

SPARKLER



- +A high yielding soft wheat and positive for distilling
- +Wide drilling window - suitable for earlier and later drilling

Sparkler is a high-yielding Group 4 soft winter wheat variety, bred by Elsoms specifically for the UK market. It demonstrates high yield potential, with a treated yield of 108% reported in the North in AHDB trials, albeit based on limited data. The variety possesses desirable grain characteristics, including bold grain, a high HFN and a positive rating for distilling, which may generate interest. However, it faces competition from Solitaire, an established variety that is a year ahead in the market and also highly rated for distilling purposes.

Sparkler is a flexible variety, performing well across all soil types and as a second wheat. It is suitable for flexible drilling, accommodating earlier autumn sowings as well as later sowings extending through to late November and potentially beyond. It has tall straw but maintains relative stiffness and shows medium maturity (+1). The absence of OWBM resistance is not a concern for northern growers.

Disease resistance for brown rust (may raise some concern in England and compare unfavourably to varieties like Bamford and Solitaire. It has average resistance to yellow rust and mildew but is weak against eyespot. Its Septoria tritici resistance is considered reasonable, and its Fusarium eye blight resistance appears good.

Agri yield & grain quality - Agri 2025 results only		
UK fungicide treated yield (% controls)	102	
Untreated yield (% controls)	90	
Specific weight (kg/hl)	73.0	
AHDB yield & grain quality - AHDB RL [] = limited data		
UK fungicide treated yield (% controls)	106	
East fungicide treated yield (% controls)	106	
West fungicide treated yield (% controls)	107	
North fungicide treated yield (% controls)	[108]	
Untreated yield (% treated controls)	87	
Specific weight (kg/hl)	76.7	
Rating for distilling quality	Medium	
Hagberg Falling Number	226	
Disease ratings (black = AHDB RL data) Red = Agri data		
Mildew resistance (1-9)	[4.6]	-
Yellow rust plant susceptibility before GS32-33	Susceptible	
Yellow rust resistance (1-9)	7.3	[5.3]
Brown rust resistance (1-9)	4.3	[3.8]
Septoria tritici resistance (1-9) 3 year rating	7.2	[7.0]
Eyespot resistance (1-9)	3.7	-
Carries PCH1 Rendezvous gene for Eyespot resistance	No	
Fusarium ear blight resistance (1-9)	6.4	-

Agronomic characters	
Black = AHDB RL data, red = Agri data	[] = limited data
Lodging resistance - PGR untreated (1-9)	7.2
Lodging resistance - PGR treated(1-9)	6.0
Height - PGR untreated (cm)	92
Maturity (days +/- Skyfall)	+1
OWBM resistance (breeder claim)	No
BYDV tolerance (breeder claim)	No
Agri intelligence - complementary information	
[] = limited data	
Yield consistency	Medium
Yield 'resilience' under disease pressure	Medium
2nd v 1st wheat relative performance	Good
Soil type suitability	[Heavy+ light]
Suitability to drill early (before 15th Sept)	-
Latest optimum drilling date	[-]
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	Recommended

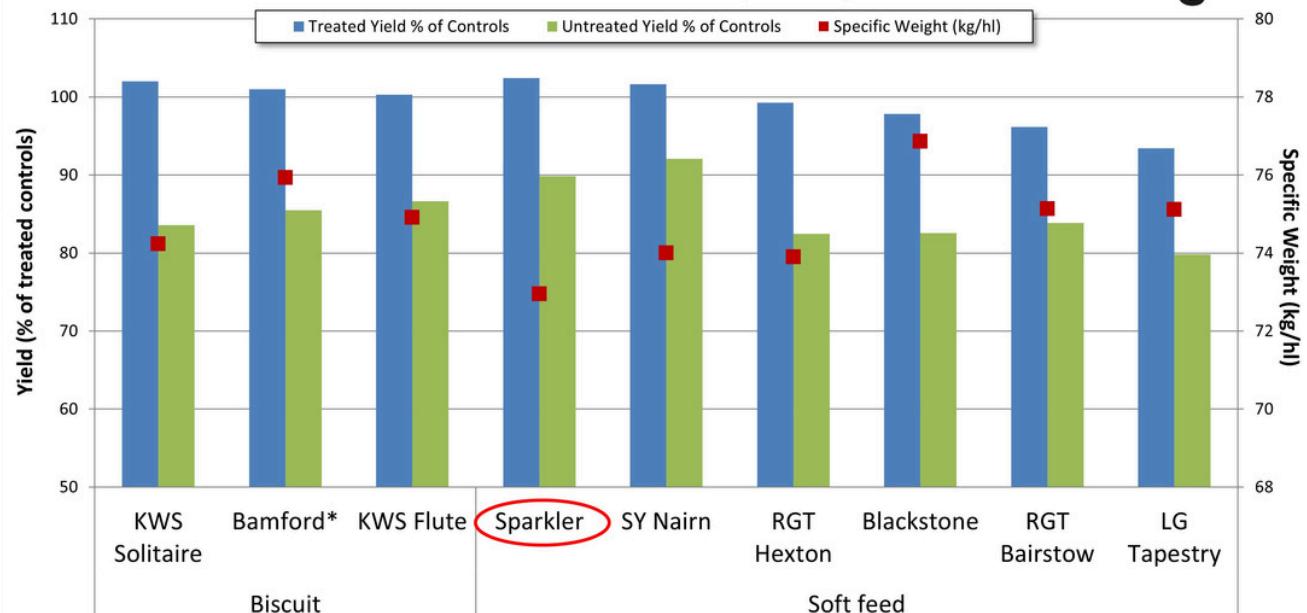
Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.
Full RL dataset is available from AHDB at www.ahdb.org.uk

Agri

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Winter Wheat Variety Trials - 2025 National and Regional Trials Summary

Treated and Untreated Yield and Specific Weight

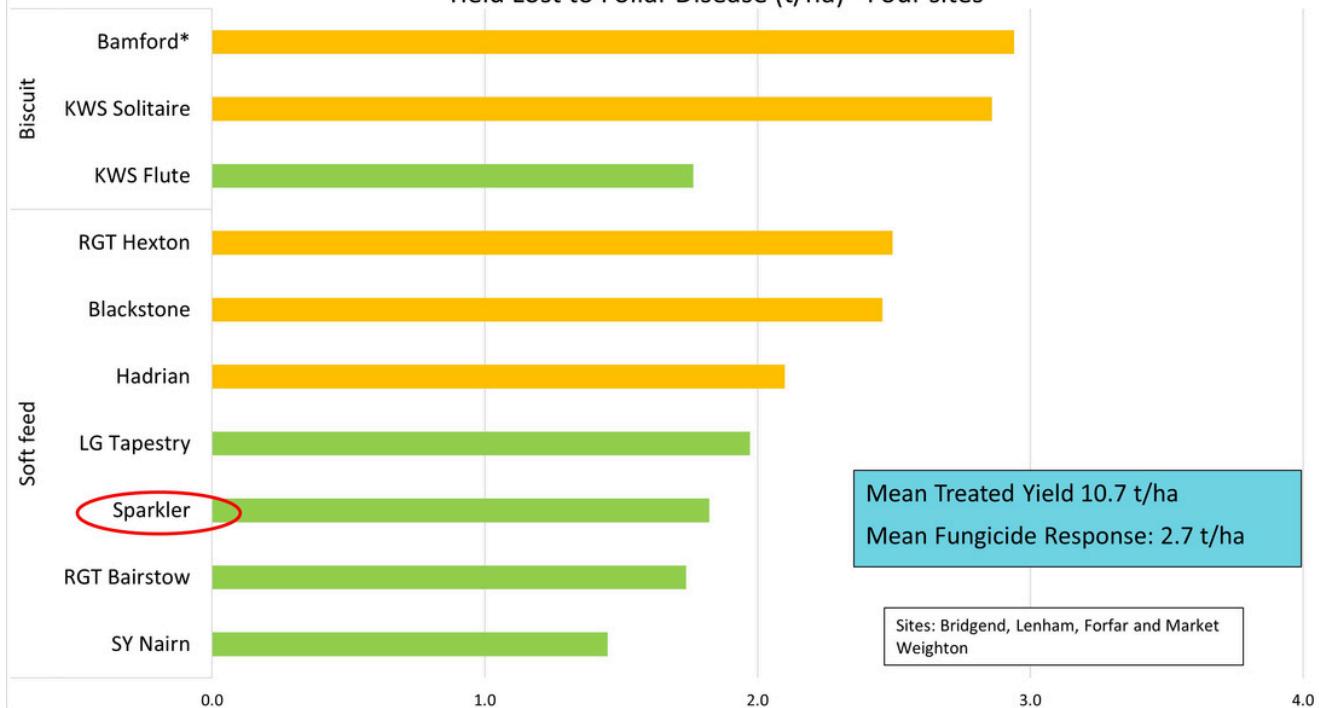


Nine trials (Kent, Dorset, Cornwall, Essex x2, Glamorgan, East Yorks, Border and Angus) Yield of controls* = 10.0 t/ha

Note : Untreated results are from unreplicated plots

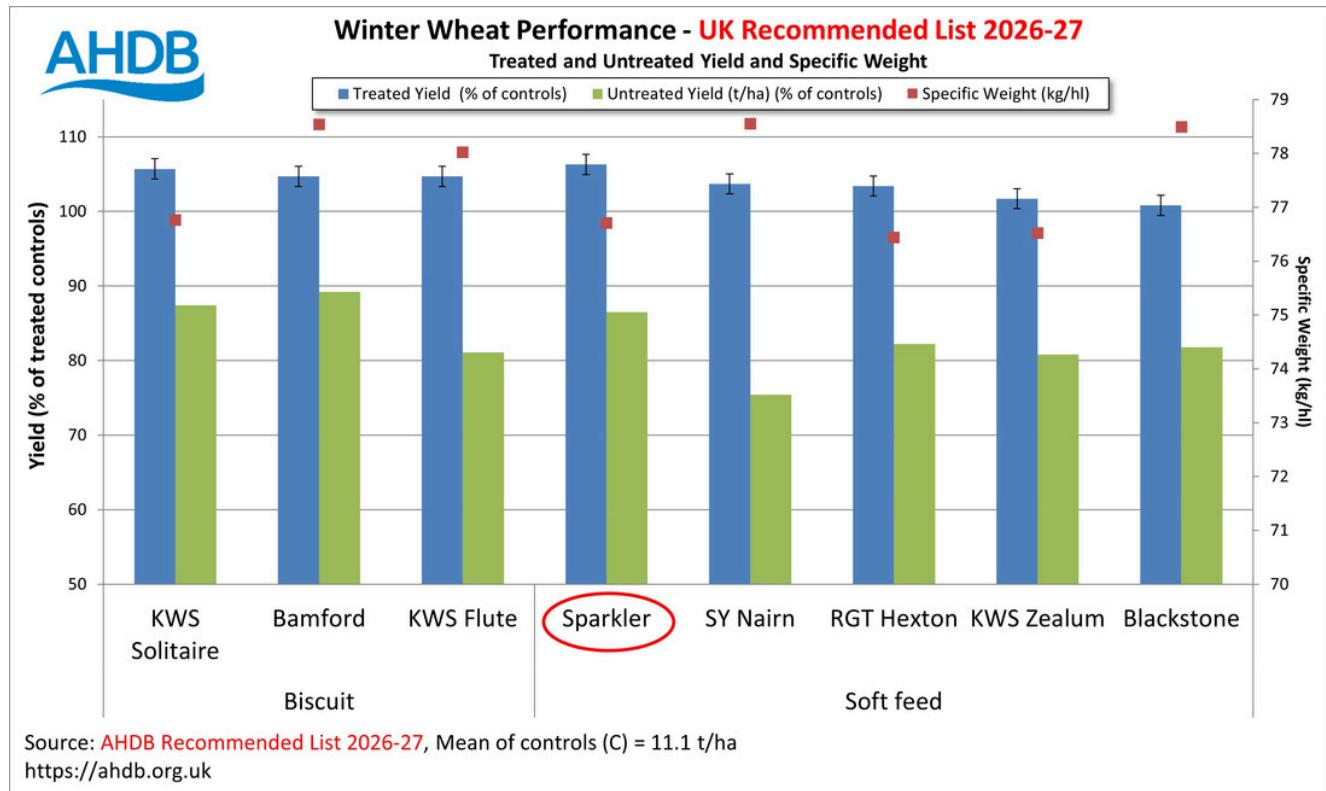
Winter Wheat Disease Resilience (2025)

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



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

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