

Spring oat varieties grown in RL trials in 2024 but not added to the AHDB Recommended List

	WPB Isabel	Canyon	WPB 15W964-01
	Control varieties		Husked varieties
UK yield (% treated control)			
Fungicide-treated (7.5 t/ha)	100	100	98
Untreated (% of treated control, 7.5 t/ha)	86	93	[84]
Disease resistance			
Mildew (1–9)	5	8	4
Crown rust (1–9)	5	4	4
Agronomic features			
Resistance to lodging without PGR (1–9)	7	7	-
Straw length without PGR (cm)	110	111	[111]
Ripening (days +/- WPB Isabel)	0	-2	-1
Grain quality			
Kernel content (%)	72.8	71.5	73.8
Specific weight (kg/hl)	53.6	51.6	52.3
Screenings (% through 2.0 mm)	1.9	2.7	2.1
Screenings (% through 1.8 mm)	-	-	-
Annual treated yield (% control)			
2020 (6.4 t/ha)	[99]	[101]	-
2021 (8.0 t/ha)	[100]	[100]	-
2022 (7.9 t/ha)	[99]	[101]	[101]
2023 (7.4 t/ha)	[102]	[98]	[104]
2024 (8.0 t/ha)	[100]	[100]	[91]
Breeder/UK contact			
Breeder	Wier	Nord	WPB
UK contact	KWS	SU	KWS

This table should be read in conjunction with the spring oat RL 2025.

On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

[] = Limited data

PGR = Plant growth regulator

LSD = Least significant difference

Average LSD (5%): Varieties that are more than one LSD apart are significantly different at the 95% confidence level

KWS = KWS UK (kws-uk.com)

Nord = Nordsaat, Germany (nordsaat.de)

SU = Saaten Union UK (saaten-union.co.uk)

Wier = Wiersum BV, Netherlands

WPB = Wiersum Plant Breeding