

# KWS TARDIS (11-12 X KWS Orwell)

## 2-ROW WINTER FEED BARLEY



- ✦ The highest yielding 2-row variety on the RL
- ✦ Tall with stiff straw but disease resistance package is mixed

- ✦ The highest yielding variety (106% treated, 83% untreated) on the Recommended List, and high specific weight (69.1 kg/hl). However, it only showed mid-tier performance (98% treated, 86% untreated, 66 kg/hl) in Agrii trials in 2020.
- ✦ Suitable for all regions with particularly strong performance on heavy soils (110%) in official trials. Relatively tall (92 cm untreated, 86 cm treated), stiff straw (8) and medium maturity. Its grassweed competitiveness is still being evaluated at Stow Longa.
- ✦ Slightly better mildew (6) resistance in Agrii trials compared with the official rating but significantly weaker against brown rust (3). Excellent resistance against *Rhynchosporium* (7, official) and average net blotch (5) resistance. Resistant to Barley Yellow Mosaic Virus.
- ✦ BREEDER: KWS UK

AHDB Region (Agrii)	UK	
Agrii Yield & Grain Quality - Agrii 3 Year Mean, Blue = 2 year		
National Fungicide Treated Yield (% ctrls)	2020 trials only	
National Specific Weight (kg/hl)		
AHDB Yield & Grain Quality - AHDB RL 2021/22 [ ] = Limited data		
UK Fungicide Treated Yield (% ctrls)	106.0	
East Fungicide Treated Yield (% ctrls)	107	
West Fungicide Treated Yield (% ctrls)	[105]	
North Fungicide Treated Yield (% ctrls)	105	
Untreated yield (% treated ctrls)	83	
Specific weight (kg/hl)	69.1	
Screenings through 2.25mm (%)	2.2	
Screenings through 2.5mm (%)	7.2	
Disease Ratings - AHDB 2021/22 RL, Red = Agrii data [ ] = limited		
Mildew resistance (1-9)	5	[6]
Brown Rust resistance (1-9)	6	3
<i>Rhynchosporium</i> resistance (1-9)	7	TNC
Net Blotch resistance (1-9)	[5]	[5]
Barley Mosaic Virus resistance	Yes	
Barley Yellow Dwarf Virus tolerance	No	
Agronomic Characters - AHDB 2021/22 RL data, Red = Agrii data		
AHDB Lodging Resistance (PGR Trt & U/T) (1-9)	8	
Agrii lodging risk rating (PGR treated)	[Lower]	
Straw height (no PGR) (cm)	[92]	
Straw height (with PGR) (cm)	86	
Maturity (days +/- KWS Orwell) (Early/Med./Late)	0	[M]
Agrii Intelligence - Complementary Information [ ] = limited data,		
Current disease "resilience"	[Low]	
Grassweed competitiveness	TNC	
SRUC Scottish RL Status 2021/22	P1	

Full RL dataset is available from AHDB at [www.ahdb.org.uk/rl](http://www.ahdb.org.uk/rl)

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