

# SY KINGSBARN



- + Popular hybrid barley that is now outclassed in yield
- + High specific weight and low screening losses

SY Kingsbarn has been a very popular hybrid across the UK but has become outclassed in both yield (98% treated, 74% untreated) and disease resistance. It has been popular due to its low screening losses and a high specific weight (70.6 kg/hl). It continues to be used on lower potential sites, lighter soils, anaerobic digestion, and for situations where grassweeds are a problem.

Very stable performance across all regions and soil types. Best drilled from late September through to mid-October. Very competitive against grassweeds. Tall straw (115 cm untreated, 106 cm treated). Stem stiffness is on the lower side (6 treated, 6 untreated) with a higher risk of lodging compared with SY Quantock even with a robust PGR programme. Medium-early maturity (0).

Good disease resistance against mildew (RL 7; Agrii 6), Rhynchosporium (RL 6; Agrii 7) but weaker against brown rust (RL 5; Agrii 4) and net blotch (RL 5; Agrii 5) than other hybrids. Resistant to barley mild mosaic and yellow mosaic virus (strain 1).

## Breeder

Syngenta

## Parentage:

Not declared

## Type/status:

6-row hybrid  
barley

## Region:

UK

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

National fungicide treated yield (% controls)	98.1
National specific weight	65.5

### Yield and grain quality - AHDB RL

UK fungicide treated yield (% controls)	106.5
East fungicide treated yield (% controls)	106
West fungicide treated yield (% controls)	107
North fungicide treated yield (% controls)	107
Untreated yield (% treated controls)	80
Specific weight (kg/hl)	70.6
Screenings through 2.25mm (%)	1.6
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)	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 resistance (PGR U/T) (1-9)	6
AHDB lodging resistance (PGR treated) (1-9)	6
Agrii lodging risk rating (PGR treated)	Higher
Straw height (no PGR) (cm)	115
Straw height (with PGR) (cm)	106
Maturity (days +/- KWS Orwell) early/med/late	0 M/E

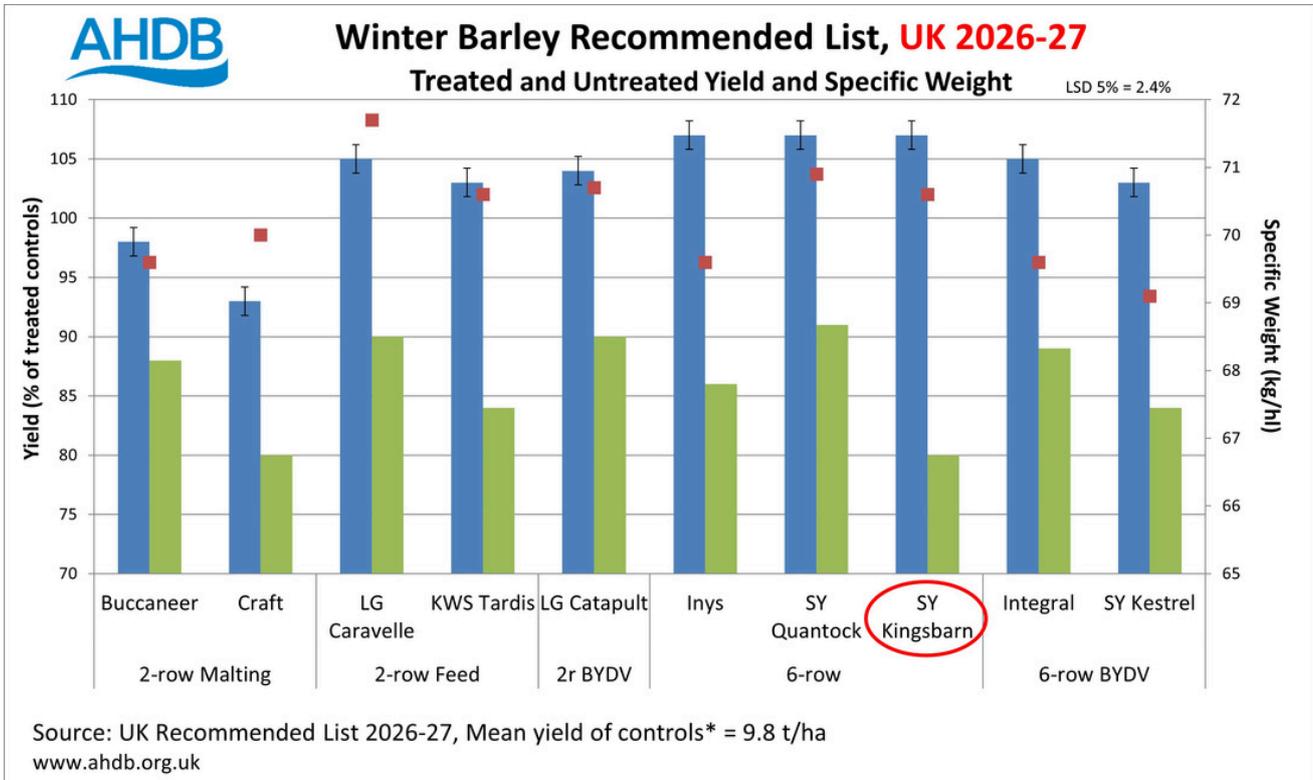
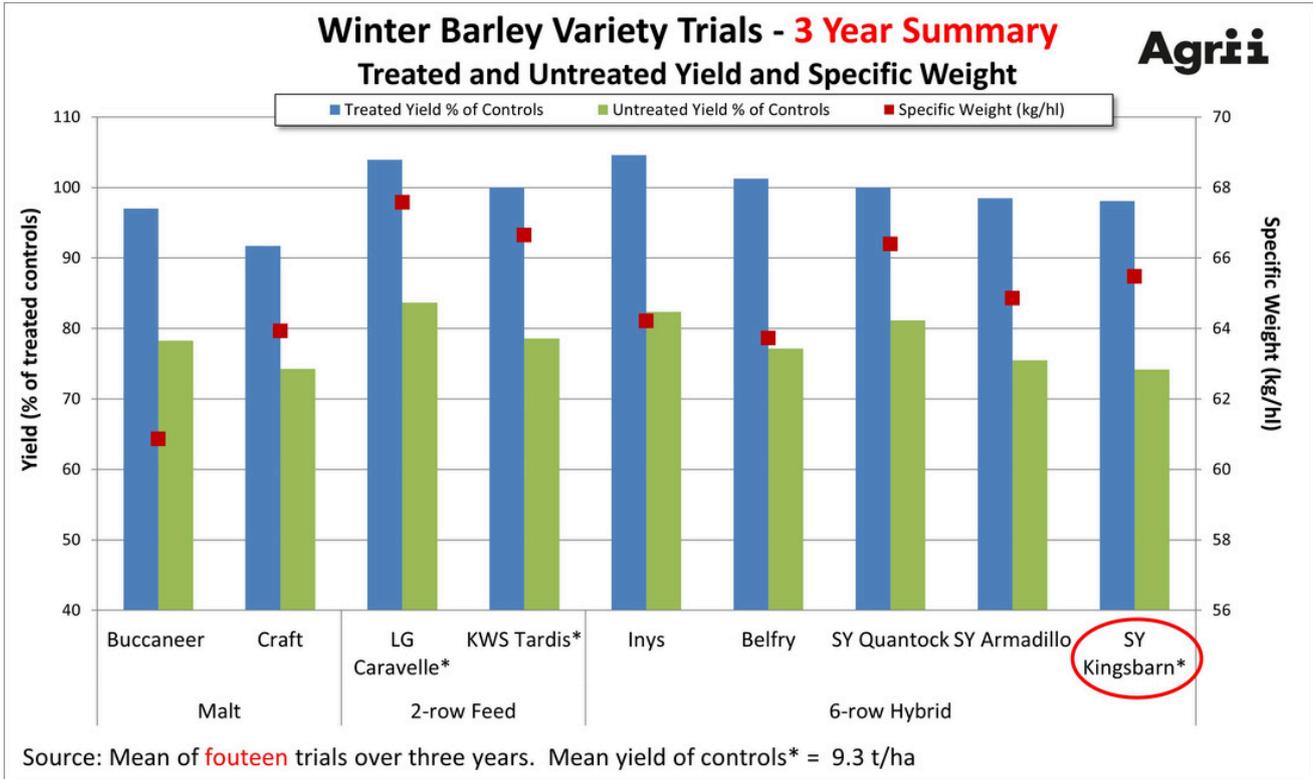
### Other information, TNC = testing not complete

Current disease 'resilience'	Very Low
Grassweed competitiveness	(****)
AHDB treated yields on light soils (% of controls)	107
AHDB treated yields on heavy soils (% of controls)	104
SRUC Scottish RL Status	Recommended
Agrii Variety Sustainability Rating	Medium



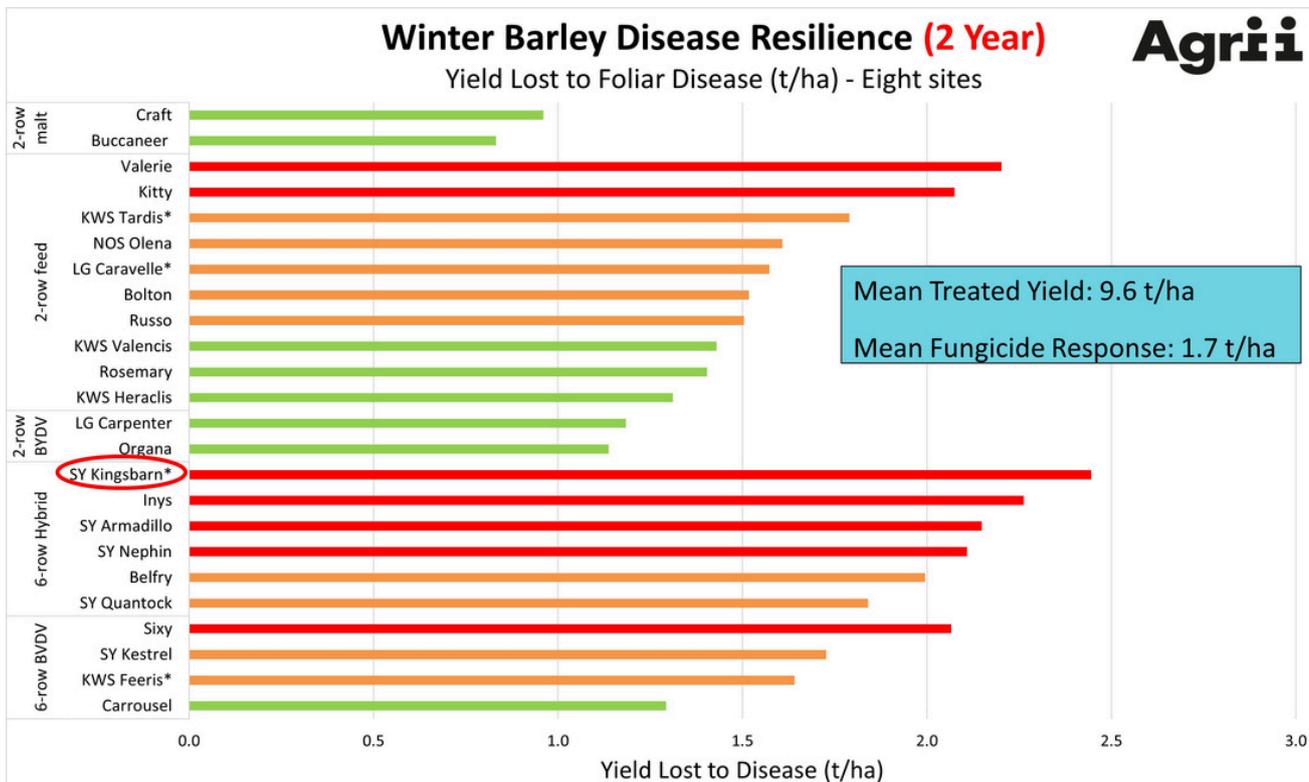
Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.  
Full RL dataset is available from AHDB at [www.ahdb.org.uk](http://www.ahdb.org.uk)

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