

# SY KINGSBARN



- + Very high output hybrid barley
- + Highest specific weight and lowest screenings of any 6-row

## Breeder

Syngenta

## Parentage:

Not declared

## Type/status:

6-row hybrid  
barley

## Region:

UK

SY Kingsbarn has become a very popular hybrid across the UK with high yields in Agrii trials over the past three years (103% treated, 77% untreated). It also has the lowest screening losses of any 6-row type in official trials and a high specific weight (70.2 kg/hl). Ideal for use on lower potential sites, lighter soils, situations where grass weeds are a problem and increasingly used for anaerobic digestion.

Very stable performance across all regions and soil types. Best drilled from late September through to mid-October. Very competitive against grassweeds. Tall straw (116 cm untreated, 106 cm treated). Stem stiffness is on the low side (7 treated, 6 untreated) and it is still prone to lodging even after a robust PGR programme. It has a higher lodging risk than both SY Armadillo and Belfry. Medium maturity (0).

Good disease resistance against mildew (7) (6), net blotch (5) (5), Rhynchosporium (7) (7) but weak against brown rust (5) (4). Resistant to barley yellow mosaic virus.

### Agrii yield and grain quality - Agrii 3 year mean

National fungicide treated yield (% controls)	102.8
National specific weight	65.1

### Yield and grain quality - AHDB RL

UK fungicide treated yield (% controls)	106.6
East fungicide treated yield (% controls)	106
West fungicide treated yield (% controls)	107
North fungicide treated yield (% controls)	107
Untreated yield (% treated controls)	83
Specific weight (kg/hl)	70.2
Screenings through 2.25mm (%)	1.5
Screenings through 2.5mm (%)	5.5

### Disease ratings (black = AHDB RL, red = Agrii data), [ ] = limited data

Mildew resistance (1-9)	7	6
Brown rust resistance (1-9)	5	4
Rhynchosporium resistance (1-9)	5	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

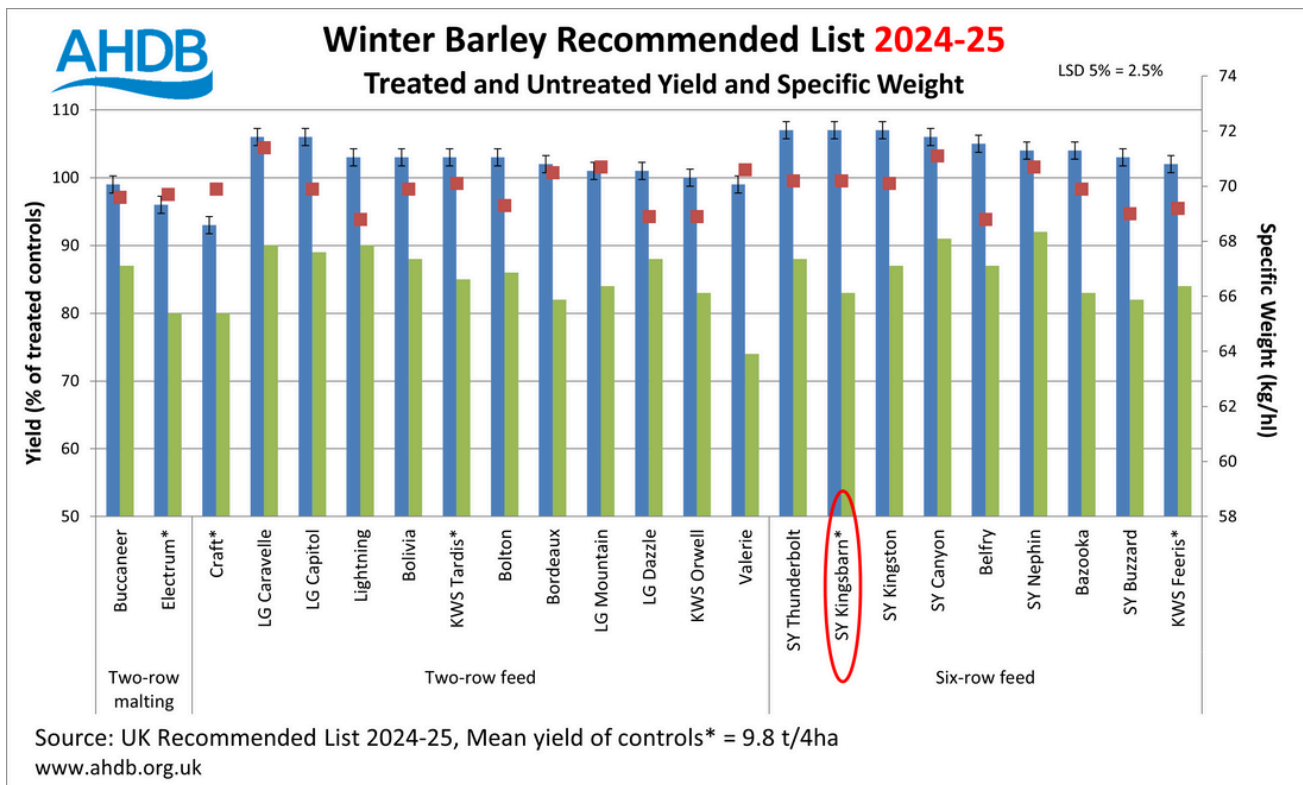
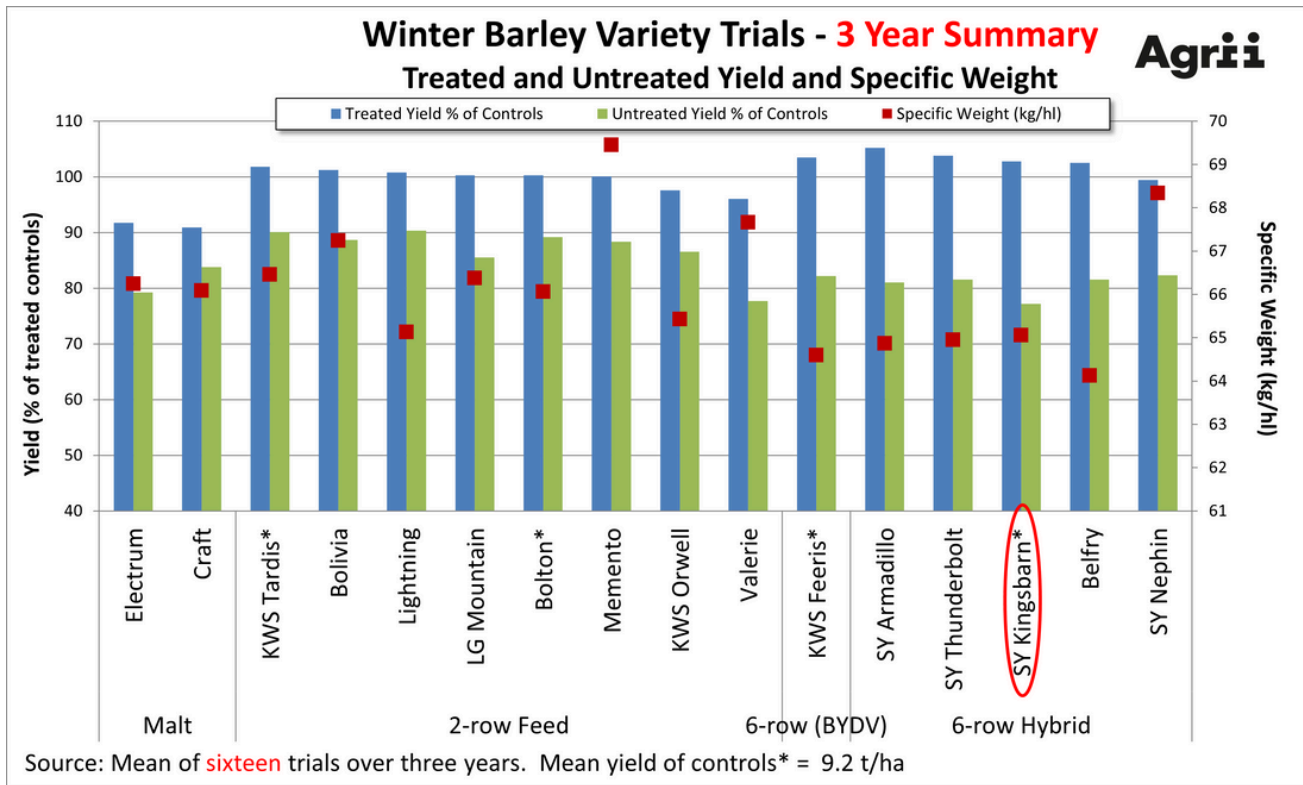
AHDB lodging resistance (PGR U/T) (1-9)	6
AHDB lodging resistance (PGR treated) (1-9)	7
Agrii lodging risk rating (PGR treated)	Higher
Straw height (no PGR) (cm)	116
Straw height (with PGR) (cm)	106
Maturity (days +/- KWS Orwell) early/med/late	0 M

### Other information, TNC = testing not complete

Current disease 'resilience'	Low
Grassweed competitiveness	(****)
AHDB treated yields on light soils (% of controls)	107
AHDB treated yields on heavy soils (% of controls)	103
SRUC Scottish RL Status 2024/25	Recommended
Agrii Variety Sustainability Rating	Medium

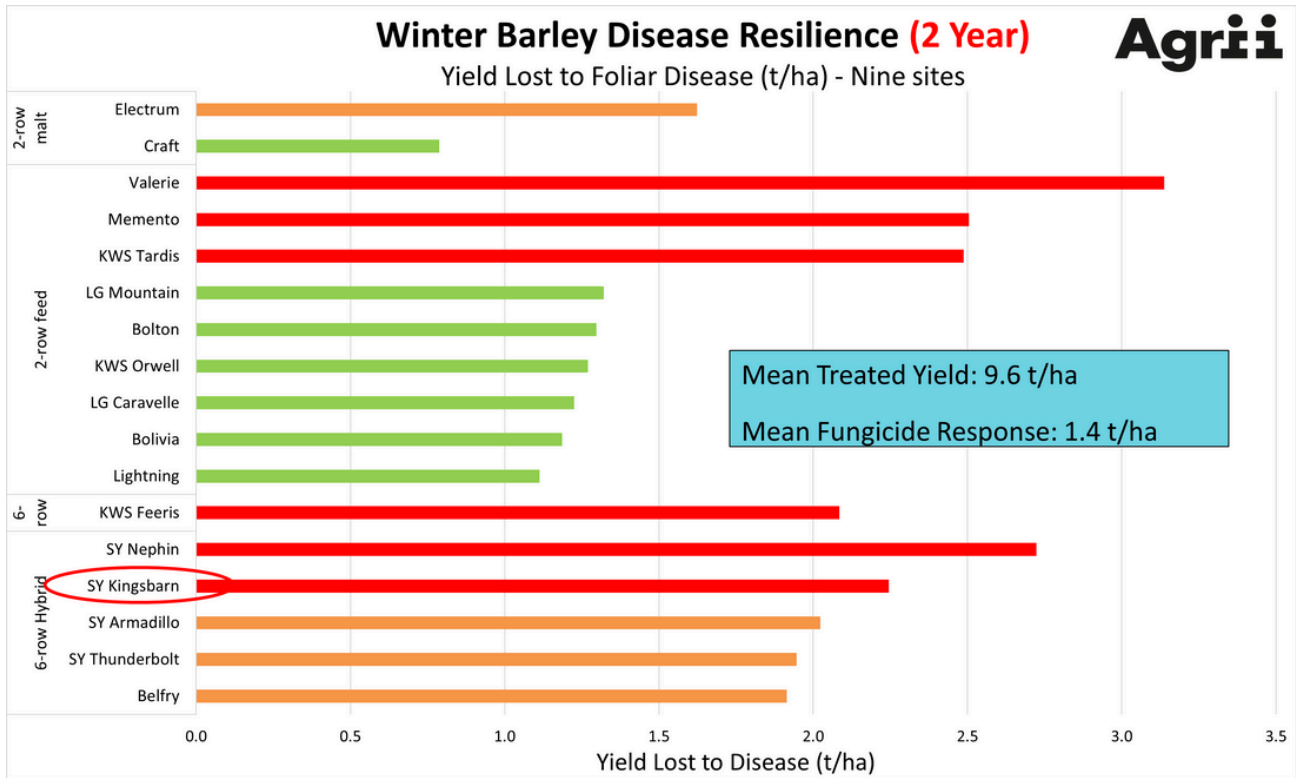
Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.  
Full RL dataset is available from AHDB at [www.ahdb.org.uk](http://www.ahdb.org.uk)

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