WINTER BARLEY

LG CATAPULT

+ The highest yielding 2-row barley with BYDV tolerance
+ An idea choice for growers in high risk BYDV situations

Breeder
Limagrain UK
Parentage:
(LGBU16-6532 x LGBU16-7071-A) x KWS TARDIS
Type/status:
2-Row feed
AHDB regional recommendation
UK

LG Catapult is the first 2-row feed variety with BYDV tolerance on the UK Recommended List. It will be significant interest to growers in high-risk areas as it has similar yields to LG Caravelle, the market leader, and to hybrids with the trait. It has produced very high yields in both Agrii trials (107% treated, 87% untreated) and AHDB trials (104% treated, 90% untreated) with a reasonable specific weight but relatively high screening losses.

LG Catapult is suitable for all regions and soil types with its best performance on heavier soils. It produces relatively tall straw but responds well to growth regulators (92 cm untreated, 84 cm treated). It shows only moderate stem stiffness (6 treated), and average brackling resistance (13%). Official trials suggest that it has similar maturity to LG Caravelle but Agrii trials suggest that it is slightly later.

It has a good all-round disease package with rating for Rhynchosporium (RL 6, Agrii 6), net blotch (6), mildew (RL 6, Agrii 6) and brown rust (RL 7, Agrii 6). The good disease scores are reflected in high untreated yields (RL 90%, Agrii 87%). It is also tolerant to barley mosaic virus (strain 1).

Agrii yield & grain quality - 2 yr mean	
National fungicide treated yield (% controls)	107
National specific weight (kg/hl)	70.3
AHDB yield and grain quality	
UK fungicide treated yield (% controls)	104
East fungicide treated yield (% controls)	106
West fungicide treated yield (% controls)	[104]
North fungicide treated yield (% controls)	[101]
Untreated yield (% treated controls)	90
Specific weight (kg/hl)	70.7
Screenings through 2.25mm (%)	2.6
Screenings through 2.5mm (%)	8.5

Disease ratings (black = AHDB RL data, red = Agrii data) [ ] = limited data		
Mildew resistance (1-9)	6	[[6]]
Brown rust resistance (1-9)	7	[[6]]
Rhynchosporium resistance (1-9)	[6]	TNC
Net blotch resistance (1-9)	5	TNC
Barley mosaic virus resistance	Yes (strain 1 only)	
Barley yellow dwarf virus tolerance	Yes	

Agronomic characteristics, [ ] = limited data red = Agrii data	
AHDB lodging resistance (PGR untreated) (1-9)	-
AHDB lodging resistance (PGR treated) (1-9)	6
Agrii lodging risk rating when PGR treated	[Higher]
% Brackling	13 TNC
Straw height (no PGR) (cm)	92
Straw height (with PGR) (cm)	84
Maturity (days +/- KWS Orwell) early/med/late	0 [M/L]
Agrii intelligence - complementary information	
Current disease 'resilience'	High
Grassweed competitiveness	TNC
AHDB treated yields on light soils (% controls)	102
AHDB treated yields on heavy soils (% controls)	105
SRUC Scottish RL Status	Recommended
Total Variety Sustainability Rating	Medium

Key: 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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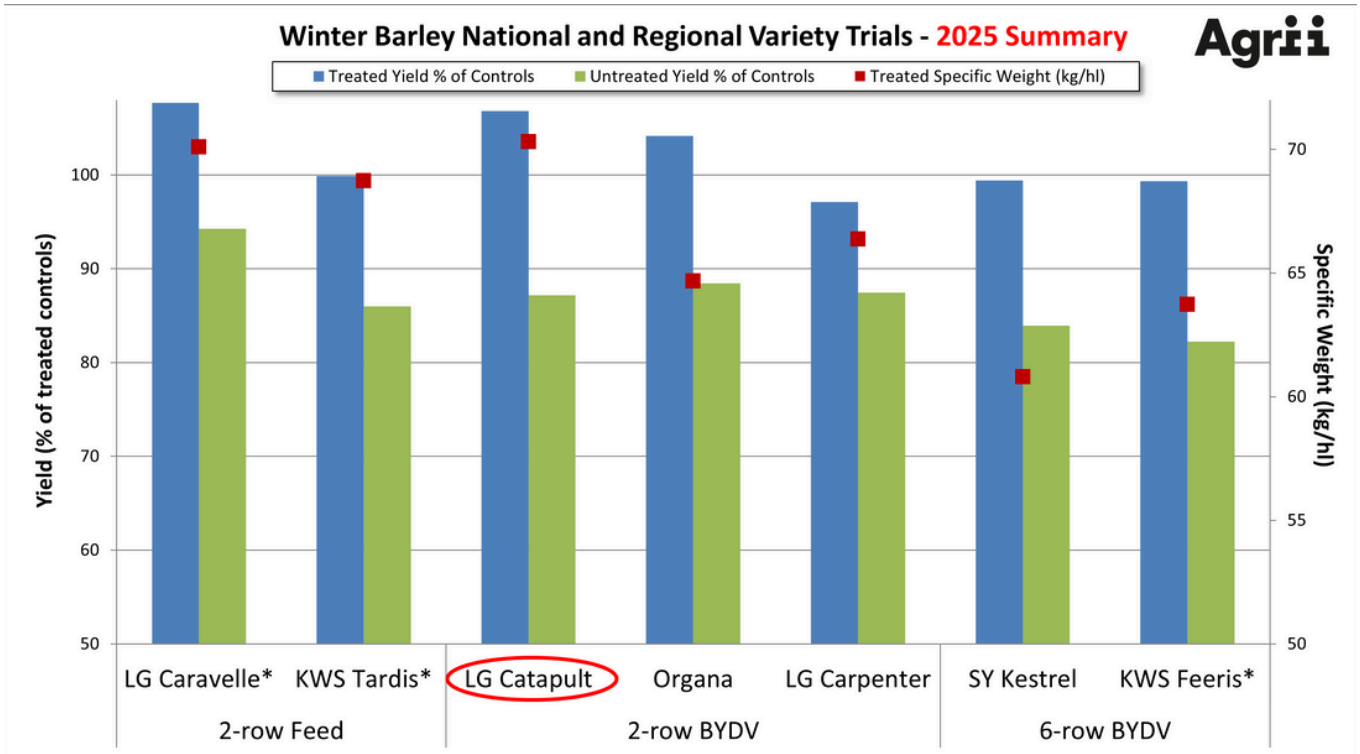
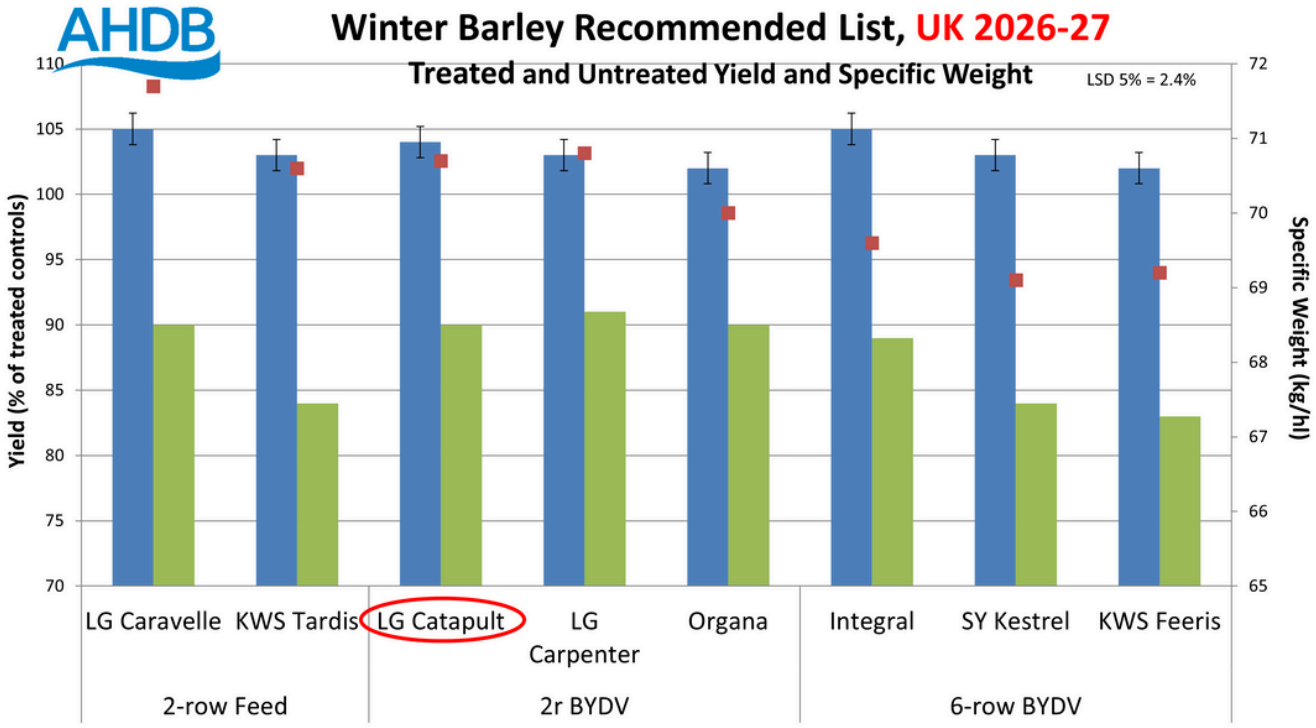
Agri intelligence



Source: Mean of five trials (Essex, Cambs, East Yorks, Angus and Cornwall). Mean yield of controls* = 9.0 t/ha



Source: UK Recommended List 2026-27, Mean yield of controls* = 9.8 t/ha
www.ahdb.org.uk

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

Agrii