WINTER WHEAT

BAMFORD

+ Agrii's biggest selling winter wheat with very high yields
+ Good end-market opportunities for UK and export markets

Breeder
Elsoms Seeds UK

Parentage:
Moulton x 129

Status:
Biscuit, distilling and soft feed

AHDB regional recommendation:
UK

Agrii biggest selling wheat last autumn with consistently high yields in both official (105% treated, 89% untreated) and Agrii trials (106% treated, 85% untreated) and good disease and agronomic characteristics. It has good physical grain quality (78.5 kg/hl) that suits the millers and exporters alike. It also has a medium rating for distilling and produces high spirit yields.

Best sown in the main drilling window and suitable for all regions except areas of high sterility risk. Performs well across a range of soil types including lighter soils. It has PCH1 eyespot resistance and shows acceptable performance as a second wheat and is competitive against grassweeds. It is very fast to develop and Agrii trials suggest that straw strength is not as stiff as official ratings suggest; (RL 7 Agrii 5) untreated and (RL 7; Agrii 6) treated, so a robust PGR is advised. Medium to early (RL 0; Agrii+1) maturity but susceptible to spouting (5).

A reasonable disease resistance profile with mildew (RL 6; Agrii 6) but there is evidence to suggest ratings are slipping for yellow rust (RL 6; Agrii 5), brown rust (RL 6; Agrii 5) and Septoria tritici (RL 6; Agrii 6). Moderately susceptible to fusarium ear blight (5.7) and stem-base diseases. Resistant to soil borne wheat mosaic virus but not orange wheat blossom midge.

Agrii yield & grain quality - Agrii 3 yr mean	
UK fungicide treated yield (% controls)	105.8
Untreated yield (% controls)	85
Specific weight (kg/hl)	75.7

AHDB yield & grain quality - AHDB RL [] = limited data	
UK fungicide treated yield (% controls)	104.7
East fungicide treated yield (% controls)	104
West fungicide treated yield (% controls)	106
North fungicide treated yield (% controls)	107
Untreated yield (% treated controls)	89
Specific weight (kg/hl)	78.5

Disease ratings (black = AHDB RL data) Red = Agrii data		
Mildew resistance (1-9)	6.3	5.6
Yellow rust plant susceptibility before GS32-33	Susceptible	
Yellow rust resistance (1-9)	5.5	4.6
Brown rust resistance (1-9)	6.3	5.0
Septoria tritici resistance (1-9) 3 year rating	6.4	5.7
Stem Base Disease Complex (Agrii 2023)	MS	-
Eyespot resistance (1-9)	5.7	-
Carries PCH1 Rendezvous gene for Eyespot resistance	Yes	
Fusarium ear blight resistance (1-9)	[5.3]	-

Agronomic characters Black = AHDB RL data, red = Agrii data [] = limited data		
Lodging resistance - PGR untreated (1-9)	7.0	5.6
Lodging resistance - PGR treated(1-9)	7.0	6.0
Height - PGR untreated (cm)	90.0	-
Maturity (days +/- Skyfall)	0	+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	Medium
Agrii yellow rust diversification group	O2
2nd v 1st wheat **relative** performance	Acceptable
Soil type suitability	[Heavy & good 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
Suitability for distilling	Medium
British Cereal Exports (BCE) Rating	uks
SRUC Scottish RL Status	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

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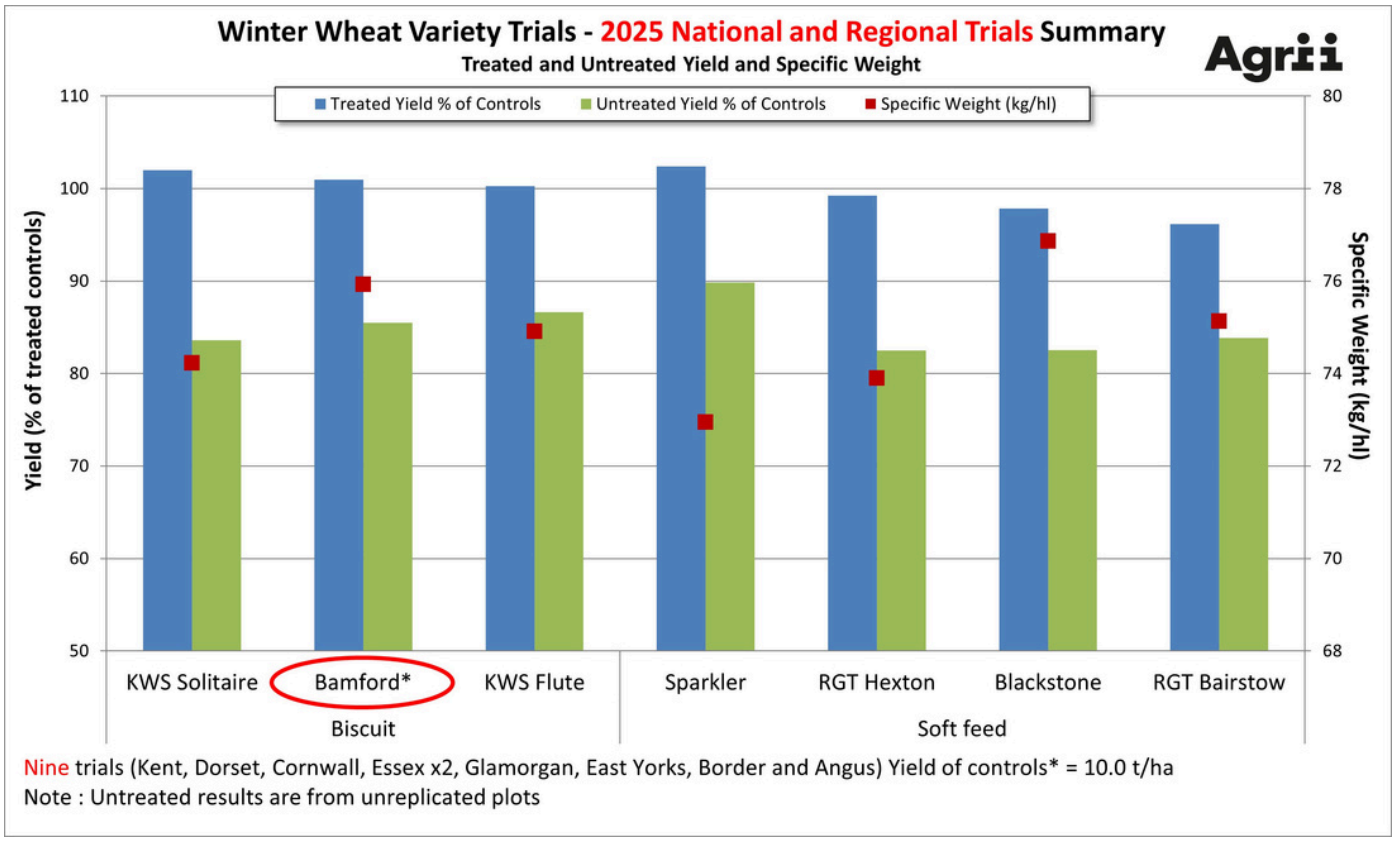
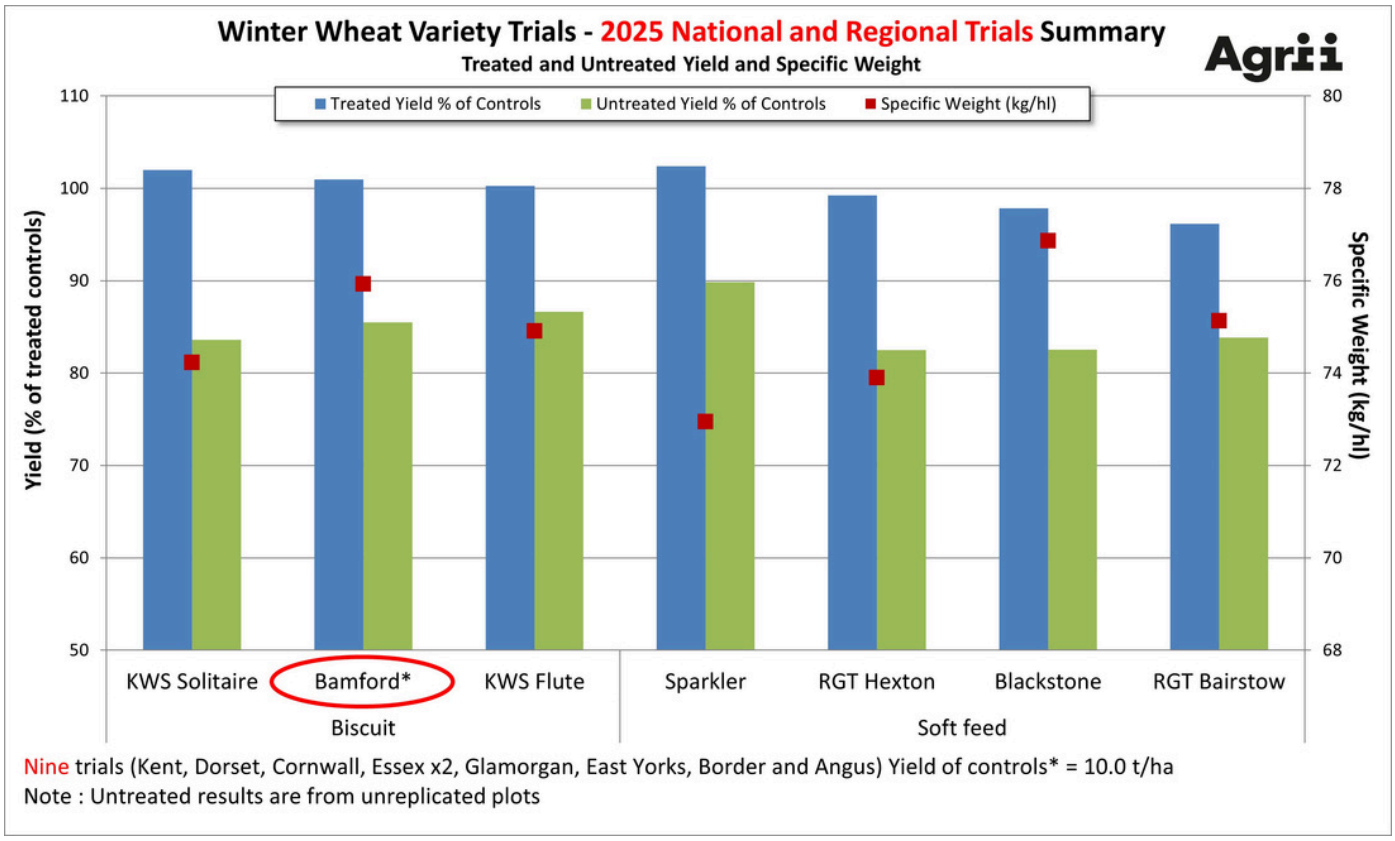


Nine trials (Kent, Dorset, Cornwall, Essex x2, Glamorgan, East Yorks, Border and Angus) Yield of controls* = 10.0 t/ha
Note : Untreated results are from unreplicated plots



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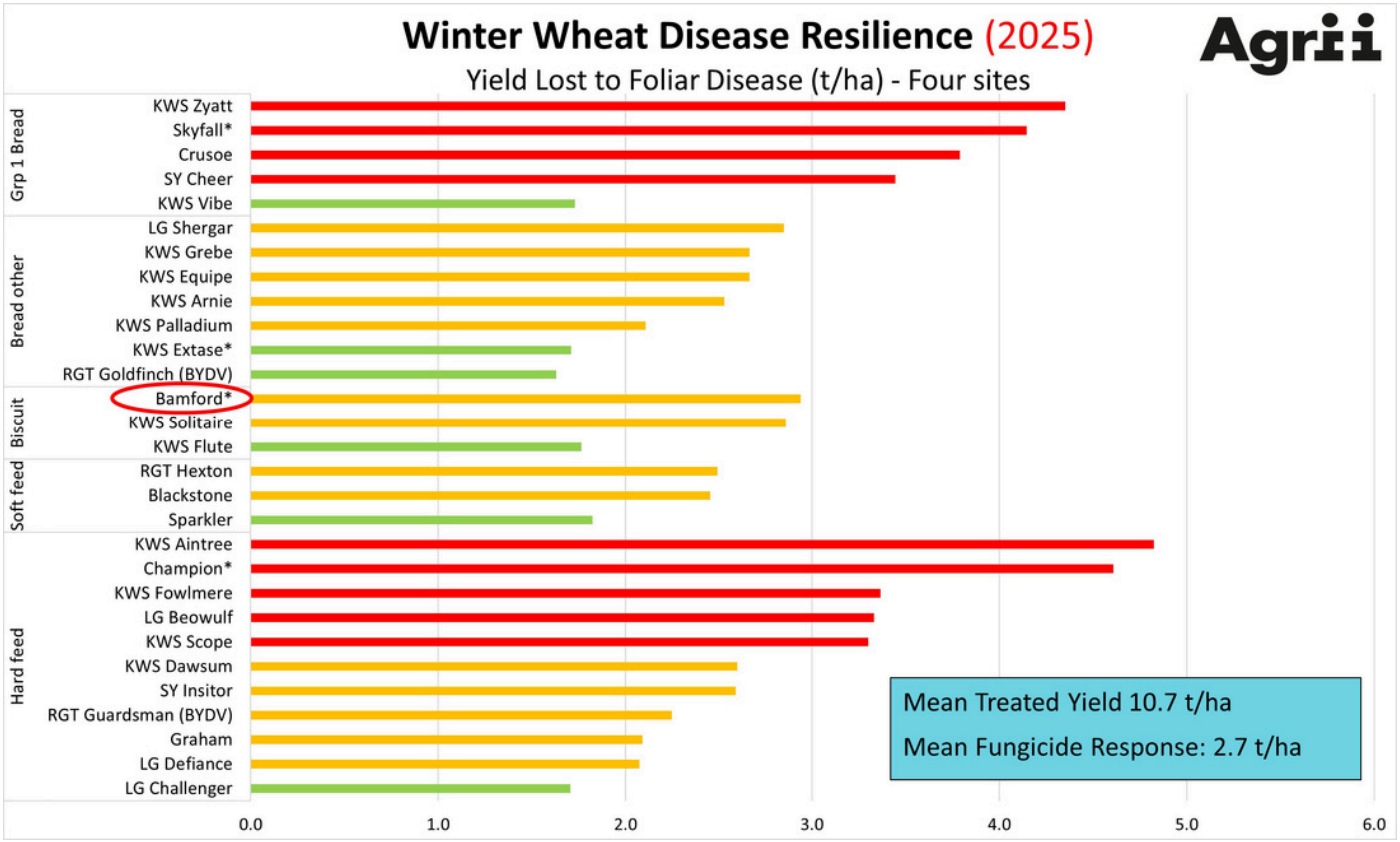

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