WINTER WHEAT

KWS PALLADIUM

Agri intelligence

+ A similar variety to KWS Extase with slower growth habit
+ Stiff straw and good all-round disease resistance

Breeder
KWS UK LTD

Parentage:
KWS Zyatt x KWS Trinity

Type/status:
Group 2, Milling and Feed. Not ukp

AHDB regional recommendation:
UK

A good alternative to KWS Extase with slightly higher yields (101% treated, 82% untreated), a more measured growth habit and more robust disease resistance. Accepted by the millers as a Group 2-type but not approved for ukp export. Grain quality is good with high HFN (316s), a slightly lower specific weight (77.3 kg/hl) and a protein content of 12.4%.

Suitable for all regions excluding those with a high sterility risk. Performs well across soil types and is an acceptable choice as a second wheat. It can be drilled slightly earlier than KWS Extase but still best grown from the last week of September through to the end of December. Medium height (85 cm), decently stiff straw treated (RL 8; Agrii 7) and untreated (RL 8; Agrii 6), relatively early maturity (RL -1; Agrii-1) and good resistance to sprouting.

A relatively clean variety with a good disease package with mildew (RL 7; Agrii 7), yellow rust (RL 6; Agrii 7), brown rust (RL 6; Agrii 5) and Septoria tritici (RL 7; Agrii 6.5). Moderately susceptible to fusarium ear blight (6.4) and stem-base diseases and not resistant to orange wheat blossom midge.

Agrii yield and grain quality 3 year mean, minimum 21 trials	
UK fungicide treated yield (% controls)	100.8
Untreated yield (% treated controls)	82
Specific weight (kg/hl)	73.9

AHDB yield and grain quality - AHDB RL [] = limited data	
UK fungicide treated yield (% controls)	100.1
East fungicide treated yield (% controls)	100
West fungicide treated yield (% controls)	101
North fungicide treated yield (% controls)	101
Untreated yield (% treated controls)	87
Specific weight (kg/hl)	77.3
Protein content (%) - milling specification	12.4
Hagberg Falling Number	316

Disease ratings (black = AHDB RL data, red = Agrii data)		
Mildew resistance (1-9)	7.5	7.3
AHDB yellow rust susceptibility before GS32-33	Susceptible	
Yellow rust resistance (1-9)	6.2	6.6
Brown rust resistance (1-9)	5.7	5.1
Septoria tritici resistance (1-9) 3 year rating	7.0	6.5
Stem Based Disease Complex (Agrii 2024)		MS
Eyespot resistance (1-9)	5.4	-
Carries PCH1 Rendezvous gene for Eyespot resistance	No	
Fusarium ear blight resistance (1-9)	6.4	-

Agronomic characters Black = AHDB RL data, red = Agrii data		
Lodging resistance - PGR untreated (1-9)	8.1	6
Lodging resistance - PGR treated(1-9)	7.7	7
Height - PGR untreated (cm)	85	-
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	Medium
Yield 'resilience' under disease pressure	High
Agrii yellow rust diversification group	B2
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	No
British Cereal Exports (BCE) Rating	-
SRUC Scottish RL Status	No
Variety Sustainability Rating (Max 42)	High

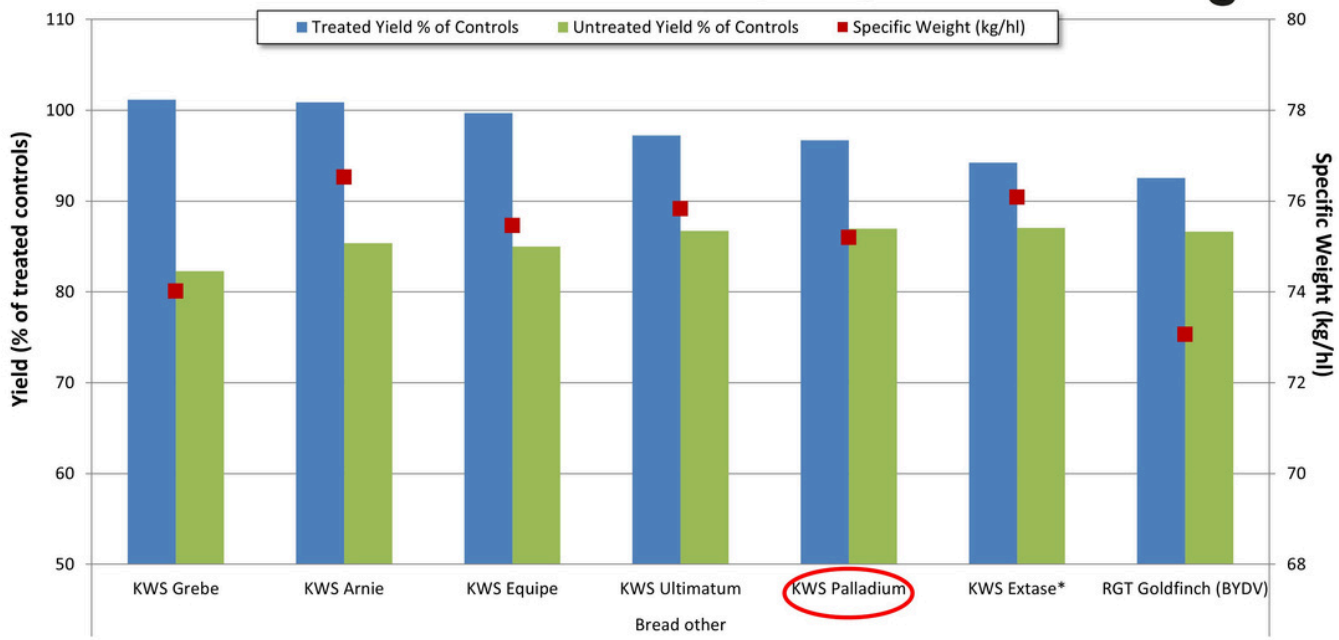
Key: MS = Moderately Susceptible TNC = Testing not complete

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

Agrii

Winter Wheat Variety Trials - 2025 National and Regional Trials Summary

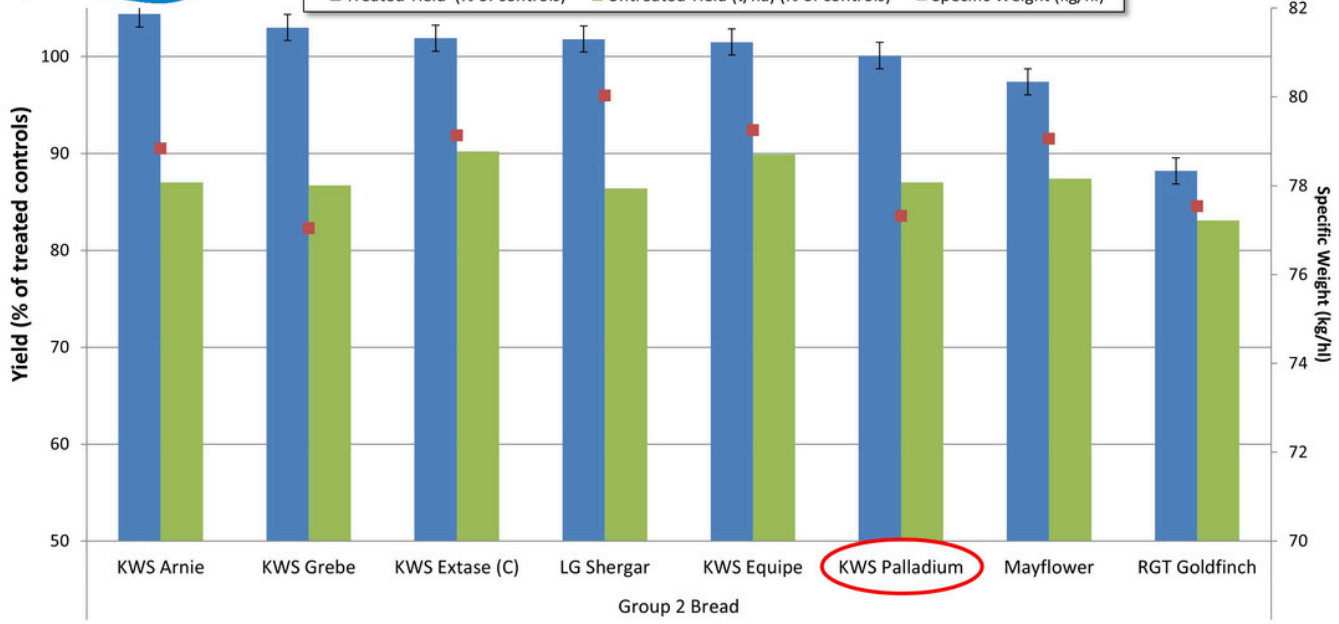
Treated and Untreated Yield and Specific Weight



Nine trials (Kent, Dorset, Cornwall, Essex x2, Glamorgan, East Yorks, Border and Angus) Yield of controls* = 10.0 t/ha
Note : Untreated results are from unreplicated plots

Winter Wheat Performance - UK Recommended List 2026-27

Treated and Untreated Yield and Specific Weight



Source: AHDB Recommended List 2026-27, Mean of controls (C) = 11.1 t/ha
https://ahdb.org.uk

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

Agrii™

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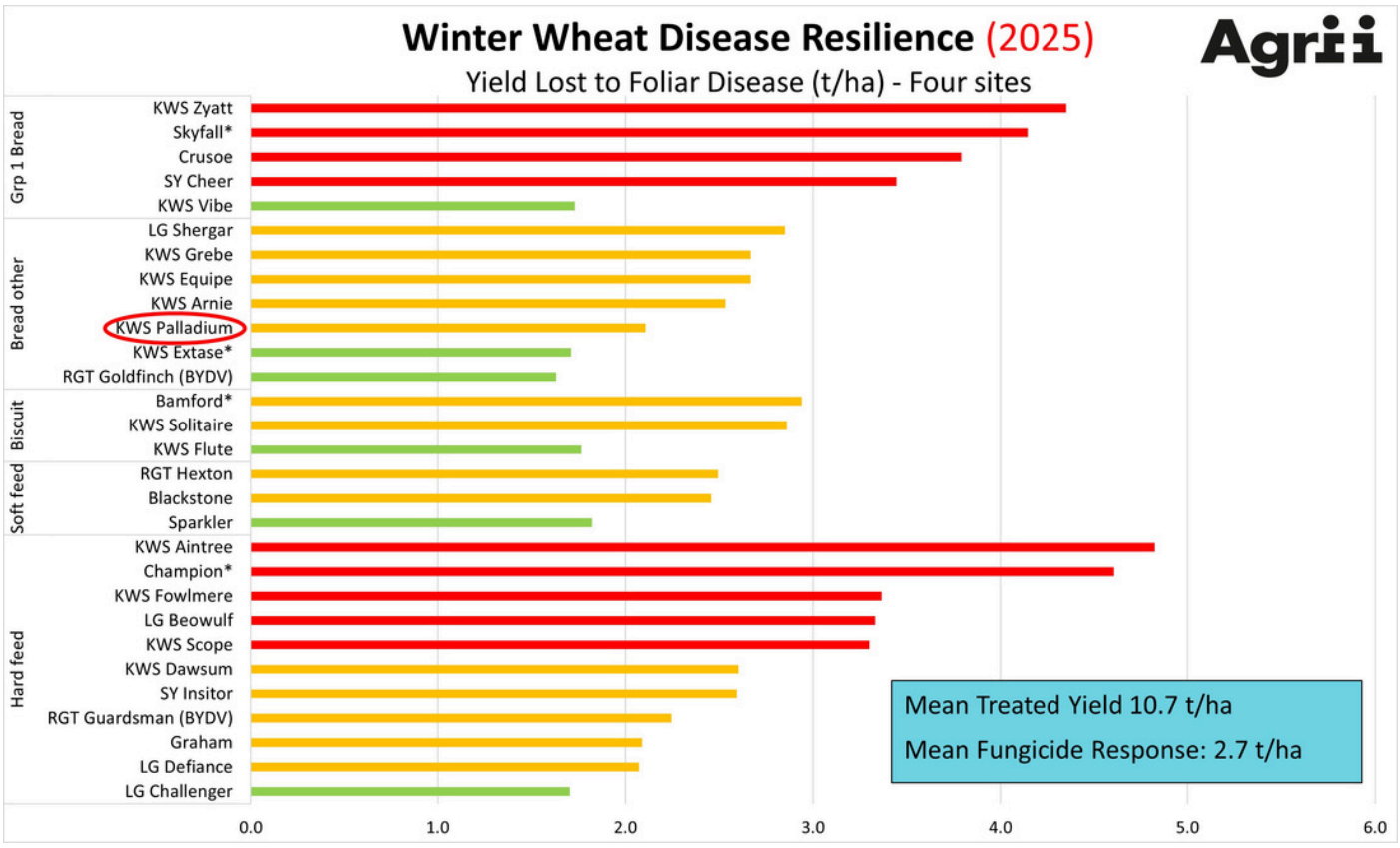

Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.

Agrii™