

# KWS SOLITAIRE



- +A new biscuit wheat with a 'High' distilling rating
- +Good all round disease resistance and light-land suitability

A new biscuit-wheat addition to the UK Recommended List. Very high yields in both official trials (107% treated, 88% untreated) and Agrii trials last year (112% treated, 77% untreated). Average physical grain quality (77.1 kg/hl) and lower HFN (179s). Its best performance has been in the north (109% treated) in AHDB trials. It is rated 'High' for distilling and provisionally approved for export under uks.

Suitable for all soil types and regions of the UK and the main drilling window through to the end of December. Best grown as a first wheat as it is susceptible to stem base diseases. Moderately tall (90cm) but relatively weak (6 treated, 5 untreated) so a robust pgr programme is essential. Medium-early maturity (+1).

Good disease resistance against mildew (6), yellow rust (8) (8) and Septoria tritici (7) (7) but weaker against brown rust (5) (4) and eyespot (4). Resistant to orange wheat blossom midge.

## Breeder:

KWS, UK

## Parentage:

Sundance x Shabras

## Status:

Biscuit, Distilling & Export (Provisional)

## AHDB regional

## recommendation:

UK

### Agrii yield & grain quality - Agrii 3 yr mean (min 21 trials)

|   |      |
|---|------|
| UK fungicide treated yield (% controls) | 112  |
| Untreated yield (% controls)            | 77   |
| Specific weight (kg/hl)                 | 74.1 |

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

|  |       |
|--|-------|
| UK fungicide treated yield (% controls)    | 107   |
| East fungicide treated yield (% controls)  | 106   |
| West fungicide treated yield (% controls)  | 109   |
| North fungicide treated yield (% controls) | [108] |
| Untreated yield (% treated controls)       | 88    |
| Specific weight (kg/hl)                    | 77.1  |
| Ration for distilling quality              | High  |
| Hagberg Falling Number                     | 179   |

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

|   |             |     |
|---|-------------|-----|
| Mildew resistance (1-9)                             | [5.6]       | -   |
| Yellow rust plant susceptibility before GS32-33     | Susceptible |     |
| Yellow rust resistance (1-9)                        | 7.7         | 7.8 |
| Brown rust resistance (1-9)                         | 5.1         | 4.3 |
| Septoria tritici resistance (1-9) 3 year rating     | 6.7         | 6.6 |
| Stem Based Disease Complex (Agrii 2023)             | [[S]]       |     |
| Eyespot resistance (1-9)                            | 4.4         | -   |
| Carries PCH1 Rendezvous gene for Eyespot resistance | No          |     |
| Fusarium ear blight resistance (1-9)                | 5.7         | -   |

### Agronomic characters

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

|  |     |      |
|--|-----|------|
| Lodging resistance - PGR untreated (1-9) | 4.7 | [5]  |
| Lodging resistance - PGR treated(1-9)    | 5.9 | [6]  |
| Height - PGR untreated (cm)              | 90  | -    |
| Maturity (days +/- Skyfall)              | +1  | [+1] |
| Agrii grassweed competitiveness rating   | TNC |      |
| OWBM resistance (breeder claim)          | Yes |      |
| BYDV tolerance (breeder claim)           | No  |      |

### Agrii intelligence - complementary information [] = limited data

|  |                |
|--|----------------|
| Yield consistency                                  | Medium         |
| Yield 'resilience' under disease pressure          | Medium         |
| Agrii yellow rust diversification group            | E2             |
| 2nd v 1st wheat relative performance               | Poor           |
| 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        | TNC            |
| British Cereal Exports (BCE) rating                | uks            |
| SRUC Scottish RL Status 2025/26                    | P1 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](http://www.ahdb.org.uk)

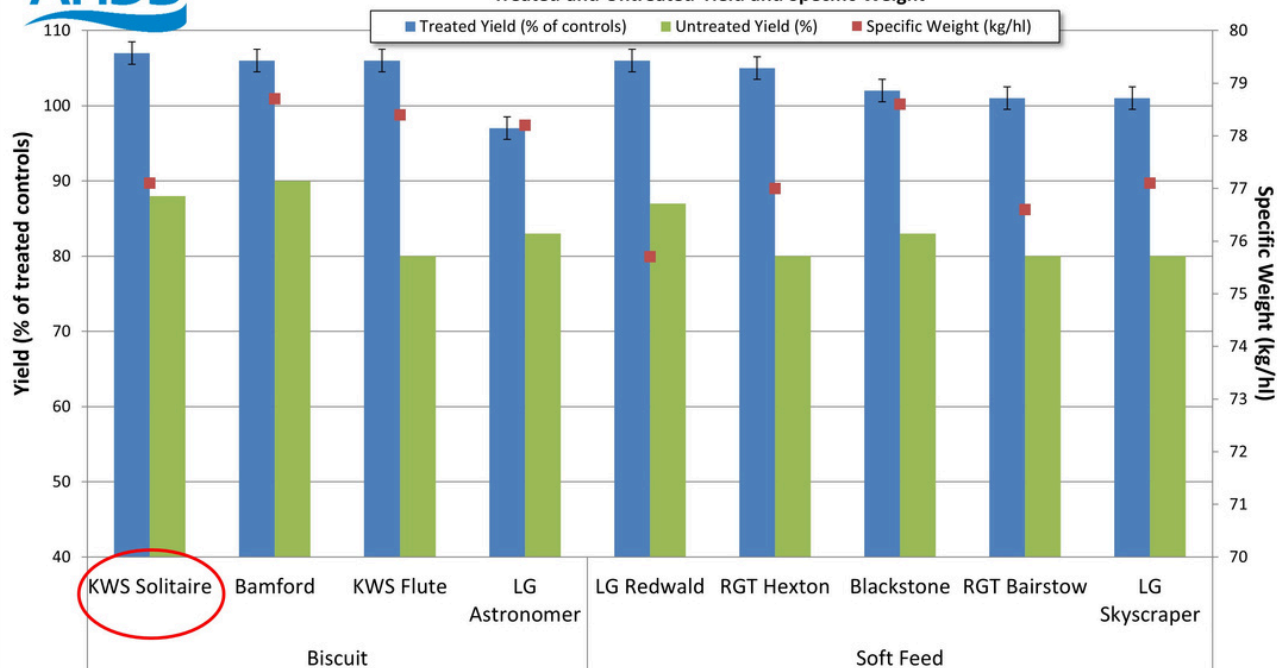
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AHDB

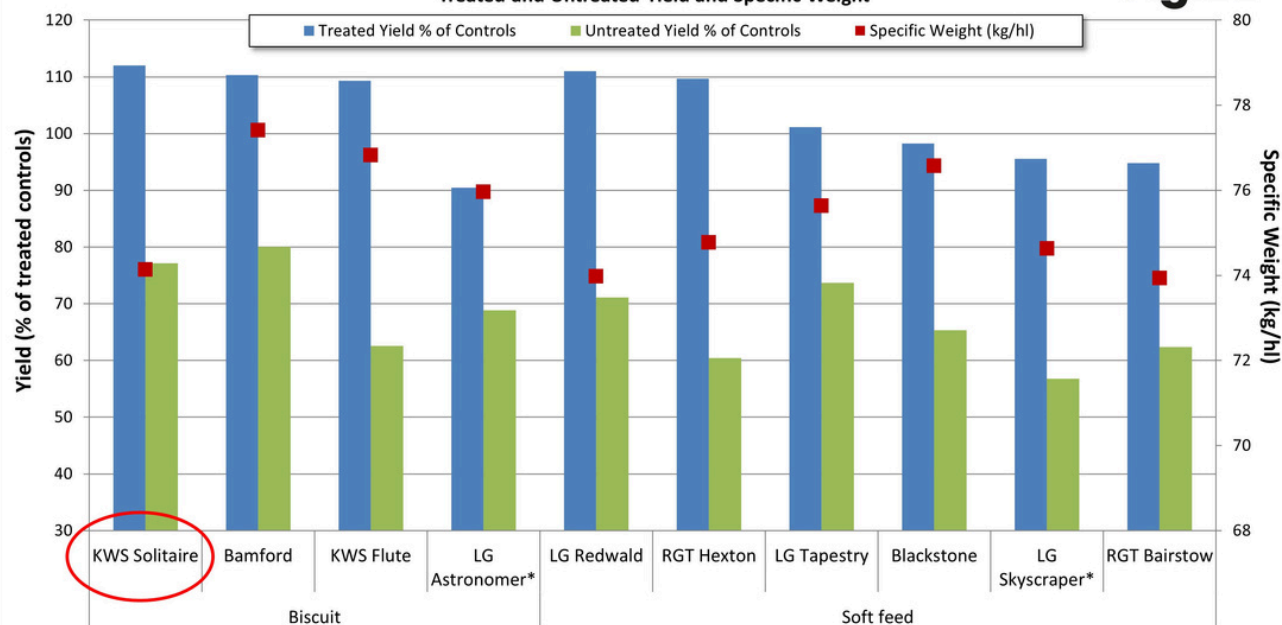
## Winter Wheat Performance - UK Recommended List, 2025-26

Treated and Untreated Yield and Specific Weight

Source: AHDB UK Recommended List, Mean yield of controls\* = 10.8 t/ha, <https://ahdb.org.uk>

## Winter Wheat Variety Trials - 2024 National Trials Summary

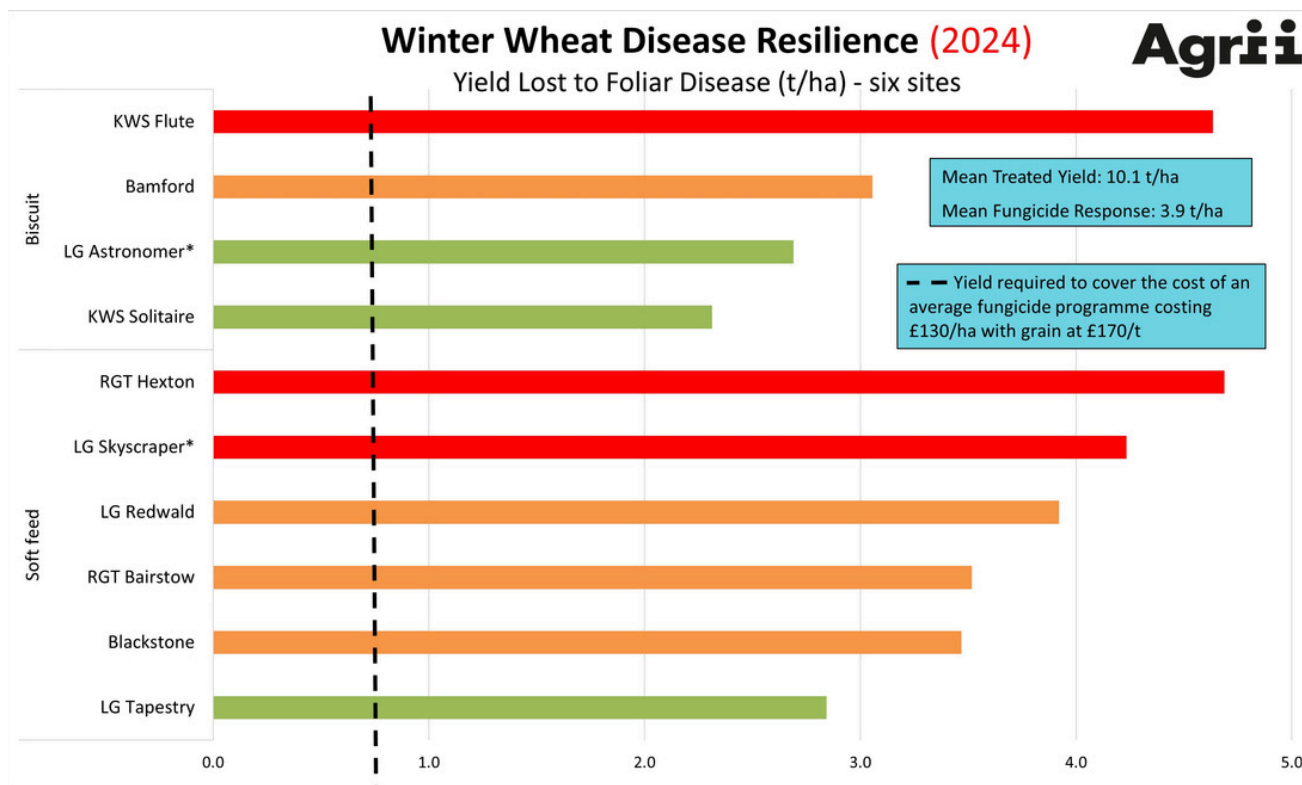
Treated and Untreated Yield and Specific Weight



Eight trials (Wiltshire, Lincolnshire, East Yorks, Kent, South Wales, Bedfordshire, Essex and Angus) Yield of controls\* = 10.2 t/ha  
 Note : Untreated results are from unreplicated plots

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

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