

# KWS TARDIS



- + Continues to be a widely grown 2-row variety in the UK
- + Consistent high yields with tall stiff straw

## Breeder

KWS UK

## Parentage:

11-12 X KWS Orwell

## Type/status:

2-Row feed

## AHDB regional

## recommendation:

UK

KWS Tardis remains a significant variety in the UK and the second most widely grown. It is liked by growers for its consistently high yields in Agrii trials (100% treated, 79% untreated), reasonable specific weight (70.6 kg/hl) and very stiff straw. Suitable for all regions and soils with particularly strong performance on heavy soils (105%) in official trials.

Relatively tall straw (86 cm treated, 95 cm untreated), stiff straw (8 treated, 8 untreated) and good brackling resistance. Like most 2-row varieties, KWS Tardis has shown relatively poor grassweed competitiveness in Stow Longa trials. Medium-early maturity in Agrii trials.

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

### Agrii yield & grain quality - 3 yr mean

National fungicide treated yield (% controls)	101.8
National specific weight (kg/hl)	66.6

### AHDB yield and grain quality

UK fungicide treated yield (% controls)	102.8
East fungicide treated yield (% controls)	103
West fungicide treated yield (% controls)	101
North fungicide treated yield (% controls)	103
Untreated yield (% treated controls)	84
Specific weight (kg/hl)	70.6
Screenings through 2.25mm (%)	1.9
Screenings through 2.5mm (%)	5.4

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

Mildew resistance (1-9)	5	4
Brown rust resistance (1-9)	6	4
Rhynchosporium resistance (1-9)	6	7
Net blotch resistance (1-9)	5	6
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 untreated) (1-9)	8
AHDB lodging resistance (PGR treated) (1-9)	8
Agrii lodging risk rating when PGR treated	Lower
% Brackling	7 R
Straw height (no PGR) (cm)	95
Straw height (with PGR) (cm)	86
Maturity (days +/- KWS Orwell) early/med/late	0 M

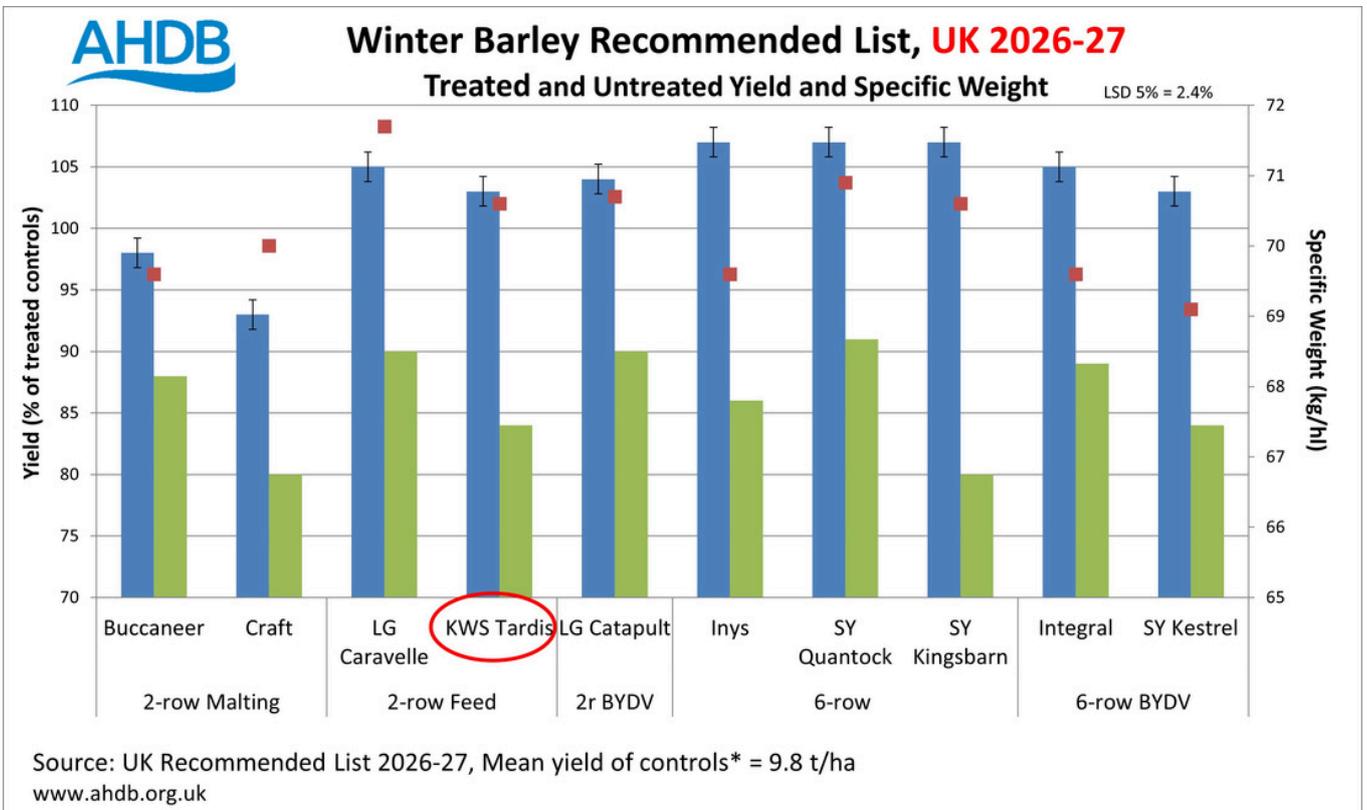
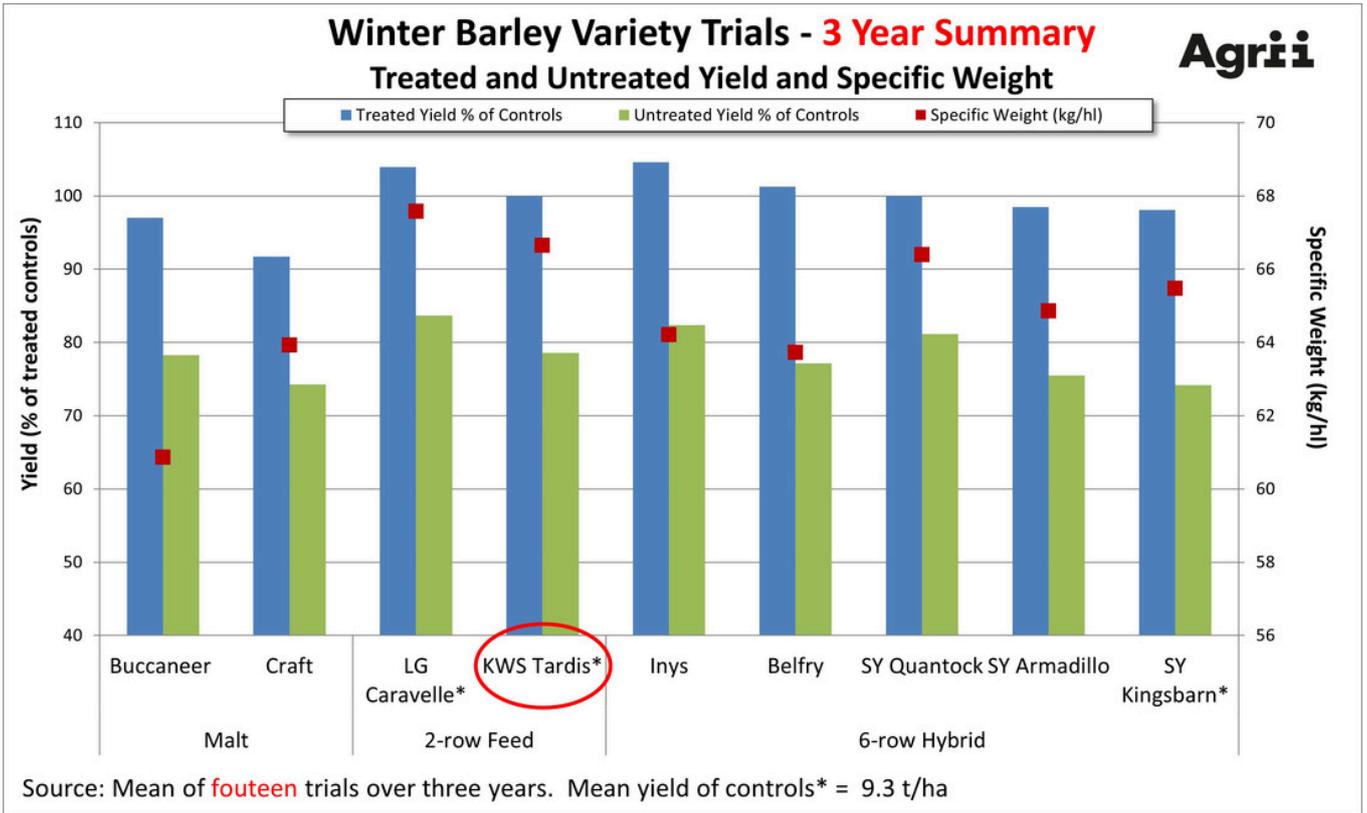
### Agrii intelligence - complementary information

Current disease 'resilience'	Low
Grassweed competitiveness	**
AHDB treated yields on light soils (% controls)	103
AHDB treated yields on heavy soils (% controls)	105
SRUC Scottish RL Status 2022/23	Outclassed
<b>Total Variety Sustainability Rating</b>	<b>Medium</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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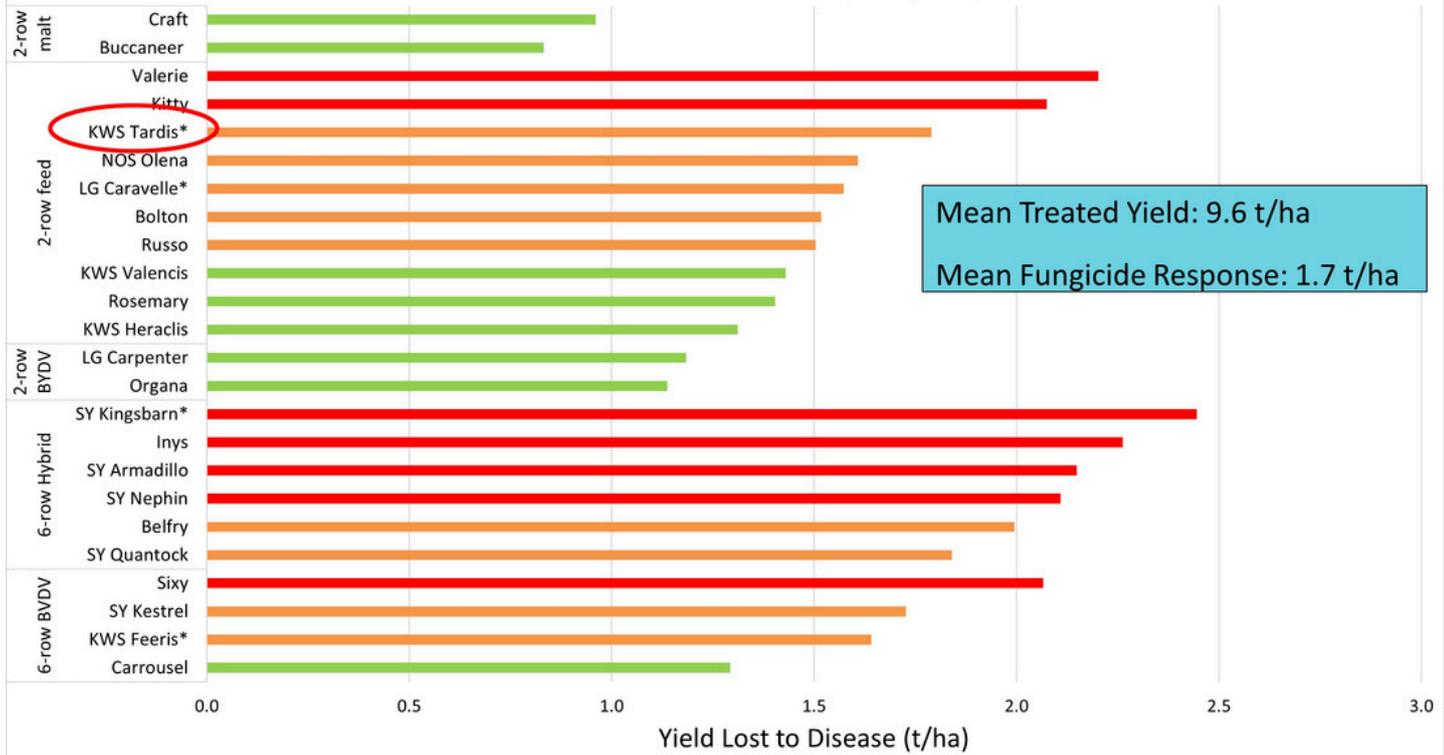
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## Winter Barley Disease Resilience (2 Year)



Yield Lost to Foliar Disease (t/ha) - Eight sites



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