

KWS ORWELL (TOWER X SALSA)

2-ROW WINTER FEED BARLEY



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- ✦ Relatively short, stiff straw and good disease resistance

- ✦ The most widely grown two-row feed barley with very good disease and brackling resistance. Mid-ranking in yield (100% treated, 84% untreated) in Agrii trials over the past three years and a good specific weight (68.1 kg/hl, AHDB).
- ✦ Suitable for all regions and soil types. Relatively short straw (86 cm treated, 89 cm untreated) and excellent stem stiffness (8). Less competitive against grassweeds compared with California or hybrids but similar to the other two-row feed varieties. Medium-late maturity.
- ✦ Reasonable disease resistance against *Rhynchosporium* (6, official), net blotch (6) and brown rust (5) but relatively weak on mildew (3) so the latter needs monitoring and spraying for. 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)	100.3	
National Specific Weight (kg/hl)	66.5	
AHDB Yield & Grain Quality - AHDB RL 2021/22 [] = Limited data		
UK Fungicide Treated Yield (% ctrls)	102.0	
East Fungicide Treated Yield (% ctrls)	102	
West Fungicide Treated Yield (% ctrls)	102	
North Fungicide Treated Yield (% ctrls)	101	
Untreated yield (% treated ctrls)	80	
Specific weight (kg/hl)	68.1	
Screenings through 2.25mm (%)	2.1	
Screenings through 2.5mm (%)	6.3	
Disease Ratings - AHDB 2021/22 RL, Red = Agrii data [] = limited		
Mildew resistance (1-9)	3	3
Brown Rust resistance (1-9)	7	5
<i>Rhynchosporium</i> resistance (1-9)	6	TNC
Net Blotch resistance (1-9)	5	6
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)	89	
Straw height (with PGR) (cm)	86	
Maturity (days +/- KWS Orwell) (Early/Med./Late)	0	M/L
Agrii Intelligence - Complementary Information [] = limited data,		
Current disease "resilience"	Low	
Grassweed competitiveness	**	
SRUC Scottish RL Status 2021/22	Recommended	

Full RL dataset is available from AHDB at www.ahdb.org.uk/rl

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