



Winter Cereals Variety Guide 2023

Technical information to help you select
the right winter cereals variety

WELCOME TO THE 2023 NICKERSON WINTER CEREALS VARIETY GUIDE

This document provides technical information not usually available on the AHDB Recommended List, and the key strengths and benefits of our winter cereals varieties.

We have a broad portfolio of exciting winter cereals varieties - each with different characteristics and attributes.

We're always here to help. Please contact your local Nickerson Seed Specialist for more information or questions.

The Nickerson Sales Team

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Trials Day Survey Results

In Spring 2023, Limagrain asked growers for their thoughts about Arable Trials Days. The overwhelming response was that growers value regional trials days and select varieties based on what they see and learn from them.

Does a regional variety trial provide you with more relatable information about a variety than a national event?



Would you select a variety from what you have seen and/ or learned at a variety trial?



GROWTH PROMOTING AGENT

Growth Promoting Agent aids rapid germination and good establishment, perfectly complementing the high vigour and high germination standards of Nickerson Original Seed.

The GPA consists primarily of phosphite and potash. Phosphite is important in early plant growth, influencing emergence and establishment through improving root development and tillering.

Most cereal seed has enough phosphate to support early plant development for up to 14 days, and the GPA supplements this, giving increased root and shoot biomass. This enables the young plant to source nutrients from the soil more effectively, especially in the first few weeks of growth when up to 15% of total phosphate uptake occurs.

Benefits include:

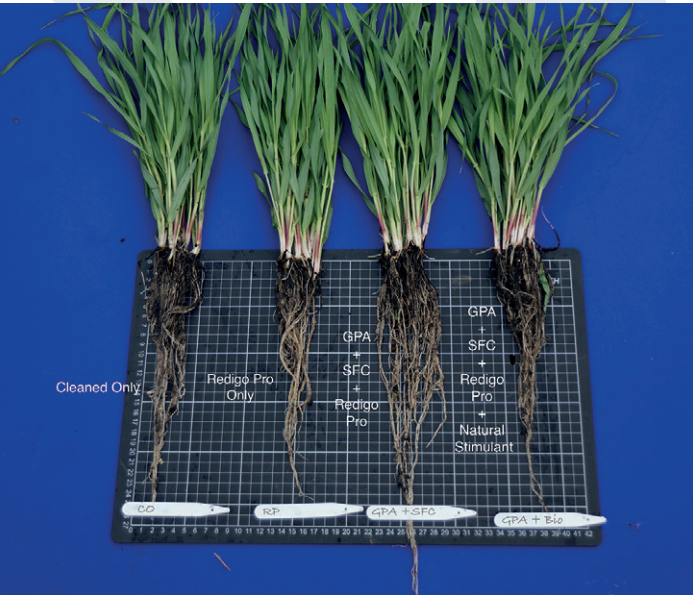
- Even crop establishment
- Larger roots and shoots
- Reduced stress in difficult conditions
- Improved yield and performance

SEED FILM COATING

Seed film coating is a technique that forms a polymer film around the seed, in which a range of conventional and innovative seed treatments can be carried.

Benefits include:

- Precise and even application of seed treatment
- Accurate drilling and even establishment
- Controlled release of any seed treatments
- Prevention of Phytotoxic effects on plant growth
- Higher Yields



The combination of SFC and GPA increases root biomass and improves establishment



YIELD









MARKET
OPTIONS

GRAIN
QUALITY

AGRONOMIC
CHARACTERS

DISEASE
RESISTANCE

PEDIGREE

GROUP 1	GROUP 3			GROUP 4			
 CRUSOE WINTER WHEAT	 LG ILLUMINATE WINTER WHEAT	 LG ASTRONOMER WINTER WHEAT	 LG ARKLE WINTER WHEAT	 LG SKYSCRAPER WINTER WHEAT	 LG REDWALD WINTER WHEAT	 LG TYPHOON WINTER WHEAT	 LG BEOWULF WINTER WHEAT
AHDB RL 2023/24	AHDB RL 2023/24	AHDB RL 2023/24	WW Trials Harvest 2023	AHDB RL 2023/24	AHDB RL 2023/24	AHDB RL 2023/24	WW Trials Harvest 2023
Recommended	Recommended	Recommended	*Candidate	Recommended	Recommended	Recommended	*Candidate
96	100	99	103	103	107	101	106
96	100	99	104	103	107	101	107
97	100	99	(102)	103	109	100	(106)
94	100	97	(103)	102	(103)	101	(107)
76	87	88	87	86	92	92	92
✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
✓✓	✓✓	✓✓	✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Consistent yield performance across 11 years on the RL	Consistent high yield performance across seasons and regions	Consistent yield performance across all regions of the UK, with excellent agronomic security	A potential new biscuit wheat with good consistent yield performance across all regions of the UK	One of the most consistent, high yielding wheats available - with proven performance over seasons and regions	The highest yielding wheat on the RL - showing very high yield potential across seasons and regions	High yield potential variety which has shown consistency across all regions and seasons	Very high yield potential variety which has shown consistency across all regions and seasons
Y	-	-	-	-	-	-	-
-	Y	Y	(Y)	-	-	-	-
-	(Y)	(Y)	(Y)	(Y)	(Y)	-	-
ukp	uks	-	(uks)	-	-	-	-
Hard	Soft	Soft	Soft	Soft	Soft	Hard	Hard
12.5	11.5	11.5	10.8	11.2	11.1	11.0	11
279	262	245	279	227	172	183	290
78.5	77	78.2	77.1	77.3	75.5	77.1	78.6
6	(6)	(6)	-	6	(6)	(5)	-
Genetically high protein content, making it a favourite with growers and millers	Group 3 biscuit variety with full range of markets including uks	Group 3 biscuit which meets specification for distilling and has very good specific weight	Potential Group 3 biscuit with specifications for distilling and export opportunities	Soft feed variety with distilling and additional end use market premiums	Soft feed variety with specifications for the distilling market	A hard Group 4 with grain quality acceptable for the feed market	A hard Group 4 with excellent grain quality for the feed market
Mid	Early/Mid	Early/Mid	Mid/Late	Mid/Late	Mid/Late	Early/Mid	Mid/Late
End Jan	((Mid Feb))	((Mid Feb))	((Mid Feb))	End Jan	End Jan	((Mid Feb))	((Mid Feb))
Medium/Fast	Medium	Medium	Medium	Medium/Fast	Medium/Slow	Slow	Medium
8	7	7	2%	6	(5)	7	0%
7	7	9	3%	6	5	7	0%
82	83	88	97	92	94	87	91
75	76	79	-	83	89	78	-
+1	+1	+1	+1	0	+2	+1	+2
7	5	4	8	7	6	6	8
9	7	9	9	7	7	9	9
3	6	8	5	5	6	6	5
6.2	5.8	6.2	5	4.9	6.7	7.3	6
(5)	(6)	(5)	3	(6)	(6)	(6)	7
7	6	6	-	6	6	6	-
-	R	R	R	R	R	R	R
Short, stiff straw combined with good YR and ST disease resistance (BR requires monitoring)	Good agronomics suited to the earlier drilling situations in the north	One of the most complete agronomic packages available on the RL, with excellent resistance to the Rusts	Candidate biscuit variety with good yield potential and additional end market opportunities. SBWMV tolerant	Taller variety with quicker speed of development in the spring - ideal for later sowing, second wheat or the blackgrass situation	Taller large biomass variety that will require a targeted PGR programme. Variety of consideration for the second wheat or blackgrass situation	Excellent agronomic package including solid YR and Septoria resistances. A variety for consideration for the earlier drilling and direct drilled, wider row situation	Good agronomic package, combining stiff straw, good disease resistances, including OWBM resistance, and excellent grain attributes
Cordiale x Gulliver	(Cougar x KWS Kielder) x Revelation	(Cougar x Leeds) x Britannia	(Dickens x LG Sundance) x Dickens	(Cassius x NAWW29) x KWS Santiago	LG Sundance x LG Generation	Garrus x LGW88	Gleam x Costello



CRUSOE

BREEDERS REFERENCE: NAWW25 TRIAL STATUS: UK RECOMMENDED PARENTAGE: CORDIALE X GULLIVER

The benchmark Group 1 with the highest protein content available

WINTER WHEAT

KEY STRENGTHS



- Consistent Group 1 milling wheat - widely used and relied on by millers
- Excellent disease resistance with 9 for Yellow Rust and 6.2 for Septoria tritici
- Very good grain quality with a high stable Hagberg
- Short, stiff strawed variety
- Meets the specification for UK breadmaking and *ukp* for export

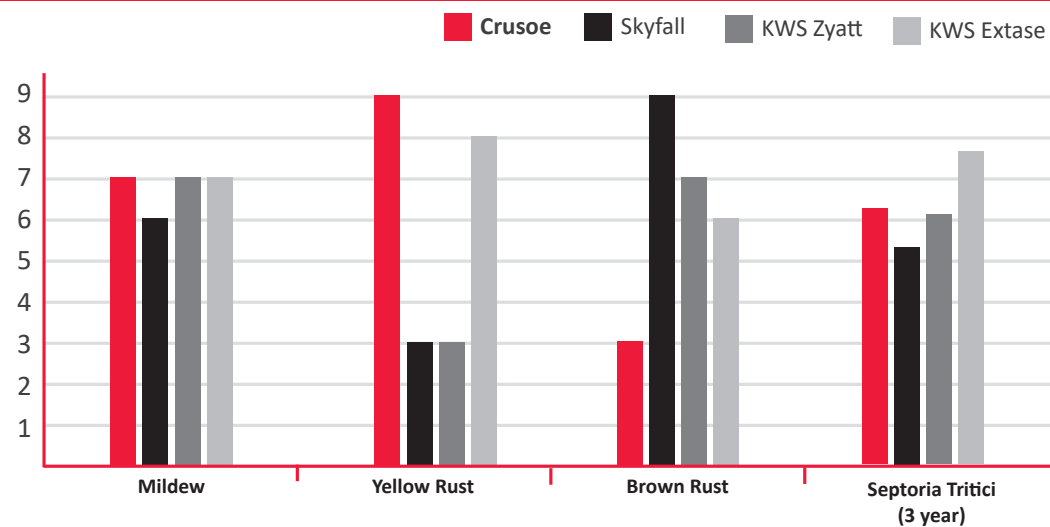
UKFM
GROUP 1



ukp

	CRUSOE	Skyfall	KWS Zyatt	KWS Extase
YIELD (% of treated control)				
UK	96	97	99	102
East	96	97	98	102
West	97	97	99	102
North	94	96	98	100
Untreated (% of treated control)	76	70	75	97

DISEASE RESISTANCE



CRUSOE

BREEDERS REFERENCE: NAWW25 TRIAL STATUS: UK RECOMMENDED PARENTAGE: CORDIALE X GULLIVER

The benchmark Group 1 with the highest protein content available

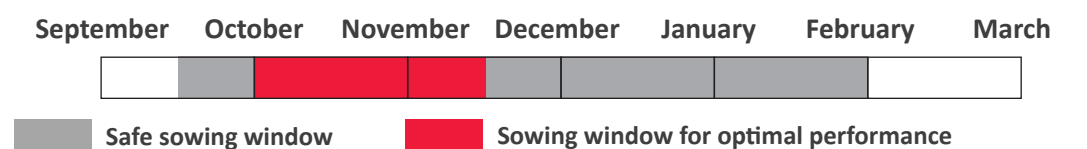
WINTER WHEAT

AGRONOMIC PROFILE

Lodging Resistance (+PGR)	7
Lodging Resistance (-PGR)	8
Plant Height (-PGR)	82 cm
Days to Ripening (+/- Skyfall)	0 +1
Tillering Capacity*	6
Spring Plant Development* (1=v. erect, 9=prostrate)	3
Suitability to Early Drill* (1=not suited)	5
Suitability to Late Drill* (1=not suited)	5.5
Suitability as 2 nd Cereal* (1=not suited)	6.5

	CRUSOE	Skyfall	KWS Zyatt	KWS Extase
GRAIN QUALITY				
Specific Weight (kg/hl)	78.5	79.2	78.4	79.4
Protein Content (%) Milling Spec	12.5	12.0	12.0	11.7
Hagberg Falling Number	279	290	271	294
Resistance to Sprouting (1-9)	6	6	6	6

SOWING WINDOW



All data is from the AHDB Recommended List 2023/24 database. See <https://ahdb.org.uk/rl> for full dataset. On the 1-9 scales, high figures indicate that the variety shows the character to a high degree. () = limited data. Agronomic features marked with * are breeders perspective.



LG ASTRONOMER

BREEDERS REFERENCE: LGWU 143 TRIAL STATUS: UK RECOMMENDED PARENTAGE: (COUGAR X LEEDS) X BRITANNIA

One of the most complete agronomic packages available in a winter wheat variety, combined with market opportunities for biscuit and distilling

KEY STRENGTHS

Exceptional all-round agronomic package

Excellent disease resistance, with 9 for yellow rust and a 6.2 for Septoria tritici

High Specific Weight of 78.2 kg/hl

Good agronomic attributes and performance for the earlier drilling slot

Biscuit variety with a number of market opportunities



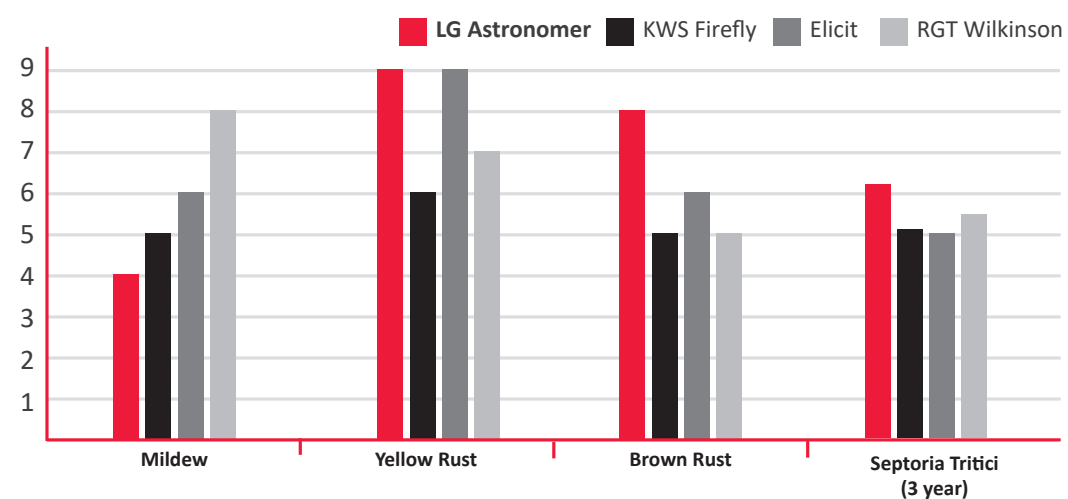
UKFM
GROUP 3



OWBM

	LG ASTRONOMER	KWS Firefly	Elicit	RGT Wilkinson
YIELD (% of treated control)				
UK	99	100	98	101
East	99	100	98	102
West	99	99	97	101
North	97	99	99	(100)
Untreated (% of treated control)	88	80	82	87

DISEASE RESISTANCE



LG ASTRONOMER

BREEDERS REFERENCE: LGWU 143 TRIAL STATUS: UK RECOMMENDED PARENTAGE: (COUGAR X LEEDS) X BRITANNIA

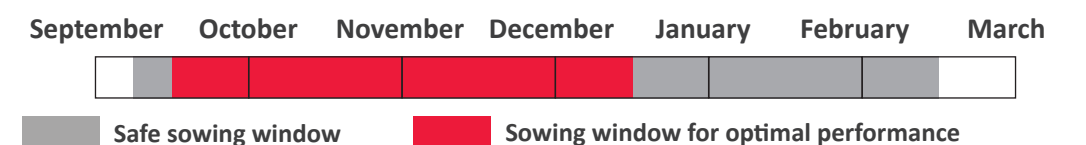
One of the most complete agronomic packages available in a winter wheat variety, combined with market opportunities for biscuit and distilling

AGRONOMIC PROFILE

Lodging Resistance (+PGR)	9
Lodging Resistance (-PGR)	7
Plant Height (-PGR)	88 cm
Days to Ripening (+/- Skyfall)	0 +1
Tillering Capacity*	7
Spring Plant Development* (1=v. erect, 9=prostrate)	7
Suitability to Early Drill* (1=not suited)	7.5
Suitability to Late Drill* (1=not suited)	6.5
Suitability as 2 nd Cereal* (1=not suited)	6

	LG ASTRONOMER	KWS Firefly	Elicit	RGT Wilkinson
GRAIN QUALITY				
Specific Weight (kg/hl)	78.2	76.1	77.1	75.4
Protein Content (%)	11.5	11.5	11.4	11.2
Hagberg Falling Number	245	248	227	264
Resistance to Sprouting (1-9)	(6)	5	5	(5)

SOWING WINDOW



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LG ILLUMINATE

BREEDERS REFERENCE: LGWU 144 TRIAL STATUS: UK RECOMMENDED PARENTAGE: (COUGAR X LEEDS) X BRITANNIA

Consistent yield performance across seasons, offering a full range of market opportunities

WINTER WHEAT

KEY STRENGTHS

Group 3 biscuit wheat which meets specification for distilling & uks export market

Well suited to earlier drilling

Consistent high yield potential across regions & farm situations

Good disease resistance profile plus OWBM resistance

Good agronomics suited for the earlier drilling scenario in the north



UKFM
GROUP 3

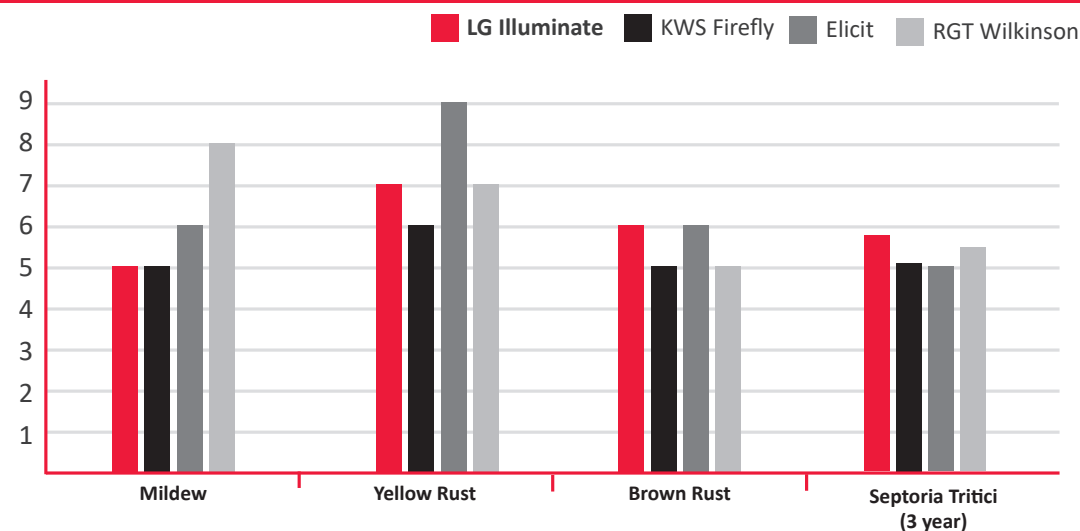


OWBM

uks

	LG ILLUMINATE	KWS Firefly	Elicit	RGT Wilkinson
YIELD (% of treated control)				
UK	100	100	98	101
East	100	100	98	102
West	100	99	97	101
North	100	99	99	(100)
Untreated (% of treated control)	87	80	82	87

DISEASE RESISTANCE



LG ILLUMINATE

BREEDERS REFERENCE: LGWU 144 TRIAL STATUS: UK RECOMMENDED PARENTAGE: (COUGAR X LEEDS) X BRITANNIA

Consistent yield performance across seasons, offering a full range of market opportunities

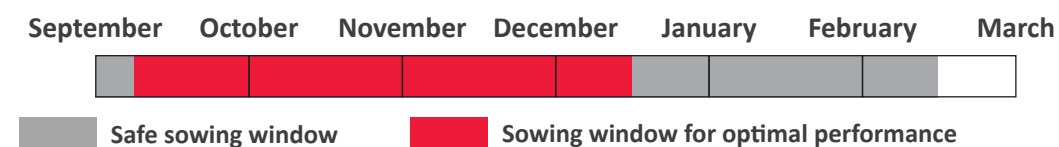
WINTER WHEAT

AGRONOMIC PROFILE

Lodging Resistance (+PGR)	7
Lodging Resistance (-PGR)	7
Plant Height (-PGR)	83 cm
Days to Ripening (+/- Skyfall)	0 +1
Tillering Capacity*	8
Spring Plant Development* (1=v. erect, 9=prostrate)	6.5
Suitability to Early Drill* (1=not suited)	9
Suitability to Late Drill* (1=not suited)	6
Suitability as 2 nd Cereal* (1=not suited)	7

	LG ILLUMINATE	KWS Firefly	Elicit	RGT Wilkinson
GRAIN QUALITY				
Specific Weight (kg/hl)	77.0	76.1	77.1	75.4
Protein Content (%)	11.5	11.5	11.4	11.2
Hagberg Falling Number	262	248	227	264
Resistance to Sprouting (1-9)	(6)	5	5	(5)

SOWING WINDOW



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LG SPOTLIGHT

BREEDERS REFERENCE: LGWU116 TRIAL STATUS: NATIONAL LISTED PARENTAGE: SCRIBE X HORATIO

A consistently high yielding soft feed wheat with exceptional grain quality and security

WINTER WHEAT

KEY STRENGTHS

Exceptional grain quality with a high specific weight & high stable hagberg

Excellent sprouting resistance

Consistent performance over seasons and regions

Additional end-markets - suitable for distilling

Taller strawed variety with good lodging resistance

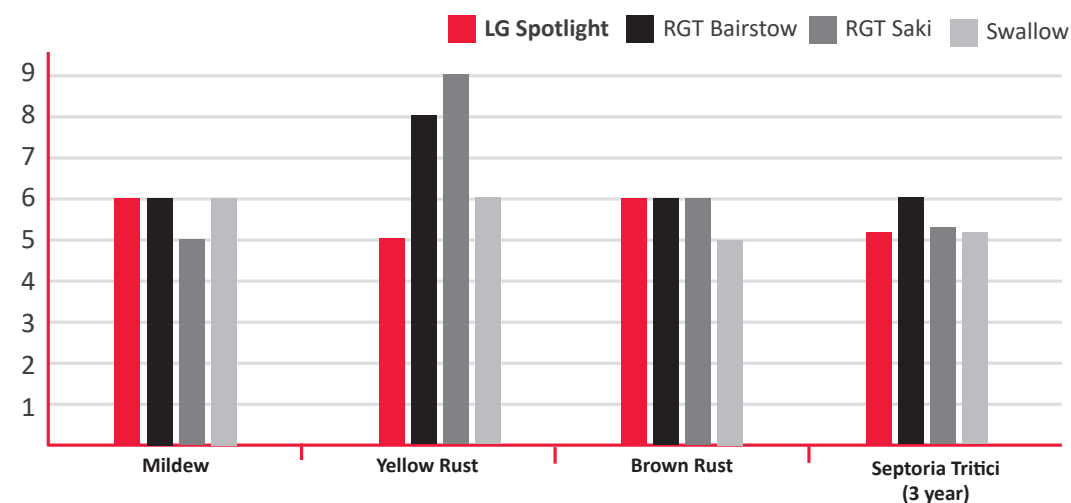
UKFM
GROUP 4



OWBM

	LG SPOTLIGHT	RGT Bairstow	RGT Saki	Swallow
YIELD (% of treated control)				
UK	102	103	102	98
East	101	103	102	98
West	103	103	101	98
North	101	103	102	101
Untreated (% of treated control)	80	87	86	80

DISEASE RESISTANCE



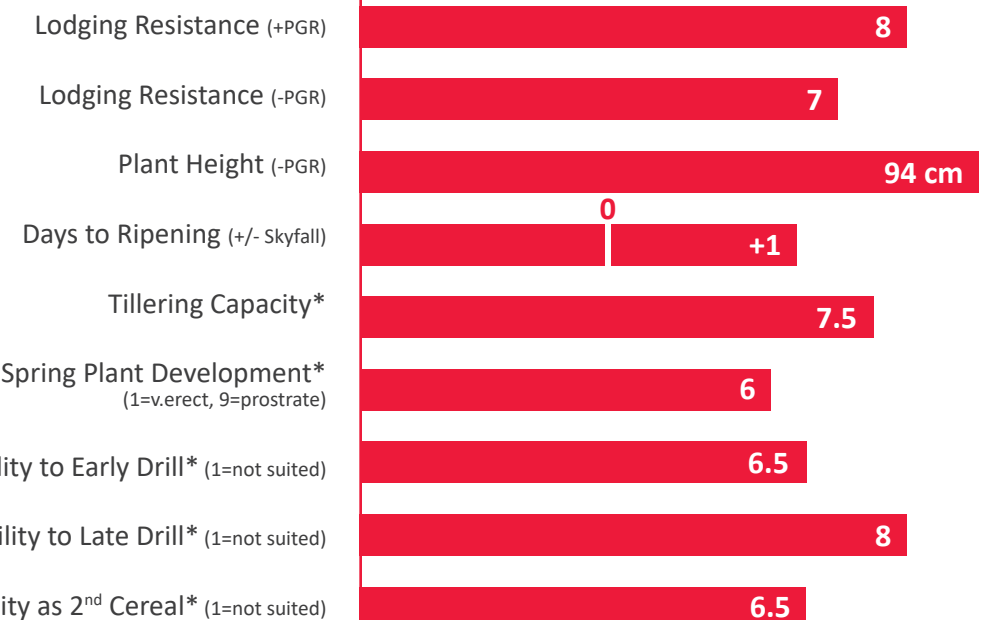
LG SPOTLIGHT

BREEDERS REFERENCE: LGWU116 TRIAL STATUS: NATIONAL LISTED PARENTAGE: SCRIBE X HORATIO

A consistently high yielding soft feed wheat with exceptional grain quality and security

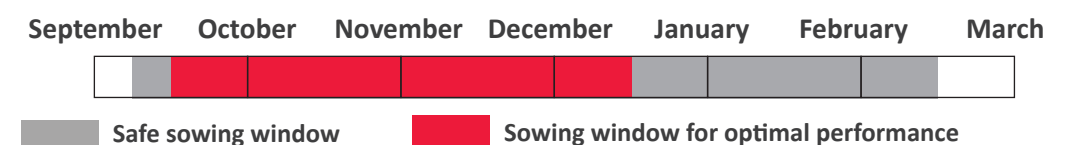
WINTER WHEAT

AGRONOMIC PROFILE



	LG SPOTLIGHT	RGT Bairstow	RGT Saki	Swallow
GRAIN QUALITY				
Specific Weight (kg/hl)	78.3	76.8	76.4	76.7
Protein Content (%)	11.1	11.1	11.2	11.1
Hagberg Falling Number	291	239	231	269
Resistance to Sprouting (1-9)	7	(6)	5	(5)

SOWING WINDOW



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LG SKYSCRAPER

BREEDERS REFERENCE: LGW123 TRIAL STATUS: UK RECOMMENDED PARENTAGE: (CASSIUS X NAWW29) X SANTIAGO

A consistently high yielding winter wheat variety with proven performance across seasons, rotational position and soil type

WINTER WHEAT

KEY STRENGTHS

- Consistent high yield performance across all situations
- Good performance in a second wheat situation
- Good agronomics suited to a blackgrass situation
- Good, bold grain quality with a high specific weight
- Widely used by distillers and in soft grists



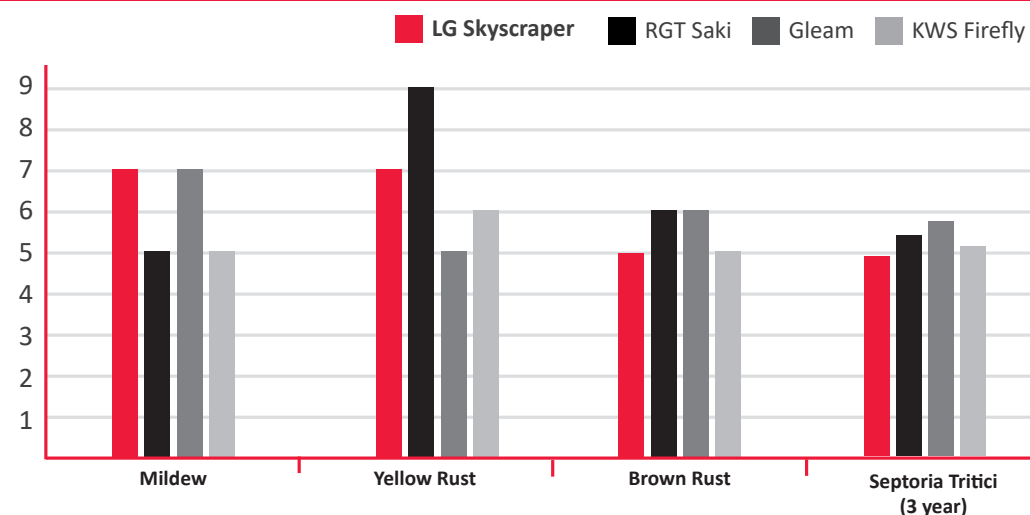
UKFM
GROUP 4



OWBM

	LG SKYSCRAPER	RGT Saki	Gleam	KWS Firefly
YIELD (% of controls)				
UK	103	102	103	100
East	103	102	103	100
West	103	101	104	99
North	102	102	103	99
Untreated (% of treated control)	86	86	84	80

DISEASE RESISTANCE



LG SKYSCRAPER

BREEDERS REFERENCE: LGW123 TRIAL STATUS: UK RECOMMENDED PARENTAGE: (CASSIUS X NAWW29) X SANTIAGO

A consistently high yielding winter wheat variety with proven performance across seasons, rotational position and soil type

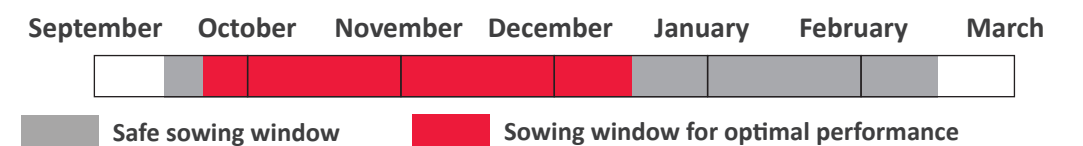
WINTER WHEAT

AGRONOMIC PROFILE

Lodging Resistance (+PGR)	6
Lodging Resistance (-PGR)	6
Plant Height (-PGR)	92 cm
Days to Ripening (+/- Skyfall)	0
Tillering Capacity*	7
Spring Plant Development* (1=v. erect, 9=prostrate)	4
Suitability to Early Drill* (1=not suited)	5
Suitability to Late Drill* (1=not suited)	8
Suitability as 2 nd Cereal* (1=not suited)	9

	LG SKYSCRAPER	RGT Saki	Gleam	KWS Firefly
GRAIN QUALITY				
Specific Weight (kg/hl)	77.3	76.4	77.3	76.1
Protein Content (%)	11.2	11.2	11.1	11.5
Hagberg Falling Number	227	231	237	248
Resistance to Sprouting (1-9)	6	5	6	5
Orange Wheat Blossom Midge	R	R	R	R

SOWING WINDOW



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LG REDWALD

BREEDERS REFERENCE: LGWU172 TRIAL STATUS: UK RECOMMENDED PARENTAGE: LG SUNDANCE X LG GENERATION

Highest yielding feed wheat variety available on the Recommended List 2023/24

WINTER WHEAT

KEY STRENGTHS



- Very high yielding across all on farm situations
- Good disease resistance profile, especially for Septoria Tritici
- Excellent second wheat performance
- Suitable for the later drilling date in a blackgrass situation
- Requires good agronomic management

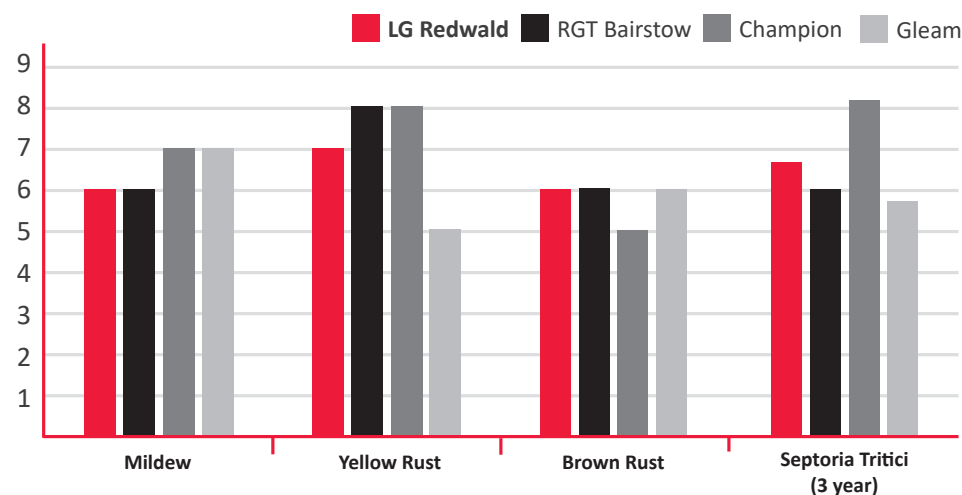
UKFM
GROUP 4



OWBM

	LG REDWALD	RGT Bairstow	Champion	Gleam
YIELD (% of control)				
UK	107	103	106	103
East	107	103	107	103
West	109	103	106	104
North	(103)	103	102	103
Untreated (% of treated control)	92	87	93	84

DISEASE RESISTANCE



LG REDWALD

BREEDERS REFERENCE: LGWU172 TRIAL STATUS: UK RECOMMENDED PARENTAGE: LG SUNDANCE X LG GENERATION

Highest yielding feed wheat variety available on the Recommended List 2023/24

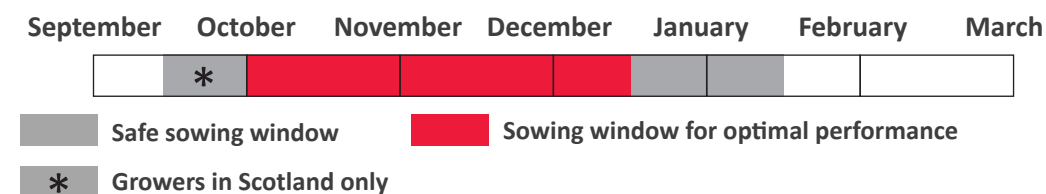
WINTER WHEAT

AGRONOMIC PROFILE

Lodging Resistance (+PGR)	5
Lodging Resistance (-PGR)	(5)
Plant Height (-PGR)	94cm
Maturity (+/- Skyfall)	0 +2
Tillering Capacity*	9
Spring Plant Development* (1=v. erect, 9=prostrate)	6
Suitability to Early Drill* (1=not suited)	5
Suitability to Late Drill* (1=not suited)	8

	LG REDWALD	RGT Bairstow	Champion	Gleam
Specific Weight (kg/hl)	75.5	76.8	75.5	77.3
Protein Content (%)	11.1	11.1	11.2	11.1
Hagberg Falling Number	172	239	251	237
Resistance to Sprouting (1-9)	(6)	(6)	(6)	6

SOWING WINDOW



For further husbandry advice on growing LG Redwald, please visit lgseeds.co.uk/lg-redwald

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LG TYPHOON

BREEDERS REFERENCE: LGWU165 TRIAL STATUS: UK RECOMMENDED PARENTAGE: GARRUS X LGW88

High yielding hard feed wheat, with a very good disease resistance profile, OWBM resistance and broad adaptability for on farm positioning

WINTER WHEAT

KEY STRENGTHS



One of the highest Septoria resistance scores available

Moderately tall strawed variety, with good straw strength

High yield combined with key agronomic characteristics for the early drilling situation

Excellent Yellow Rust combined with OWBM resistance

Variety for consideration for the wider row direct drilling re-gen situation

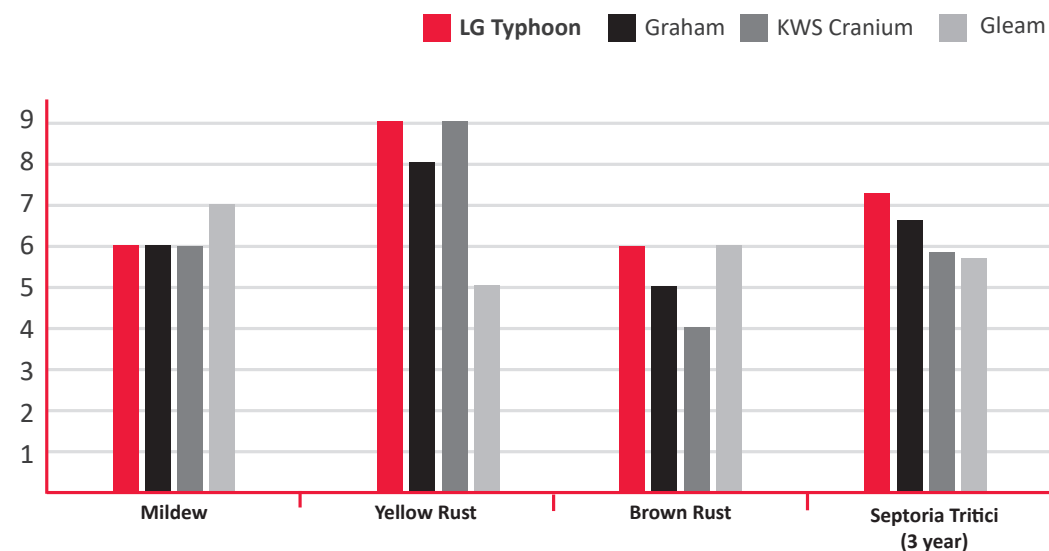
UKFM
GROUP 4



OWBM

	LG TYPHOON	Graham	KWS Cranium	Gleam
YIELD (% of treated control)				
UK	101	102	102	103
East	101	101	103	103
West	100	105	101	104
North	101	102	102	103
Untreated (% of treated control)	92	93	82	84

DISEASE RESISTANCE



LG TYPHOON

BREEDERS REFERENCE: LGWU165 TRIAL STATUS: UK RECOMMENDED PARENTAGE: GARRUS X LGW88

High yielding hard feed wheat, with a very good disease resistance profile, OWBM resistance and broad adaptability for on farm positioning

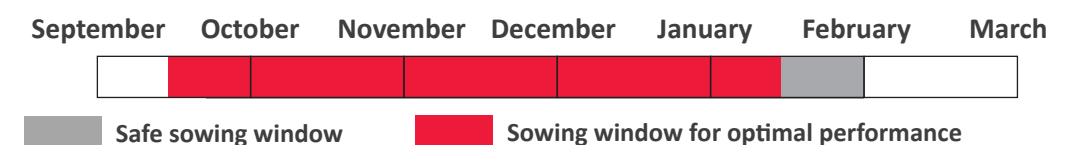
WINTER WHEAT

AGRONOMIC PROFILE

Lodging Resistance (+PGR)	7
Lodging Resistance (-PGR)	7
Plant Height (-PGR)	87 cm
Maturity (+/- Skyfall)	0 +1
Tillering Capacity*	8
Spring Plant Development* (1=v. erect, 9=prostrate)	8
Suitability to Early Drill* (1=not suited)	8
Suitability to Late Drill* (1=not suited)	6.5
Suitability as 2 nd Cereal* (1=not suited)	8

	LG TYPHOON	Graham	KWS Cranium	Gleam
GRAIN QUALITY				
Specific Weight (kg/hl)	77.1	77.6	75.8	77.3
Protein Content (%)	11.0	11.1	11.1	11.1
Hagberg Falling Number	183	281	293	237
Resistance to Sprouting (1-9)	(5)	6	(6)	6

SOWING WINDOW



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LG BEOWULF

BREEDERS REFERENCE: LGWU182 TRIAL STATUS: UK CANDIDATE
PARENTAGE: COSTELLO X GLEAM

Exciting, highest yielding candidate variety with sound agronomic attributes desirable for the hard feed wheat sector

WINTER WHEAT

KEY STRENGTHS

AHDB
CANDIDATE

High yielding hard feed wheat

Consistent performance over seasons and regions

Good agronomic profile

High specific weight

OWBM Resistant

AGRONOMIC PROFILE

Tillering Capacity*

Spring Plant Development*
(1=v. erect, 9=prostrate)

Suitability to Early Drill*
(1=not suited)

Suitability to Late Drill*
(1=not suited)

Suitability as 2nd Cereal*
(1=not suited)

7

5

6

8

6

UKFM
GROUP 4

OWBM

SOWING WINDOW

SeptemberOctoberNovemberDecemberJanuaryFebruaryMarch

Safe sowing window

Sowing window for optimal performance

NOTES

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LG REDRUM

BREEDERS REFERENCE: LGWU180 TRIAL STATUS: UK CANDIDATE
PARENTAGE: ELATION X GLEAM

Hard feed wheat with desirable agronomic characteristics including OWBM resistance

WINTER WHEAT

KEY STRENGTHS

AHDB
CANDIDATE

High yielding feed wheat

Short, stiff strawed variety

Good disease resistance profile

Good specific weight

Earlier maturity

AGRONOMIC PROFILE

Tillering Capacity*

Spring Plant Development*
(1=v. erect, 9=prostrate)

Suitability to Early Drill*
(1=not suited)

Suitability to Late Drill*
(1=not suited)

Suitability as 2nd Cereal*
(1=not suited)

7

5

6

8

6

UKFM
GROUP 4

OWBM

SOWING WINDOW

SeptemberOctoberNovemberDecemberJanuaryFebruaryMarch

Safe sowing window

Sowing window for optimal performance

NOTES

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LG CARAVELLE

BREEDERS REFERENCE: LGBU18-6531 TRIAL STATUS: UK RECOMMENDED PARENTAGE: LGBU11-5495-B X KWS MOSELLE

The highest yielding 2-row winter barley in every region of the 2023/24 RL

WINTER BARLEY

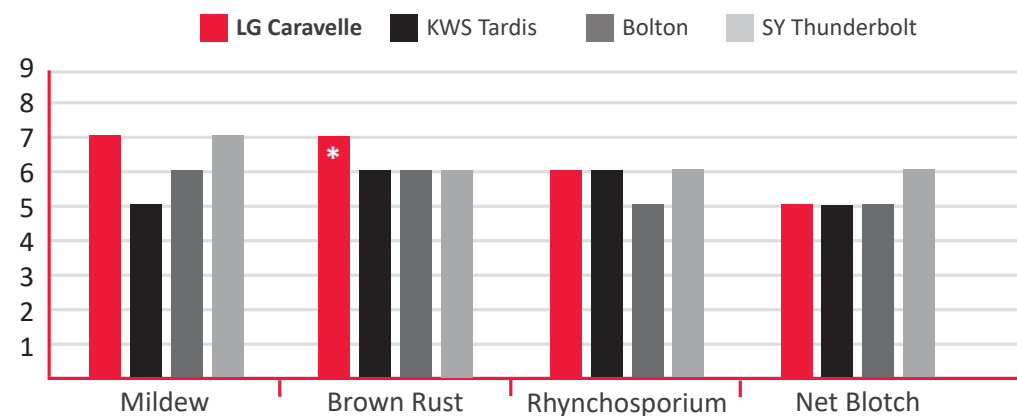
KEY STRENGTHS

- Very high yield potential across all regions of the UK
- Robust disease resistance package
- Yield comparable with hybrid varieties
- Very high specific weight and good screenings
- Own studies suggest that it has the benefit of early maturity



YIELD (% of controls)	LG CARAVELLE	KWS Tardis	Bolton	SY Thunderbolt
UK	106	103	103	106
East	109	105	105	106
West	(105)	102	101	108
North	(104)	102	102	105
Untreated (% of treated control)	89	85	86	89

DISEASE RESISTANCE



LG CARAVELLE

BREEDERS REFERENCE: LGBU18-6531 TRIAL STATUS: UK RECOMMENDED PARENTAGE: LGBU11-5495-B X KWS MOSELLE

The highest yielding 2-row winter barley in every region of the 2023/24 RL

WINTER BARLEY

AGRONOMIC PROFILE

Lodging Resistance (+PGR)	7
Lodging Resistance (-PGR)	* 7
Straw Height (-PGR)	(93) cm
Straw Height (+PGR)	85 cm
Ripening (Days +/- KWS Orwell)	0
Suitability to Light Soils* (1=not suited)	8.5
Suitability to Heavy Soils* (1=not suited)	9

	LG CARAVELLE	KWS Tardis	Bolton	SY Thunderbolt
GRAIN QUALITY				
Specific Weight (kg/hl)	71.8	70.6	69.9	70.9
Screenings (% through 2.25mm)	1.5	1.7	1.5	2.1
Screenings (% through 2.5mm)	4.3	5.2	4.7	7.5

All data is from the AHDB Recommended List 2023/24 database. See <https://ahdb.org.uk/rl> for full dataset. On the 1-9 scales, high figures indicate that the variety shows the character to a high degree. (e.g. high resistance). () = limited data. Agronomic features marked with * are breeders perspective.



LG MOUNTAIN

BREEDERS REFERENCE: LGBU14-6669

TRIAL STATUS: UK RECOMMENDED

PARENTAGE: HARLEQUIN X KWS GLACIER

High yielding 2-row feed barley with the added benefit of early maturity

WINTER BARLEY

KEY STRENGTHS

Consistent performance over all seasons

High yield potential, particularly in the north

Earlier maturity

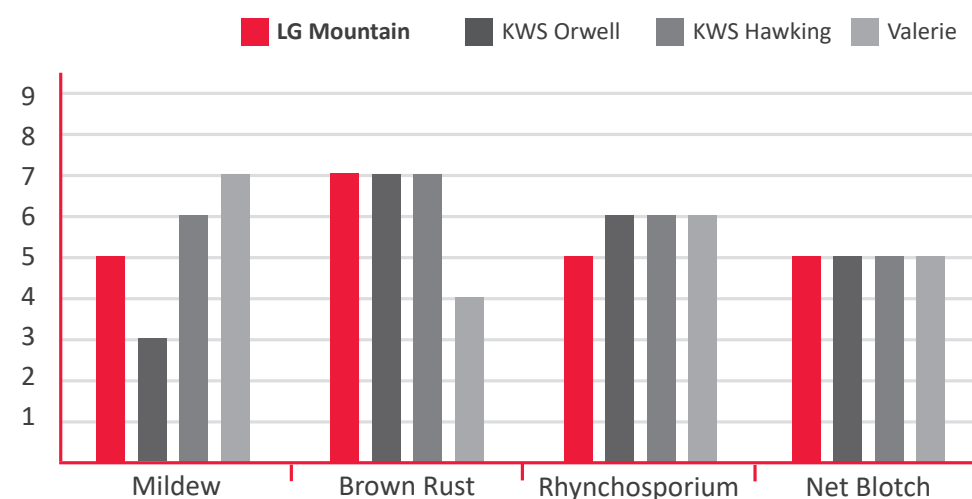
Short strawed variety with good response to PGR & fungicides

Proven performance on farm



YIELD (% of control)	LG MOUNTAIN	KWS Orwell	KWS Hawking	Valerie
UK	102	100	100	99
East	102	100	102	100
West	102	101	99	97
North	101	98	98	100
Untreated	83	82	83	78

DISEASE RESISTANCE



LG MOUNTAIN

BREEDERS REFERENCE: LGBU14 6669

TRIAL STATUS: UK RECOMMENDED

PARENTAGE: HARLEQUIN X KWS GLACIER

High yielding 2-row feed barley with the added benefit of early maturity

WINTER BARLEY

AGRONOMIC PROFILE

Lodging Resistance (+PGR)	7
Brackling (%)	22
Straw Height (- PGR)	91cm
Straw Height (+ PGR)	84cm
Ripening (+/- KWS Orwell)	-1
Suitability to Light Soils* (1=not suited)	8.5
Suitability to Heavy Soils* (1=not suited)	8.5

	LG MOUNTAIN	KWS Orwell	KWS Hawking	Valerie
GRAIN QUALITY				
Specific Weight (kg/hl)	71.1	69.3	69.8	71.2
Screenings (% through 2.25 mm)	1.9	1.8	2.0	0.8
Screenings (% through 2.5 mm)	5.8	5.5	5.9	1.9

All data is from the AHDB Recommended List 2023/24 database. See <https://ahdb.org.uk/rl> for full dataset. On the 1-9 scales, high figures indicate that the variety shows the character to a high degree. (e.g. high resistance). () = limited data. Agronomic features marked with * are breeders perspective.



LG CAPITOL

Very high yielding 2 row feed candidate variety

BREEDERS REFERENCE: LGBU18-6905-D TRIAL STATUS: UK CANDIDATE
PARENTAGE: LGBU11-5495-B X KWS MOSELLE

WINTER BARLEY

KEY STRENGTHS

Very high yield potential

Consistent high yield performance - regions/ seasons

Yields competitive with that of the hybrid varieties

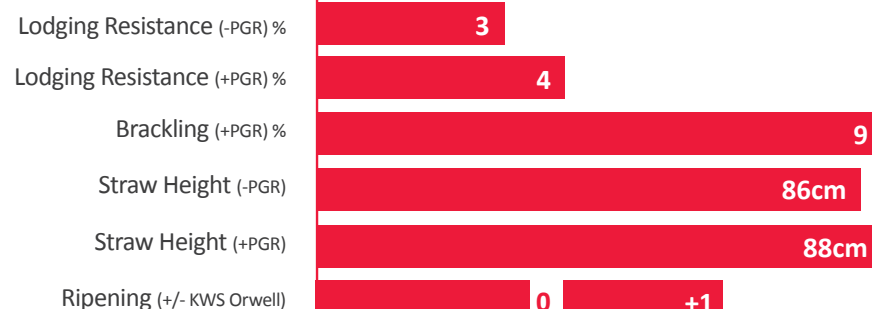
Good disease resistance profile

Large bold grain with good specific weight

AHDB

CANDIDATE

AGRONOMIC PROFILE



All data is from the AHDB Winter Barley Trials Harvest 2023 database. See <https://ahdb.org.uk/rl> for full dataset. Candidate datasets not comparable with RL datasets - this data has only been used as an indication of a variety's performance from a 2 year NL dataset. On the 1-9 scales, high figures indicate that the variety shows the character to a high degree. (e.g. high resistance). () = limited data. Agronomic features marked with * are breeders perspective.

NOTES

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