

KWS ULTIMATUM



- + Offers further diversification away from KWS Extase
- + Excellent agronomic profile

A new addition to the UK Recommended List last with a similar yield level (99.3% treated, 92% untreated) to KWS Palladium and equally good agronomic characteristics. Accepted as a Group 2 wheat with outstanding bold grain (79.6 kg/hl) coming from its Costello parentage, Hagberg Falling Number 287, average protein (12.3%) and provisionally approved for ukp export.

Suitable for all regions and it performs well across a range of soil types including lighter soils and show acceptable second wheat performance. Average length straw which looks stiff enough, treated (7.0) (7.0), average grassweed competitiveness and slightly later maturity (+1) (+2).

A good package for disease with mildew (6.4), yellow rust (8.8) (7.7), brown rust (5.5) (3.9), Septoria tritici (6.5) (6.7) and moderately resistant to fusarium ear blight (6.2). It frequently shows significant leaf stress spotting during grain fill but appears to yield well in spite of this. Not resistant to orange wheat blossom midge.

Breeder
KWS UK LTD
Parentage:
KWS Zyatt x Costello

Type/status:
Group 2, Milling and Feed. Provisional approved for ukp export.

AHDB regional recommendation:
UK

Agrii yield and grain quality

Blue = 2 year mean, minimum 13 trials

UK fungicide treated yield (% controls)	99.3
Untreated yield (% treated controls)	92
Specific weight (kg/hl)	78.1

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

UK fungicide treated yield (% controls)	101
East fungicide treated yield (% controls)	101
West fungicide treated yield (% controls)	101
North fungicide treated yield (% controls)	101
Untreated yield (% treated controls)	90
Specific weight (kg/hl)	79.6
Protein content (%) - milling specification	[12.2]
Hagberg Falling Number	271

Disease ratings (black = AHDB RL data, red = Agrii data)

Mildew resistance (1-9)	6.6	-
AHDB yellow rust susceptibility before GS32-33	Resistant	
Yellow rust resistance (1-9)	8.8	7.7
Brown rust resistance (1-9)	5.5	3.9
Septoria tritici resistance (1-9) 3 year rating	6.5	6.7
Stem Based Disease Complex (Agrii 2023)		MS
Eyespot resistance (1-9)	6.2	-
Carries PCH1 Rendezvous gene for Eyespot resistance	No	
Fusarium ear blight resistance (1-9)	6.4	TNC

Agronomic characters

Black = AHDB RL data, red = Agrii data

Lodging resistance - PGR untreated (1-9)	6.4	6
Lodging resistance - PGR treated(1-9)	7.0	7
Height - PGR untreated (cm)	86.7	-
Maturity (days +/- Skyfall)	+1	+2
Agrii grassweed competitiveness rating	[***]	
OWBM resistance (breeder claim)	No	
BYDV tolerance (breeder claim)	No	

Agrii intelligence - complementary information

[] = limited data

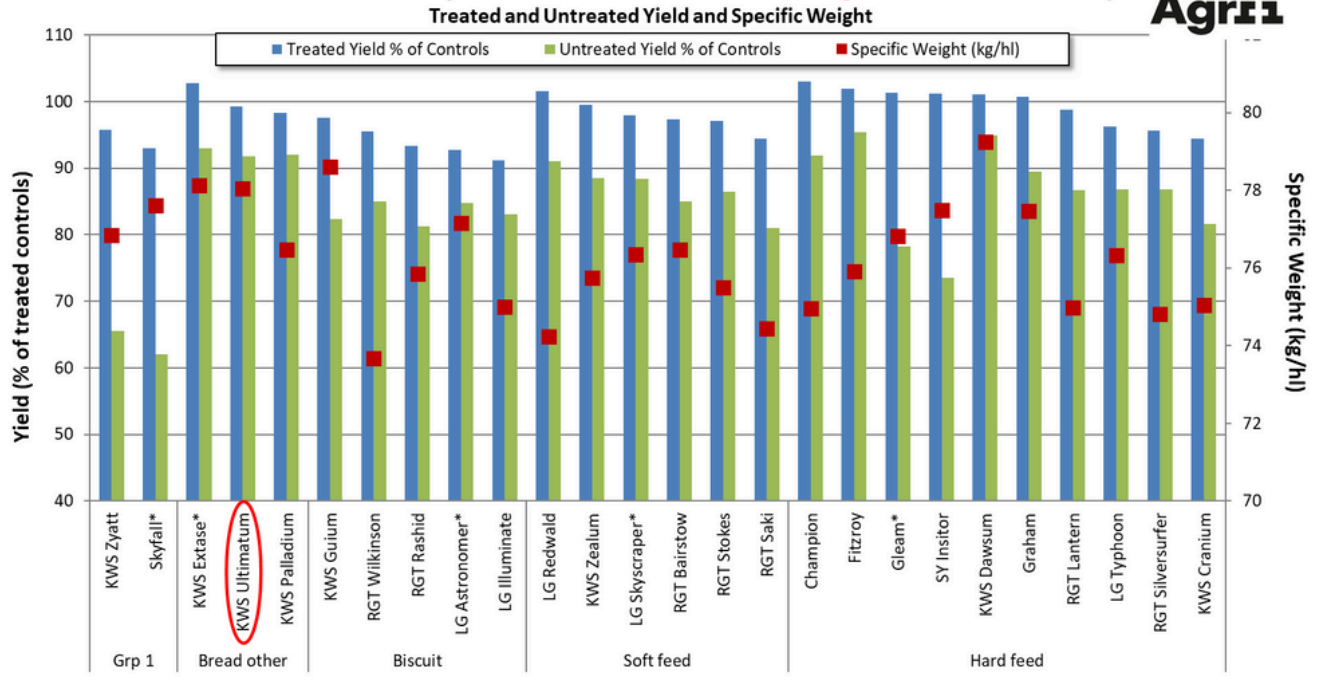
Yield consistency	High
Yield 'resilience' under disease pressure	High
Agrii yellow rust diversification group	B1
2nd v 1st wheat relative performance	[Acceptable]
Soil type suitability	[Heavy& Light]
Suitability to drill early (before 15th Sept)	No
Latest optimum drilling date	End Dec
AHDB latest safe sowing dates (breeder: see notes)	End Jan
Suitable for regions of high sterility risk	Yes
British Cereal Exports (BCE) Rating	[ukp]
SRUC Scottish RL Status 2024/25	P2
Variety Sustainability Rating (Max 42)	High

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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Winter Wheat Variety Trials – 3 Year National and Regional Trials Summary

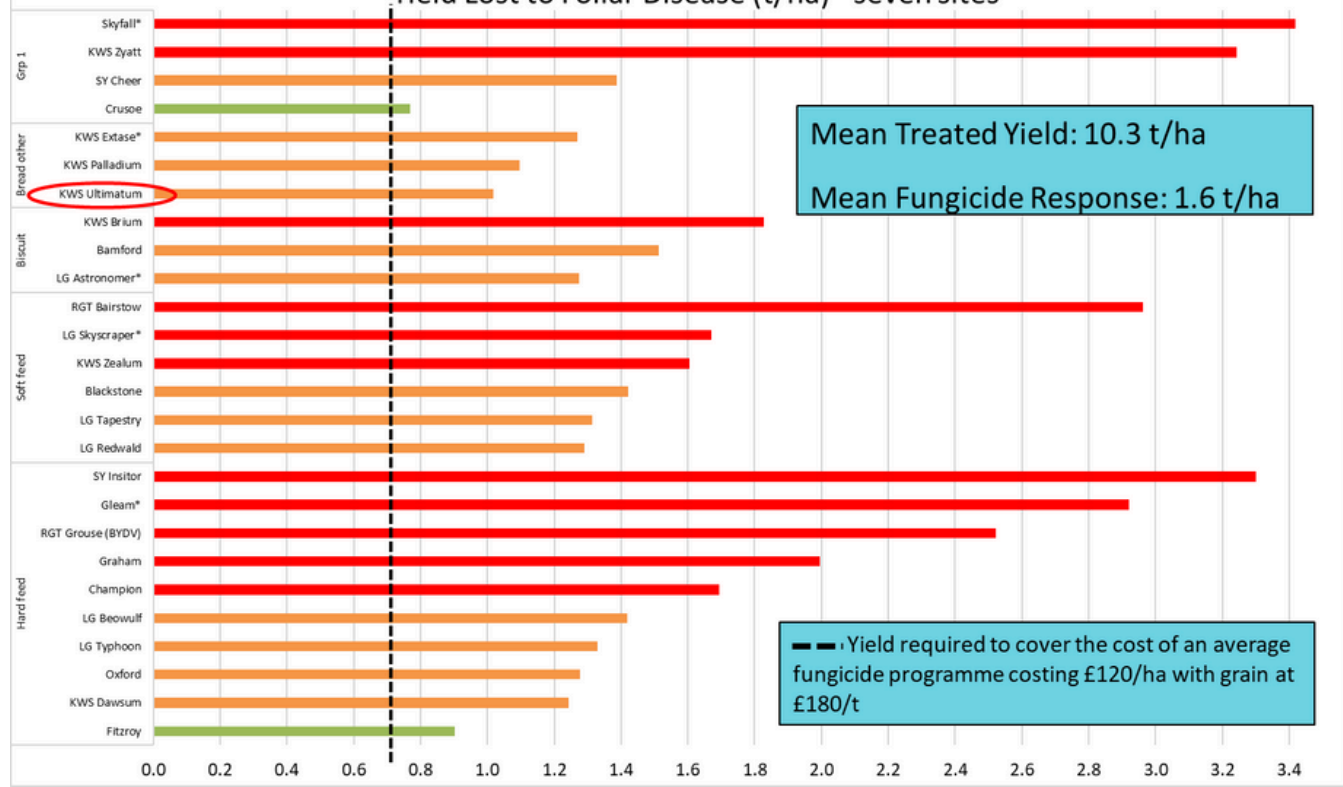


Source: Mean of **Thirty three** trials over three years. Mean yield of controls = 10.5 t/ha

Disease Resilience (2023)



Yield Lost to Foliar Disease (t/ha) - seven sites

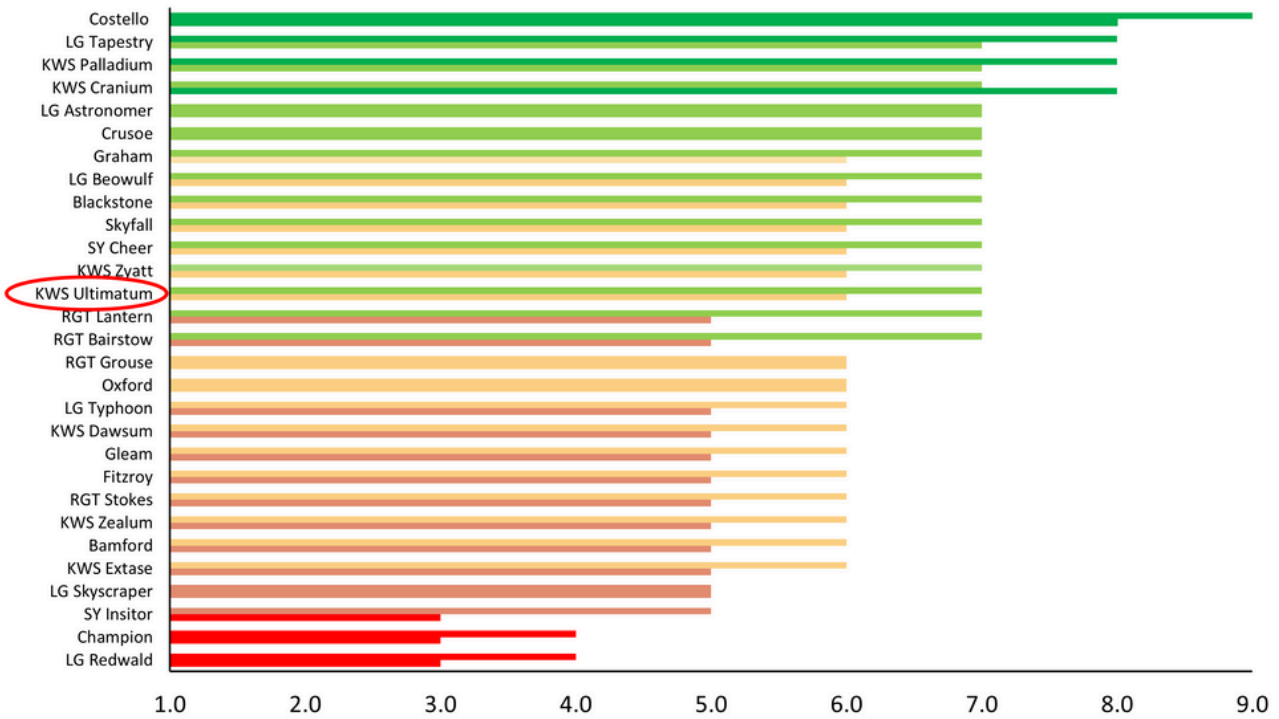


Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.



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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.