

# SY KESTREL



- + A 6-row hybrid with broad spectrum virus protection
- + Good all round agronomy and grass weed competitiveness

**Breeder**  
Syngenta (UK)

**Parentage:**  
Not declared

**Type/status:**  
6-row BYDV tolerant hybrid barley

**Region:**  
UK

SY Kestrel was introduced two years ago as a BYDV tolerant hybrid with broad spectrum activity against the RPV, PAV and MAV strains of the virus. It sits at 103% treated, 84% untreated with a relatively low specific weight (69.1 kg/hl) and screening losses. It yielded at the SY Kingsbarn-level in Agrii trials over the past two years (99% treated, 73% untreated).

SY Kestrel shows good straw characteristics with good stem stiffness (7 treated, 8 untreated), medium lodging risk and moderate resistance to brackling. It has average straw height compared with other hybrids (106 cm treated, 115 cm untreated) and medium-early maturity (-1).

It has a good all-round disease package which is especially useful for September sowing in the south with ratings for *Rhynchosporium* (RL 7; Agrii 7), net blotch (RL 6; Agrii 6), mildew (RL 7; Agrii 7) but weaker against brown rust (RL 6; Agrii 4). The good disease scores are reflected in high untreated yields (84%). In addition to BYDV tolerance, SY Kestrel also offers tolerance to wheat dwarf virus, which is becoming an increasing threat.

## Agrii yield and grain quality - Agrii 2 years only

National fungicide treated yield (% controls)	99.2
National fungicide untreated yield (% controls)	84
National specific weight	61.4

## Yield and grain quality - AHDB RL candidate List

UK fungicide treated yield (% controls)	103.1
East fungicide treated yield (% controls)	102
West fungicide treated yield (% controls)	[104]
North fungicide treated yield (% controls)	104
Untreated yield (% treated controls)	84
Specific weight (kg/hl)	69.1
Screenings through 2.25mm (%)	1.4
Screenings through 2.5mm (%)	4.5

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

Mildew resistance (1-9)	7	7
Brown rust resistance (1-9)	6	4
<i>Rhynchosporium</i> resistance (1-9)	7	TNC
Net blotch resistance (1-9)	6	[6]
Barley mosaic virus resistance	Yes (strain 1 only)	
Barley yellow dwarf virus tolerance	Yes	
Barley dwarf virus tolerance	Yes	

## Agronomic characteristics, [ ] = limited data red = Agrii data

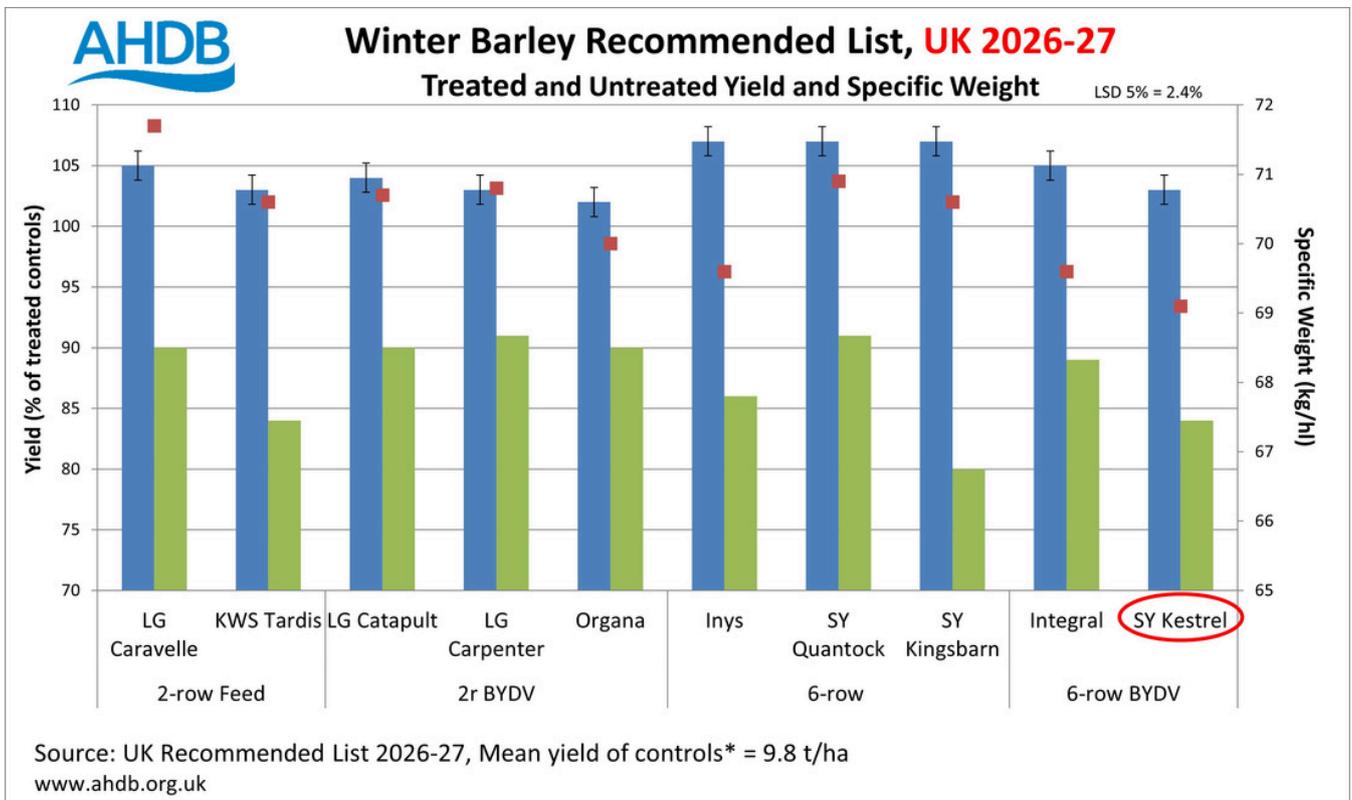
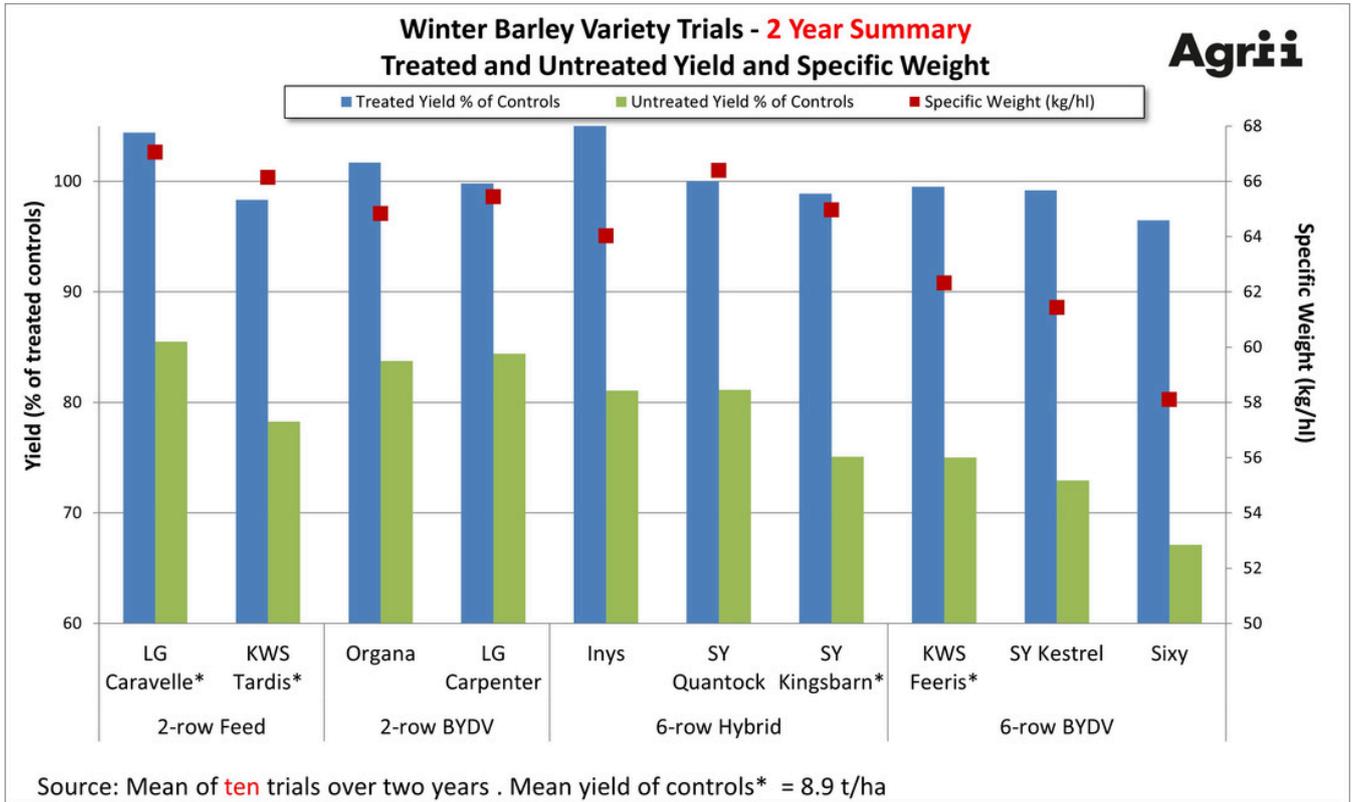
AHDB lodging (PGR U/T)	[8]
AHDB lodging (PGR treated)	7
AHDB brackling (PGR treated) (%)	11 MR
Agrii lodging risk rating (PGR treated)	Medium
Straw height (no PGR) (cm)	115
Maturity (days +/- KWS Orwell) early/med/late	-1 M/E

## Other information, TNC = testing not complete

Current disease 'resilience'	Low
Grassweed competitiveness	TNC
AHDB treated yields on light soils (% controls)	104
AHDB treated yields on heavy soils (% controls)	101
SRUC Scottish RL Status	P2
<b>Total Variety Sustainability Rating</b>	<b>High</b>

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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