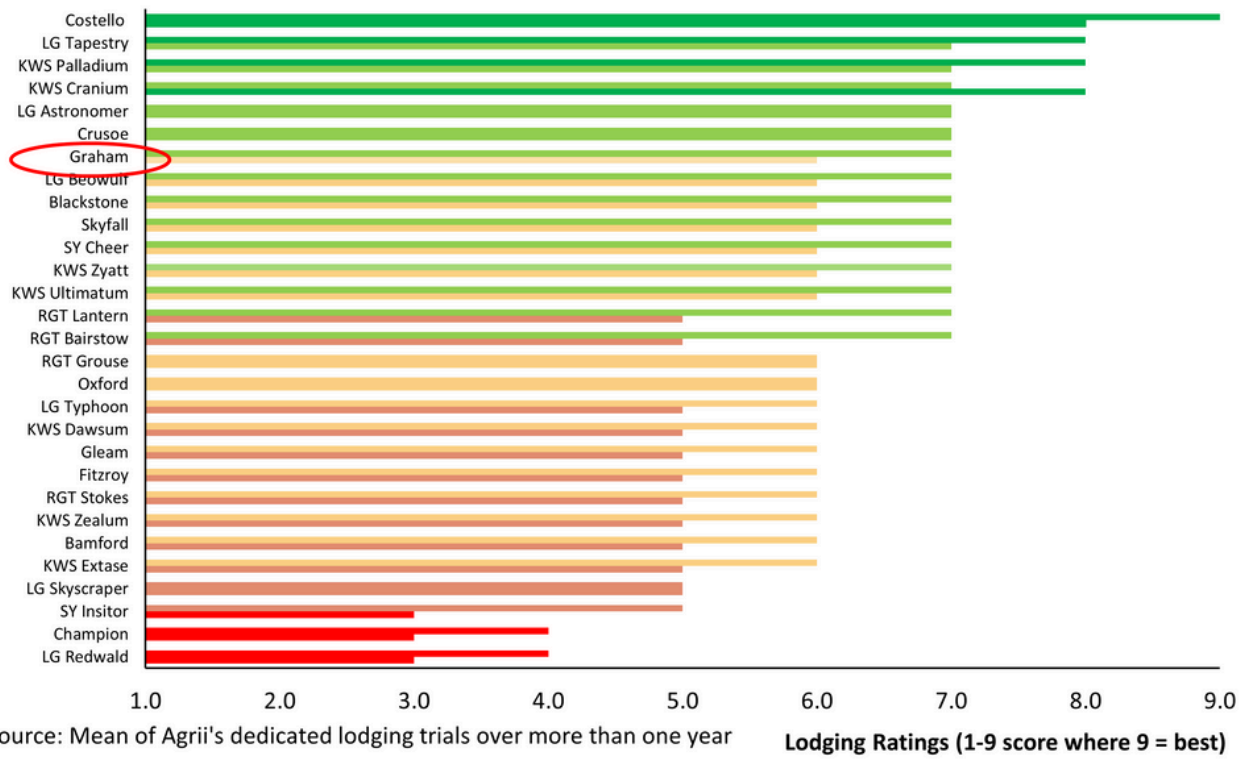
GRAHAM



Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.

GRAHAM

Winter Wheat Varieties Agrii's Treated and Untreated Lodging Ratings



Source: Mean of Agrii's dedicated lodging trials over more than one year
Lodging Ratings (1-9 score where 9 = best)

Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.