WINTER BARLEY

INYS

+ Very high output 6-row hybrid barley
+ Good all round agronomy and disease resistance

Breeder
KWS (UK)

Parentage:
Not declared

Type/status:
6-row hybrid barley

Region:
UK

Inys has become the successor to Belfry with significantly higher yields, a similarly good disease profile and lodging resistance. It has given high yields in Agrii trials over the past three years (105% treated, 82% untreated) and sits at near the top of the UK Recommended List for six-row varieties (107% treated, 86% untreated). It has an average specific weight (69.6 kg/hl) and relatively low screening losses. It is the first hybrid to be marketed by KWS.

Consistent performance across light (108%) and heavy soils (108%) with its most consistent performance in the East and Nort. Very competitive against grassweeds. Tall straw (113 cm untreated, 106 cm treated). Stem stiffness is good (7 treated, 8 untreated) with lower lodging risk and moderately resistant to brackling. Medium-early maturity (-1).

Good disease resistance against mildew (RL 7; Agrii 6), Rhynchosporium (RL 6; Agrii 7) and slightly weaker on net blotch (RL 5; Agrii 5) and brown rust (RL 6; Agrii 5). Resistant to barley mild mosaic virus and yellow mosaic virus (strain 1).

Agrii yield and grain quality - Agrii 2023 year only	
National fungicide treated yield (% controls)	105
National fungicide untreated yield (% controls)	82
National specific weight	64.2
Yield and grain quality - AHDB RL candidate List	
UK fungicide treated yield (% controls)	106.9
East fungicide treated yield (% controls)	108
West fungicide treated yield (% controls)	[105]
North fungicide treated yield (% controls)	107
Untreated yield (% treated controls)	86
Specific weight (kg/hl)	69.6
Screenings through 2.25mm (%)	1.8
Screenings through 2.5mm (%)	6.2

Disease ratings (black = AHDB RL, red = Agrii data), [ ] = limited data		
Mildew resistance (1-9)	7	6
Brown rust resistance (1-9)	6	5
Rhynchosporium resistance (1-9)	6	7
Net blotch resistance (1-9)	5	5
Barley mosaic virus resistance	Yes (strain 1 only)	
Barley yellow dwarf virus tolerance	No	

Agronomic characteristics, [ ] = limited data red = Agrii data	
AHDB lodging (PGR U/T)	[8]
AHDB lodging (PGR treated)	7
AHDB brackling (PGR treated) (%)	7 MR
Agrii lodging risk rating (PGR treated)	Lower
Straw height (no PGR) (cm)	[105]
Maturity (days +/- KWS Orwell) early/med/late	-1 ME
Other information, TNC = testing not complete	
Current disease 'resilience'	Low
Grassweed competitiveness	(****)
AHDB treated yields on light soils (% controls)	108
AHDB treated yields on heavy soils (% controls)	108
SRUC Scottish RL Status	P2
Total Variety Sustainability Rating	High

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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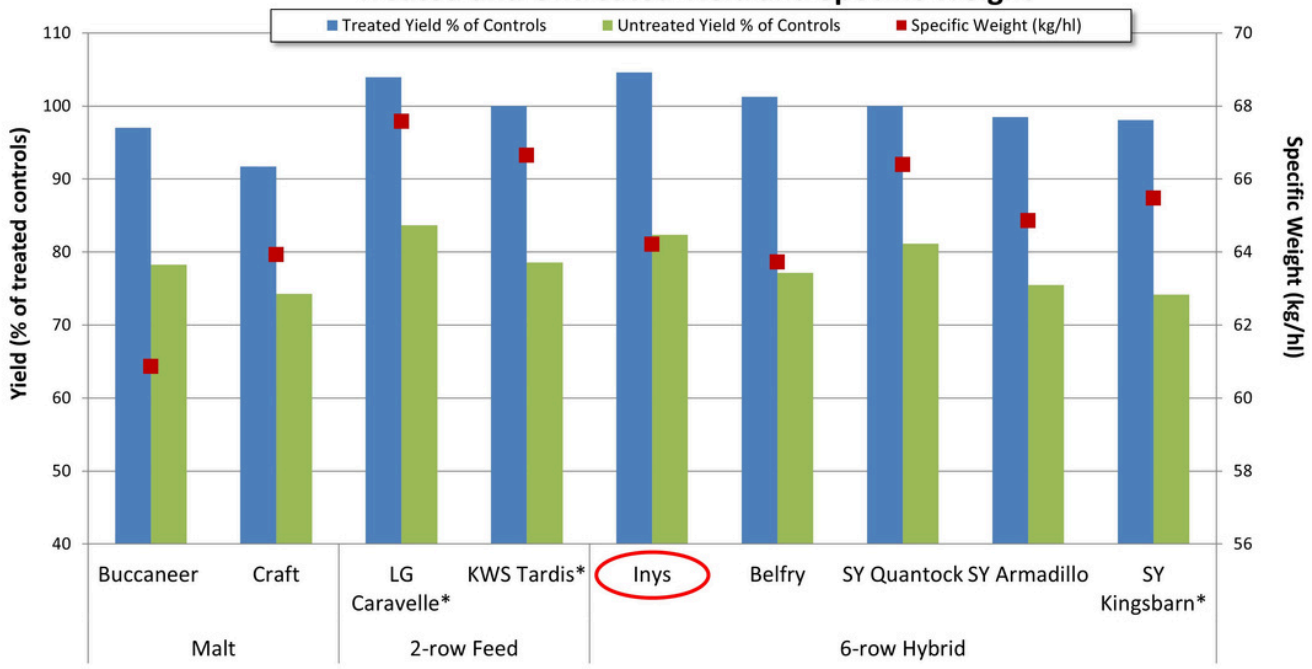
Agri intelligence

Winter Barley Variety Trials - 3 Year Summary

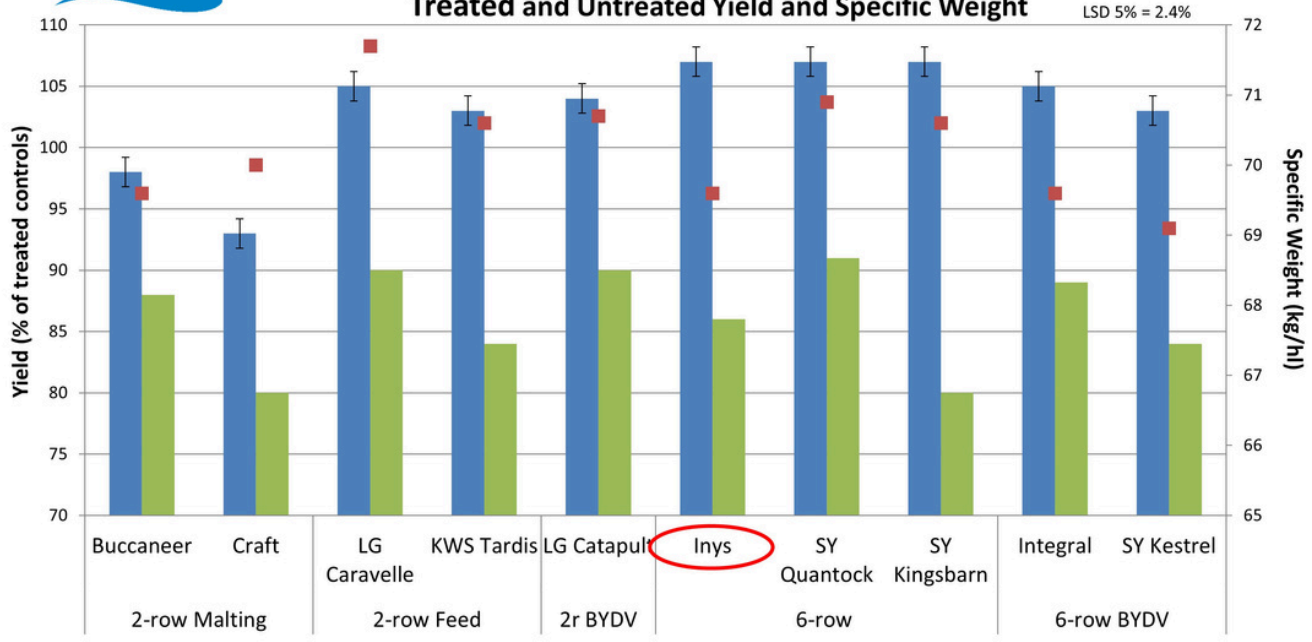
Treated and Untreated Yield and Specific Weight



Source: Mean of fouteen trials over three years. Mean yield of controls* = 9.3 t/ha

Winter Barley Recommended List, UK 2026-27

Treated and Untreated Yield and Specific Weight



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.

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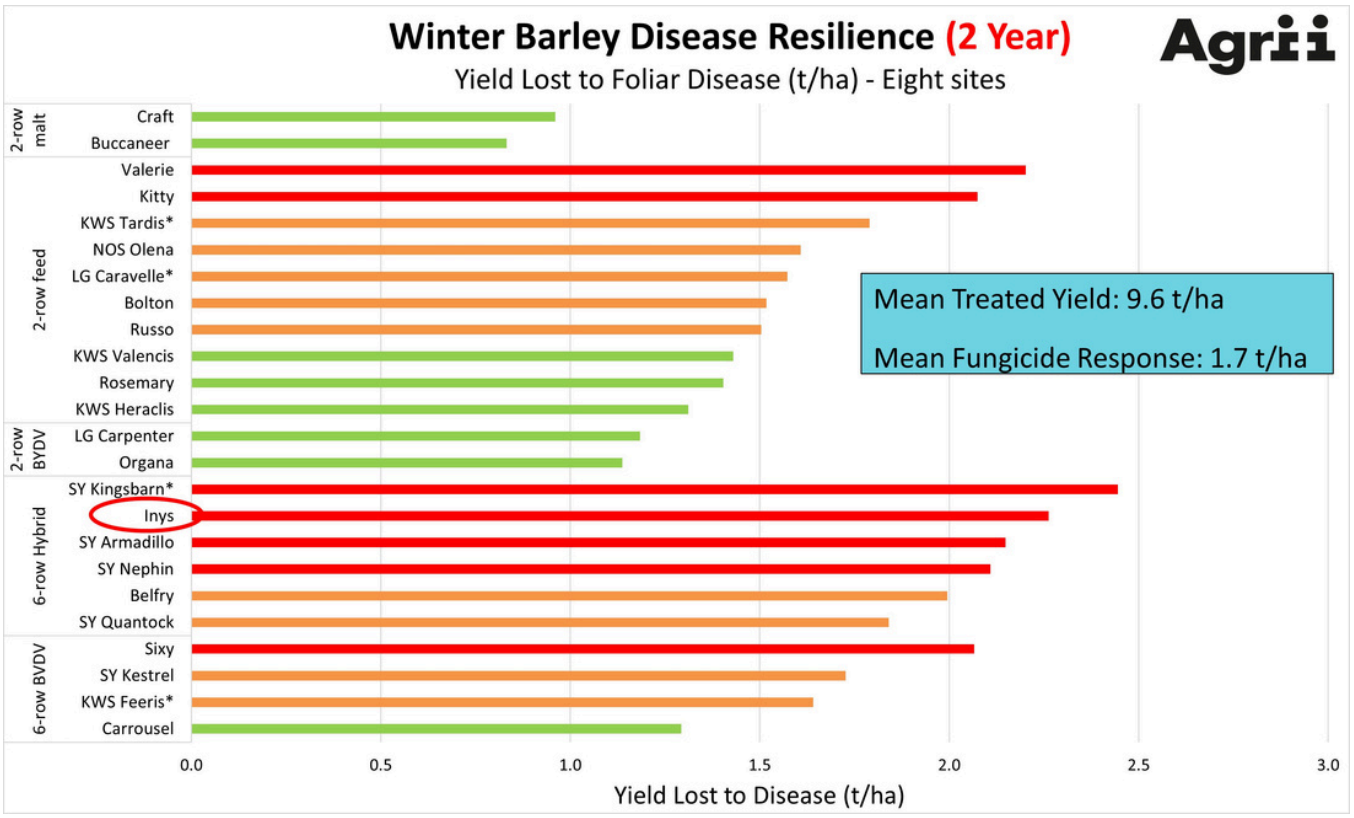

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