ARABLE GUIDE 2025

The Essential Guide to Oilseed Rape, Winter Wheat and Winter Barley

Limagrain

WELCOME TO THE 2025 LG ARABLE GUIDE

REFLECTIONS ON THE ARABLE MARKET GOING INTO 2025

Following the extremely difficult autumn of 2023, we had hoped for a better 2024; unfortunately it was not to be! British farmers are practiced at preparing for all eventualities, which is handy when the only consistent currently is change! Who knows what Autumn 2025 will hold?

In terms of crop choice, I am confident that the Limagrain portfolio has varieties to stand up to it!

On the back of a 11.1 million tonne wheat crop last harvest, this year's AHDB Early Bird Survey surprisingly came in at only 1.6 million hectares; in recent times, the average has been closer to 1.8. The Early Bird Survey shows further declination in winter barley, from the very small crop area planted in 2023. The decline in oilseed rape hectarage is marked, in terms of both production and area, we are approaching a fifty-year low.

We know spring cropping can be seen as a get out of jail card for arable farmers, but is there a mindset change happening? Will this impact cropping choices and varietal selection next Autumn?

Last year's growing season did not offer a very clear picture on performance of individual cereal varieties. Disease was prevalent, crops went in late and were stressed from the go. The story is clearer when comparing varieties across consecutive growing seasons.

The varieties that have demonstrated consistent resilience both in trial and on farm across the previous 3 to 4 years are the ones that I would be choosing to drill again this Autumn. Consider **LG Beowulf** or **LG Typhoon** if you are looking for wheat, with **LG Caravelle** and **LG Capitol** great contenders for barley.

With oilseed rape, the story is slightly different - though weather has of course played a significant part, it is the flea beetle that is having the greatest impact. Limagrain has listened to the concerns of growers, and through our skilled UK based breeding programme, we are actively selecting varieties that show a resilience to flea beetle, that, alongside solid IPM strategy, will work to mitigate the devastating crop loss experienced in previous years.

Dominic Spurrier

LG Commercial Manager, Limagrain UK

SCAN ME

CONTENTS

Oilseed Rape Variety Technical Information	04 - 05	A Good Start for a Good Finish	12
Oilseed Rape Varieties	06 - 13	Winter Wheat Variety Technical Information	14 - 15
The Importance of Genetic Pod Shatter Resistance	07	Winter Wheat Varieties	16 - 21
Targeting 'Balanced' Nutrition to make OSR a Success	09	Ask the Breeder	18
The Importance of Clubroot Resistance	10	Join the Rebellion	19
Turning Oilseed Rape to Liquid Gold!	11	Applying Regen Practice to Commercial Farming	20
		Winter Barley Varieties	22 - 23

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lgseeds.co.uk

Oilseed rape has long been the most successful oil crop grown in the UK. The recent decline in hectarage, as well as Britain's shift from exporter to importer, is worrying for both farmers and food security as an island nation. I strongly believe OSR still has a place within our agricultural economy, and there is no question, it remains a vital break crop on British farms.

LG has the largest OSR breeding programme in the UK. The name has become synonymous in recent years, with innovative varieties designed to meet the specific needs of British growers. Every variety we bring to the market has been tested on British farms, so we know they stand up to our unpredictable and often inhospitable conditions and threat of native pest and disease.

In my role as Product Manager, I am already collaborating with major players in the industry on vital initiatives such as the OSR reboot, ensuring the future of this important crop.

Florentina Petrescu

OSR Product Manager, Limagrain UK

Agriculture is undergoing significant changes, making the development of strong relationships with the supply chain, farmers and end-users, essential. Cereals and pulses play a crucial role in crop rotation, and I am excited to collaborate with the LG breeding, technical and commercial teams, to achieve successful results on farm.

Our goal is to ensure environmental sustainability and economic returns across the value chain.

I farm alongside my husband on a mixed arable and beef enterprise in Lincolnshire, so I appreciate the importance of maximising returns. Given the current environmental situation, and the ever changing socio-politic climate, it is vital to choose resilient varieties that meet the needs of both growers and the wider supply chain. We have curated a portfolio of future facing varieties that help farmers mitigate risk and navigate fluctuations that are beyond their control.

I really appreciate the refreshing perspective of the team at LG when it comes to breeding, trialling and marketing new varieties.

We produce farmer-focused varieties designed to thrive on British farms and always endeavour to keep the farmer at the centre of the conversation.

Heather Oldfield

Cereals & Pulses Product Manager, Limagrain UK

Limagrain

HYBRID VARIETY SELECTION GUIDE

	LG ADAPT	LG AVENGER	MAGELAN	LG ARMADA	LG ACADEMIC	LG ADELINE	ATTICA	LG WAGNER	AMBASSADOR	AURELIA
Data source	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26
Variety type	Restored Hybrid	Restored Hybrid	Restored Hybrid	Restored Hybrid	Restored Hybrid	Restored Hybrid	Restored Hybrid	Restored Hybrid	Restored Hybrid	Restored Hybrid
Status	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended
Scope of Recommendation	UK	North	East/West	UK	UK	UK	UK	North	East/West	UK
GROSS OUTPUT										
Gross output - UK (% controls)	108	104	106	105	105	105	101	101	101	101
Gross output - East/West region (% controls)	108	104	106	105	105	105	101	100	101	101
Gross output - North region (% controls)	108	[106]	[102]	105	106	107	102	105	100	102
VIGOUR										
Autumn vigour *	8	9	8	8	8	8	8.5	8	8	8
Spring vigour *	7.5	9	8	9	8.5	8.5	7	8	7.5	7
AGRONOMIC CHARACTERS										
Resistance to lodging (1-9)	[8.0]	[8.0]	[7.8]	[8.0]	[7.9]	[7.9]	[7.9]	[7.9]	7.9	7.9
Stem stiffness (1-9)	[8]	[8]	[8]	9	8	8	8	[8]	8	7
Shortness of stem (1-9)	5	5	6	6	6	6	6	6	6	6
Plant height (cm)	157	161	154	155	154	152	153	147	150	146
Earliness of flowering (1-9)	6	6	7	5	7	7	7	7	7	7
Earliness of maturity (1-9)	5	5	5	5	5	5	5	5	6	5
SEED QUALITY										
Oil content, fungicide treated (%)	46.4%	46.0%	46.3%	45.6%	45.2%	44.9%	45.1%	45.1%	44.8%	44.8%
Glucosinolate (µmoles/g of seed)	12.7	10.5	14.8	12.6	14.1	14.7	12	11.7	10.9	10.2
DISEASE RESISTANCE										
Light leaf spot (1-9)	7	7	6	7	7	7	7	7	7	7
Stem canker (1-9)	6	5	5	6	6	5	5	4	6	4
SPECIAL TRAITS										
Pod Shatter Resistance	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TuYV	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
N-FLEX	-	-	-	Y	Y	-	-	-	Y	-
Stem Health	Y	Y	Y	Y	Y	Y	Y	-	-	-
ScleroFLEX	-	Y	-	Y	-	-	-	-	-	-

All data from the AHDB Winter Oilseed Rape Recommended Lists 2025/26

*R = Resistant. [ ] = limited data. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). Agronomic features marked with * are breeders perspective. Y = variety possesses trait*

THE IMPORTANCE OF GENETIC POD SHATTER RESISTANCE

FULLY LOADED HYBRID

LG ADAPT

AHDB RECOMMENDED

BREEDERS REFERENCE: LE21/447
TRIAL STATUS: UK RECOMMENDED

Highest yielding variety with pod shatter resistance and well adapted for British farms, thanks to our UK breeding programme

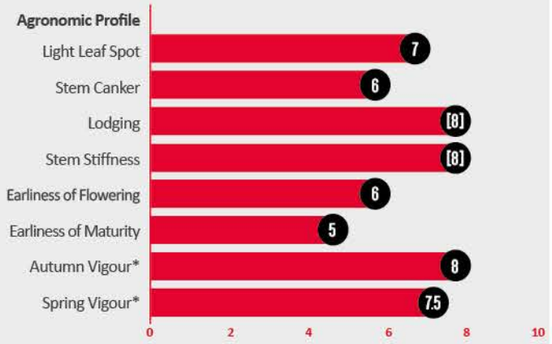
KEY STRENGTHS

Performs across all regions

Very high oil content

Good resistance to stem based diseases

AGRONOMIC PROFILE



Data from the AHDB Oilseed Rape Recommended List 2025/2026.
On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). [ ] = limited data.
Agronomic features marked with * are breeders perspective.

SCAN ME

FULLY LOADED HYBRID

MAGELAN

AHDB RECOMMENDED

BREEDERS REFERENCE: LE20/439
TRIAL STATUS: RECOMMENDED E/W

Newly recommended variety with a strong disease resistance package and that all important pod shatter trait

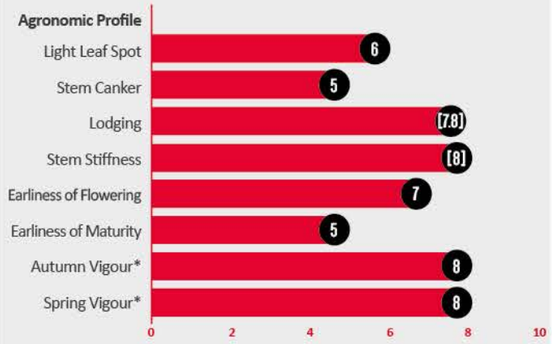
KEY STRENGTHS

High yielding hybrid variety

High oil content

Robust disease resistance package

AGRONOMIC PROFILE



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Agronomic features marked with * are breeders perspective.

SCAN ME

POD SHATTER

RYAN KEMP
LG Senior Trials Officer, Limagrain UK

Pod shatter resistance is crucial when selecting an OSR variety, as it helps protect a grower's investment by reducing the risk of seed loss before harvest.

While the weather in 2024 saw a lower risk of pod shatter, the unpredictable UK climate makes it impossible to predict what the weather will be like months later, when crops are most vulnerable. To mitigate this risk, growers should choose a pod shatter-resistant variety from the outset.

Limagrain tests its varieties annually using a lab-based technique to measure the force required to break pods, providing reliable data. Pod shatter-resistant varieties often need up to three times more force to break than non-resistant varieties, making them highly effective at preventing pod loss and limiting yield loss at harvest.

Pod shatter can be easily observed in the field by the shelled-out white pods, which can lead to volunteer OSR growth. This creates a 'green bridge' for pests, disease, and weeds, impacting both current and future crops. In today's tight-margin OSR market, pod shatter resistance is vital for profitability. Varietal selection can influence yield by up to half a tonne per hectare.

Why choose a variety without this trait when the risk of yield loss is so high?

With OSR farming becoming more challenging and costly, selecting a variety with genetic pod shatter resistance is now essential.

SCAN FOR MORE DETAILS

SCAN ME

FULLY LOADED HYBRID

LG AVENGER

AHDB RECOMMENDED

BREEDERS REFERENCE: LE21/446
TRIAL STATUS: RECOMMENDED NORTH

A new variety with a unique growth habit, that alongside a solid IPM strategy, promotes flea beetle resilience

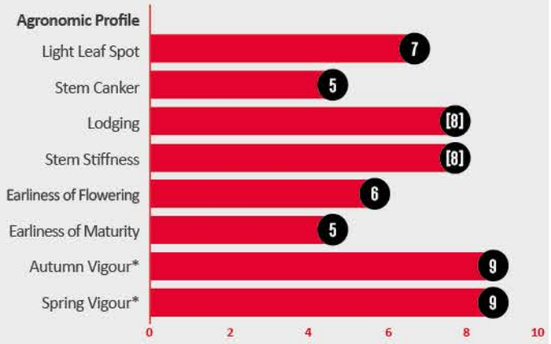
KEY STRENGTHS

Flea beetle resilience characteristic

Exceptional autumn & spring vigour

High yielding variety with pod shatter resistance

AGRONOMIC PROFILE



Data from the AHDB Oilseed Rape Recommended List 2025/2026.
On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). [ ] = limited data.
Agronomic features marked with * are breeders perspective.

SCAN ME

TARGETING 'BALANCED' NUTRITION TO MAKE OSR A SUCCESS

FULLY LOADED HYBRID

LG ACADEMIC

AHDB RECOMMENDED

BREEDERS REFERENCE: LE20/433
TRIAL STATUS: UK RECOMMENDED

A high yielding variety with a full complement of agronomic traits

TUYV | POD SHATTER | STEM HEALTH | N-FLEX | RLM7 | 7 LIGHT LEAF SPOT | 6 STEM CANKER

KEY STRENGTHS

Consistent across regions and seasons

High oil content

Strong disease resistance package

AGRONOMIC PROFILE

Data from the AHDB Oilseed Rape Recommended List 2025/2026.
On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). [ ] = limited data.
Agronomic features marked with * are breeders perspective.

SCAN ME

FULLY LOADED HYBRID

LG ADELINE

AHDB RECOMMENDED

BREEDERS REFERENCE: LE20/434
TRIAL STATUS: UK RECOMMENDED

7th Generation fully loaded hybrid with exceptional performance in the north

TUYV | POD SHATTER | STEM HEALTH | RLM7 | 7 LIGHT LEAF SPOT | 5 STEM CANKER

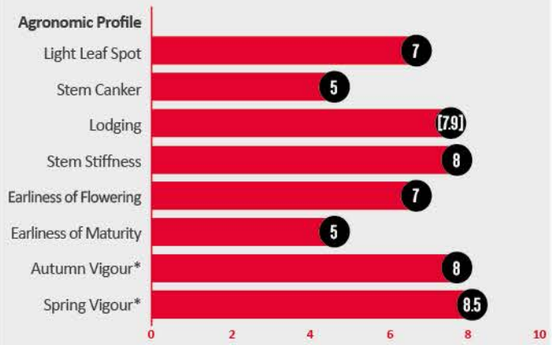
KEY STRENGTHS

Consistency across regions

Good standing & improved oil content

Strong vigour with good pre-winter biomass

AGRONOMIC PROFILE



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Agronomic features marked with * are breeders perspective.

SCAN ME

Benefits of balanced nutrition

- Avoiding nutrient deficiencies
- Improvement of crop tolerance to adverse conditions
- Increase of crop yield per area
- Optimization of economic benefit per area
- Improvement of nutrient use efficiency

Establishment & Autumn Crop Nutrition for Oilseed Rape

Autumn nutrition is crucial for oilseed rape establishment. Fertilizers, especially nitrogen and phosphate, enhance emergence and root growth. Adequate early root development supports a strong, efficient root system, improving the crop's overall establishment.

Once established, proper nutrition ensures maximum yield and profitability. Oilseed rape needs a strong, deep root system and 8–10 leaves before winter. Besides nitrogen, phosphate, potassium, and sulphur, crops also require additional nutrients like boron, molybdenum, magnesium, manganese, nitrogen, and calcium.

2 Key Reasons for Autumn Foliar Nutrition Applications

1 Provides nutrients directly to the plant, improving growth and winter hardiness

2 Prepares the plant for spring growth, maintaining momentum

Nitrogen & Timing

A green area index (GAI) assessment helps determine nitrogen needs. For yields over 4 t/ha, 180-240 N/ha is needed. Split nitrogen applications at the beginning of vegetation and early stem elongation optimize growth. Nitrate nitrogen forms provide higher yields than other sources.

Sulphur & Timing

Sulphur boosts yield, quality, and nitrogen efficiency. Apply sulphate early in the spring for optimal absorption and growth. Delayed sulphur availability reduces yield and oil content.

Potassium

Potassium is essential for oil synthesis and plant growth. Adequate potash, especially in spring, maximizes yield potential. Yara's trials show 80-120 kg K/ha boosts yield and oil content.

SCAN FOR MORE DETAILS

SCAN ME

FULLY LOADED HYBRID

LG ARMADA

AHDB RECOMMENDED

BREEDERS REFERENCE: LE20/435
TRIAL STATUS: UK RECOMMENDED

The full agronomic package with seventh generation genetics

TUYV | POD SHATTER | STEM HEALTH | SCLERO-FLEX | RLM7 | N-FLEX | 7 LIGHT LEAF SPOT | 6 STEM CANKER

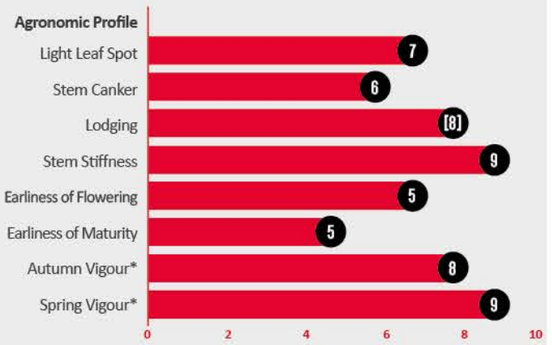
KEY STRENGTHS

Robust disease resistance package

Consistent across regions and seasons

Fantastic untreated yield performance

AGRONOMIC PROFILE



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Agronomic features marked with * are breeders perspective.

SCAN ME

THE IMPORTANCE OF CLUBROOT RESISTANCE

FULLY LOADED HYBRID

LG ANARION

BREEDERS REFERENCE: LE17/340
TRIAL STATUS: NATIONAL LISTED

Fully loaded clubroot resistant hybrid with high yield potential and robust disease resistance

TUYV | POD SHATTER | CLUBROOT | RLM7 | 7* LIGHT LEAF SPOT | 6* STEM CANKER

KEY STRENGTHS

High yielding fully loaded clubroot resistant variety

Short robust plant type with good standing

Very good disease resistance package with particularly good LLS resistance

Rapid autumn growth

Very good winter hardiness

AGRONOMIC PROFILE

Data from the AHDB Oilseed Rape Recommended List 2025/2026.
On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). [ ] = limited data.
Agronomic features marked with * are breeders perspective.

SCAN ME

Murray Forsyth is a mixed arable-beef farmer in Inverurie, Aberdeenshire, managing 1000 acres. He grows 170-180 acres of oilseed rape (OSR) each year as part of a rotation with winter barley, winter wheat, and two spring barleys.

MURRAY FORSYTH
Smiddyburn Farm, Inverurie, Aberdeenshire

When clubroot appeared, he adopted a wider 5-year rotation and selected a clubroot-resistant variety for affected fields.

To optimize OSR yields, Mr. Forsyth uses a technical approach, maintaining soil health through regular testing and applying lime to fields with low pH. He also applies farmyard manure (FYM) for high fertility. For cultivation, he ploughs before drilling OSR with a Horsch Express combination drill, applying DAP fertilizer (around 200 kg/ha), followed by a Cambridge roll. Slug pellets are used as a precaution, as slugs are a bigger issue than flea beetles in his area.

Mr. Forsyth's average OSR yields are 1.7 to 2 tonnes/acre. In clubroot-affected fields, he grows **LG Anarion**, which maintains yields comparable to those of **LG Armada** in unaffected fields. He believes varietal choice is key to keeping yields stable despite clubroot.

While considering a return to a 4-year rotation, OSR remains one of his most profitable crops. He tracks yields and profit margins, noting that although OSR isn't the cheapest to grow, it is a highly profitable break crop. The use of clubroot-resistant varieties like **LG Anarion** allows OSR to thrive in high-pressure fields, helping maintain farm profitability.

SCAN FOR MORE DETAILS

SCAN ME

TURNING OILSEED RAPE TO LIQUID GOLD!

FULLY LOADED HYBRID

LG SCORPION

BREEDERS REFERENCE: LE18/359
TRIAL STATUS: NATIONAL LISTED

Fully loaded Clubroot resistant hybrid with high yield potential and robust disease resistance

TUYV | POD SHATTER | CLUBROOT | RLM7 | 6* LIGHT LEAF SPOT | 6* STEM CANKER

KEY STRENGTHS

High yielding clubroot variety

Exceptionally quick autumn & spring growth

Robust disease resistance package

Good verticillium tolerance

Fully loaded with TUYV, POSH & RLM7

AGRONOMIC PROFILE

Data from the AHDB Oilseed Rape Recommended List 2024/25.
On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). [ ] = limited data.
Agronomic features marked with * are breeders perspective.

SCAN ME

R G Taylor & Sons is a family-run farm on the Lincolnshire marsh, managed by David, his sons Riley and Kolbie, and their grandfather Brian, who at 87, still plays an active role.

Growing up on the farm, I witnessed the challenges faced by the business, from fluctuating weather and costs to disease outbreaks affecting cattle.

In March 2022, I had the idea of turning our oilseed rape into cold-pressed rapeseed oil. After researching and pitching the idea to my parents, we decided to find a company to press and bottle our oil, allowing us to test the market without a large initial investment. The response was fantastic, with our oil selling well in local butchers, delis and farm shops. Customers appreciated the healthier, locally sourced option at an affordable price.

By the end of 2022, we had bottled two more tonnes of seed, and both our output and revenue grew year on year. We've since invested in a small bottling plant, aiming to press on-site by early 2025, reducing costs and giving us full control of production. The rape meal will be used for cattle feed or sold to nearby farms.

> "By the end of 2022, we had bottled two more tonnes of seed, and both our output and revenue grew year on year."

We now supply both small bottles and catering tubs to businesses using the oil for cooking, dressings, and marinades. With recent success in regenerative farming practices, we aim to expand our oil business to supplement the farm's income and ensure its future for generations to come.

SCAN ME

SCAN FOR MORE DETAILS

RILEY TAYLOR, Farmer/ Entrepreneur

Limagrain

A GOOD START FOR A GOOD FINISH

FULLY LOADED HYBRID

LG WAGNER

AHDB RECOMMENDED

BREEDERS REFERENCE: LE19/428
TRIAL STATUS: RECOMMENDED NORTH

High yielding and hardy hybrid variety with a growth habit suited to challenging growing conditions

TuYV | POD SHATTER | RLM7 | 7 LIGHT LEAF SPOT | 4 STEM CANKER

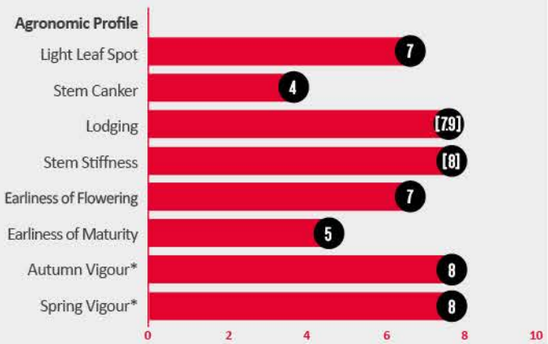
KEY STRENGTHS

Performs particularly well in adverse conditions

Excellent disease resistance package

Pod shatter resistance protects yield through to harvest

AGRONOMIC PROFILE



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SCAN ME

CLARE TUCKER
Agronomy Manager, BASF

We know that fast even establishment is a key defence against adult cabbage stem flea beetle, so it's important to start with good seedbeds, whatever the drilling date.

If you are planning some of your area to hybrid varieties then Clearfield® varieties justify serious consideration. Many have the valued traits of TuYV tolerance, and resistance to pod shatter and canker. Hybrid vigour is also a given but in addition Clearfield® varieties are tolerant to soil residues of commonly used sulphonyl urea (SU) broadleaved and grassweed herbicides in the previous cereal crop. Some of these SUs require ploughing prior to oilseed rape, else germination and early growth can be affected. Fortunately Clearfield® varieties are unaffected and grow away strongly.

Clearfield® varieties are designed to be used with the post-emergence Clearfield® herbicide Cleravo® plus adjuvant Dash®. Cleravo® has the widest weed spectrum of any herbicide, including the brassica weeds such as charlock and runch. Plus the bonus of volunteer cereal control. It can be used from cotyledon of the crop, allowing flexible timing to target weed size of 2-4 true leaves. Competitive weeds such as charlock, chickweed and cranesbill get big quickly, particularly in early drilled crops and need timely removal. Volunteer rape will also be removed, so avoiding over-thick plant populations to manage in the spring.

With high populations of charlock or runch, it is tempting to wait for all to emerge, but it is better to get the majority at the correct growth stage, both in terms of weed control & protecting yield.

Note: Clearfield® herbicides must ONLY be used on Clearfield® varieties (name has CL suffix).

For early drilled crops, if they reach 4-6 leaves before mid-October, they should be treated with the PGR Caryx® at that 4-6 leaf stage. This will prevent premature stem extension which will make them vulnerable to frosts and to lodging in the spring.

The risk from Phoma and Light Leaf Spot will depend on variety resistance and drilling date. Varieties with good Phoma resistance can delay the Phoma epidemic and a later single fungicide against both Phoma and Light Leaf Spot may be enough. Target timing for Light Leaf Spot is in early-mid November, and for this disease the early drilled crops are most at risk.

CONVENTIONAL OSR VARIETIES

ANYTHING BUT CONVENTIONAL

ACACIA

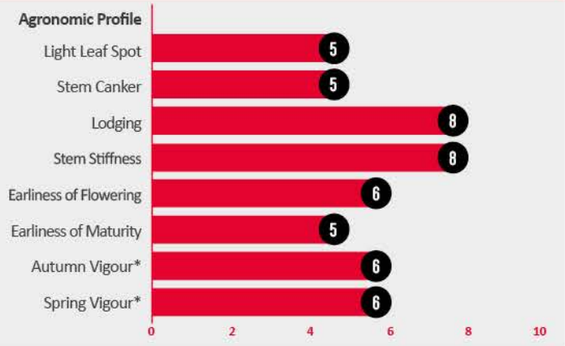
AHDB RECOMMENDED

BREEDERS REFERENCE: LEL16/326
TRIAL STATUS: UK RECOMMENDED

5 LIGHT LEAF SPOT | 5 STEM CANKER

SCAN ME

The most popular conventional variety on the market



ANYTHING BUT CONVENTIONAL

ANNIKA

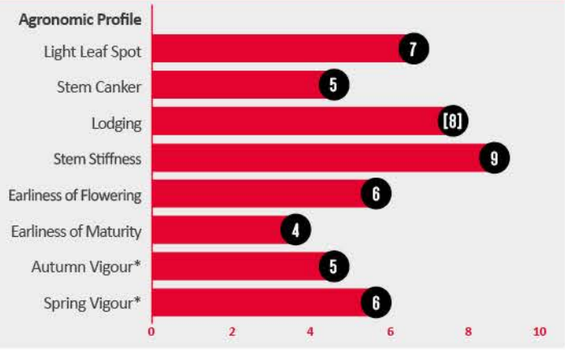
AHDB RECOMMENDED

BREEDERS REFERENCE: LEL18/415
TRIAL STATUS: RECOMMENDED E/W

TuYV | 7 LIGHT LEAF SPOT | 5 STEM CANKER

SCAN ME

TuYV resistant conventional variety with a strong disease resistance profile that is well suited to the earlier drilling slot



ANYTHING BUT CONVENTIONAL

AMARONE

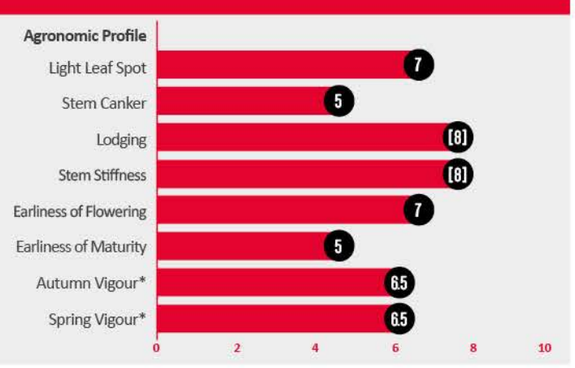
AHDB RECOMMENDED

BREEDERS REFERENCE: LEL18/416
TRIAL STATUS: RECOMMENDED NORTH

TuYV | 7 LIGHT LEAF SPOT | 5 STEM CANKER

SCAN ME

A TuYV resistant conventional with consistent yields and strong autumn and spring vigour



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LG Winter Wheat Guide

		GROUP 1	GROUP 2	GROUP 3	GROUP 4				
		CRUSOE WINTER WHEAT	LG SHERGAR WINTER WHEAT	LG ASTRONOMER WINTER WHEAT	LG SKYSCRAPER WINTER WHEAT	LG REDWALD WINTER WHEAT	LG TYPHOON WINTER WHEAT	LG BEOWULF WINTER WHEAT	LG REBELLION WINTER WHEAT
	Data Source	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	AHDB RL 2025/26	WW Trials Harvest 2024
	AHDB Status	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended	National Listed
YIELD	UK Treated Yield	95	102	97	101	106	101	105	106
	East Treated Yield	94	102	97	102	106	101	106	106
	West Treated Yield	96	103	97	100	108	101	104	107
	North Treated Yield	94	(105)	98	100	107	103	107	(103)
	Untreated Grain Yield (% Treated Control)	72	87	83	80	87	87	85	93
	Suitability as a 1st Cereal	✔✔✔	✔✔✔	✔✔✔	✔✔✔	✔✔✔	✔✔✔	✔✔✔	✔✔✔
	Suitability as a 2nd Cereal	✔✔	✔✔✔	✔✔	✔✔✔	✔✔✔	✔✔✔	✔✔✔	✔✔✔
	YIELD COMMENT	Consistent yield performance across 13 years on the RL	New Group 2 which yields well across the UK, especially in the North	Consistent yield performance across all regions of the UK, with excellent agronomic security	One of the most consistent wheats available - with proven performance on farm, over seasons and regions	Very high yielding variety showing high yield potential across seasons and regions	Consistent yield across all regions and seasons, with high untreated yield potential	High yielding wheat showing very high yield potential across seasons and regions	Very high treated & untreated yield potential with consistency across regions
MARKET OPTIONS	UK Breadmaking	Y	Y	-	-	-	-	-	-
	UK Biscuit/Cake Making	-	-	Y	-	-	-	-	-
	UK Distilling	-	-	(Y)	(Y)	(Y)	-	-	-
	ukp Bread Wheat for Export	Y	-	-	-	-	-	-	-
	UKS Soft Wheat for Export	-	-	-	-	-	-	-	-
GRAIN QUALITY	Endosperm Texture	Hard	Hard	Soft	Soft	Soft	Hard	Hard	Hard
	Protein Content (%)	12.0	10.9	11.2	10.8	10.5	10.6	10.9	11.2
	Hagberg Falling Number (secs)	272	289	241	205	154	165	253	272
	Specific Weight (kg/hl)	78.5	80.4	78.2	77.1	75.7	77.4	78.5	78.6
	Resistance to Sprouting	6	-	7	6	(5)	(5)	(6)	-
	MARKET / QUALITY COMMENTS	Genetically high protein content, making it a favourite with growers and millers	Variety with breadmaking potential, a good hagberg and exceptional specific weight	Group 3 biscuit which meets specification for distilling and has very good specific weight	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	A hard Group 4 with excellent grain quality and UKP export potential
AGRONOMIC CHARACTERS	Optimum Sowing Date	Mid	Early/Mid	Early/Mid	Mid/Late	Mid/Late	Early/Mid	Mid/Late	Mid/Late
	Latest Safe Sowing Date	End Jan	((Mid Feb))	End Jan	End Jan	Mid Feb	End Jan	(Mid Feb)	End Jan
	Speed of Spring Apical Development	Medium/Fast	Medium	Medium	Medium/Fast	Medium/Slow	Slow	Medium	Medium
	Resistance to Lodging (- PGR)	8	8	7	6	4	7	8	6
	Resistance to Lodging (+ PGR)	8	8	8	6	5	7	8	7
	Height in cm (- PGR)	83	81	88	92	93	86	88	88
	Height in cm (+ PGR)	77	76	80	83	88	79	80	79
	Ripening (Days +/- Skyfall)	+1	+1	+1	0	+2	+2	+2	-1
DISEASE RESISTANCE	Mildew	6	(7)	4	7	5	6	6	(6)
	Yellow Rust	8	7	9	7	7	9	9	7
	Brown Rust	3	6	8	5	7	6	4	6
	Septoria Tritici	6.5	6.7	5.7	5	6.3	7.2	6.6	6.6
	Eyespot	6	5	5	5	4	5	6	6@
	Fusarium Ear Blight	7	6	6	6	6	6	6	5
	Orange Wheat Blossom Midge	-	-	R	R	R	R	R	-
	AGRONOMY / DISEASE COMMENT	Short, stiff straw combined with good YR and ST disease resistance (BR requires monitoring)	A variety for consideration on heavy fertile soil types. Short stiff straw combined with a good ST disease resistance (YR needs monitoring)	One of the most complete agronomic packages available on the RL, with excellent resistance to the Rusts	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/ blackgrass/regen situation	Excellent agronomic package including solid YR and Septoria resistances. A variety for consideration for the earlier drilling and direct drilled/ wider row/regen situation	Good agronomic package, combining stiff straw, good disease resistances, OWBM resistance, and excellent grain attributes	Excellent agronomic package, combining a good disease resistance, including Pch1, with very early maturity
PEDIGREE	Pedigree	Cordiale x Gulliver	(LG Cassidy x KWS Zyatt) x KWS Trinity	(Cougar x Leeds) x Britannia	(Cassius x NAWW29) x KWS Santiago	LG Sundance x LG Generation	Garrus x LGW88	Gleam x Costello	KWS Zyatt x KWS Extase

All data from the AHDB Winter Wheat Recommended List 2025/26. *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. LG Rebellion dataset comparable to AHDB RL data from the winter wheat varieties grown in RL trials in 2024 but not added to the AHDB RL 25/26 table.

R = Resistant. ( ) = limited data. (( )) = Very limited data. @ = presence of Pch1 Rendezvous Eyespot resistance gene.
On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

Limagrain

LG WINTER WHEAT

WINTER WHEAT

CRUSOE

AHDB RECOMMENDED

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

The benchmark Group 1 variety with fantastic protein content

UKFM GROUP 1

ukp

KEY STRENGTHS

Consistent Group 1 milling wheat - widely used and relied on by millers

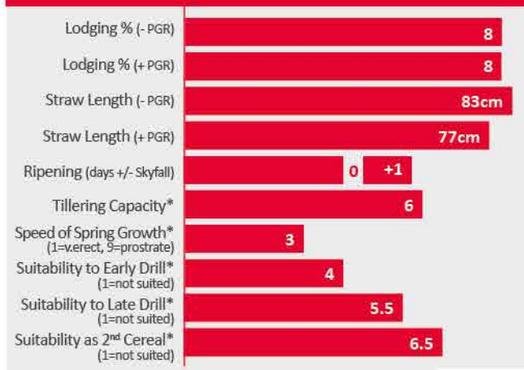
Good disease resistance with an 8 for yellow rust and a 6.5 for Septoria tritici

Very good grain quality with a high stable hagberg

Short, stiff strawed variety

Meets the specification for UK breadmaking and UKP for export

AGRONOMIC PROFILE



Data used from AHDB 2025/2026 Recommended List. 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.

SCAN ME

WINTER WHEAT

LG SHERGAR

AHDB RECOMMENDED

BREEDERS REFERENCE: LGWU192
TRIAL STATUS: UK RECOMMENDED
PARENTAGE: (LG CASSIDY X KWS ZYATT) X KWS TRINITY

Group 2 variety with strong desirable agronomic features of interest

UKFM GROUP 2

KEY STRENGTHS

Short, very stiff strawed variety

Excellent specific weight

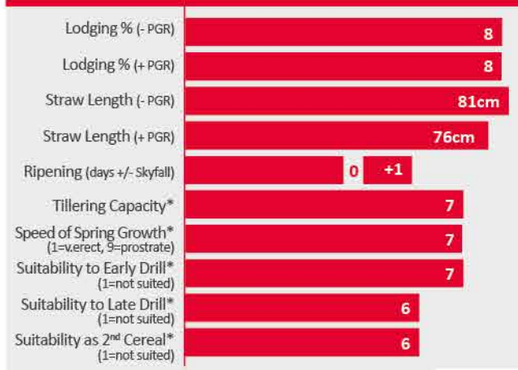
Good disease package

Good yields all-round, especially in the north

Variety characteristics suited to the west

Suitable for heavier fertile soil types

AGRONOMIC PROFILE



Data used from AHDB 2025/2026 Recommended List. 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.

SCAN ME

BRED BY FARMERS FOR FARMERS
#jointherebellion

JOIN THE REBELLION

LG REBELLION WINTER WHEAT

Highest Consistent UNTREATED Yield
- Early Maturity
- Wide Drilling Window

FIND OUT MORE

lgseeds.co.uk/lg-rebellion

Limagrain Field Seeds

Limagrain

ASK THE BREEDER

Q Genetic resistance is important to growers, how does this affect the development of new varieties?

RACHEL GODDARD
Cereals Pathologist

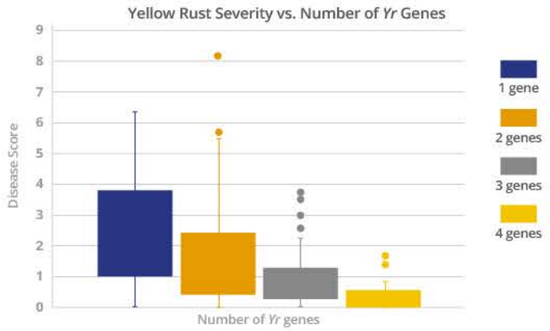
We need to ensure that the genetic resistance in our varieties remains effective in the face of highly dynamic pathogens such as Yellow rust and Septoria Tritici. This is where multi-gene resistance is important. By combining several resistance genes to the same pathogen in a single variety, we provide additional layers of protection and increase the ability of the variety to withstand pathogen attack. Varieties such as **LG Rebellion,** which perform consistently across several years of high disease pressure, benefit from multi-gene resistance.

Q How has the multi resistance programme at LG developed, and what are the plans for the future?

It's important to recognise that not all resistance gene combinations provide the same level of protection. At Limagrain, we routinely assess the effectiveness of hundreds of different gene combinations in trials across the UK, to identify those which provide the best level of resistance. Through the use of genetic markers, we can quickly and efficiently select breeding lines which have the right genes and ensure that these lines also have other important traits such as good grain quality. To further protect against rapidly evolving pathogens, we're also continually assessing and introducing new sources of resistances into the breeding program. As our understanding of the mechanisms of resistance continues to increase, we'll be able to design more multi-gene combinations that work at different stages of the plant life cycle and through different modes of action.

SCAN ME

SCAN FOR MORE DETAILS



WINTER WHEAT

LG BEOWULF

AHDB RECOMMENDED

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

High yielding feed variety with an excellent agronomic package

UKFM GROUP 4 HARD | OWBM

KEY STRENGTHS

Consistent yield across regions, seasons and rotational positioning

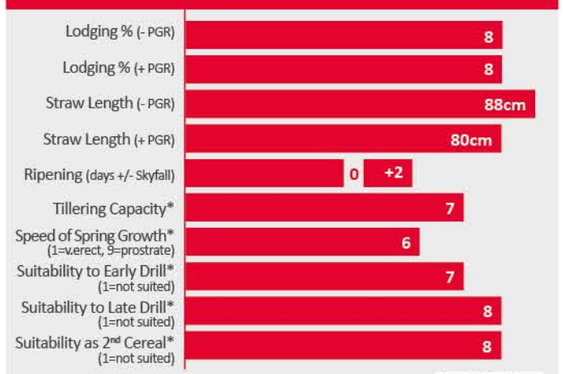
Very good disease resistance

Very stiff strawed variety

High Specific Weight

OWBM Resistance

AGRONOMIC PROFILE



Data used from AHDB 2025/2026 Recommended List.
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.

SCAN ME

JOIN THE REBELLION?

RON GRANGER
Arable Technical Manager, Limagrain UK

The AHDB Recommended List (RL) has long been a key resource for wheat growers selecting varieties, but with tougher growing conditions, tighter margins, and stricter regulations, some farmers seek a more tailored approach.

A Limagrain survey found that 43% of growers feel RL data isn't detailed enough for their needs. Ron Granger, LG's arable technical manager, suggests that while recommended varieties suit conventional farming, there's a need for varieties better suited to alternative systems.

At Limagrain, we believe strong genetics are essential for UK agriculture. Our survey of 900 wheat growers confirmed that disease and pest resistance, along with good grain quality and stable yields, are top priorities. Senior wheat breeder Phil Tailby notes that this aligns with Limagrain's breeding objectives.

LG Rebellion, although unlisted, has shown consistently high yields across regions and years, with an impressive untreated yield of 93%. Despite its strong disease resistance, some Yellow Rust was observed in 2024, so monitoring and treatment may be necessary.

One standout feature of **LG Rebellion** is its early maturity, which offers flexibility for growers in an unpredictable climate, allowing for better land preparation and future cropping. The variety also boasts a high Hagberg and specific weight, ideal for feed wheat. With a wide drilling window from October to December, it provides flexibility for sowing after root crops and maize, making it a valuable addition to farms. Limagrain believes **LG Rebellion** deserves a place both on farms and in the market.

#JOINTHEREBELLION

> "LG Rebellion, although unlisted, has shown consistently high yields across regions and years, with an impressive untreated yield of 93%."

SCAN ME

SCAN FOR MORE DETAILS

WINTER WHEAT

LG REBELLION

BREEDERS REFERENCE: LGWU194
TRIAL STATUS: NATIONAL LISTED
PARENTAGE: KWS ZYATT X KWS EXTASE

High yielding hard feed wheat with desirable agronomic characteristics

UKFM GROUP 4 HARD | EXPORT POTENTIAL*

KEY STRENGTHS

Shown very high untreated yield consistently over seasons

Very early maturing variety

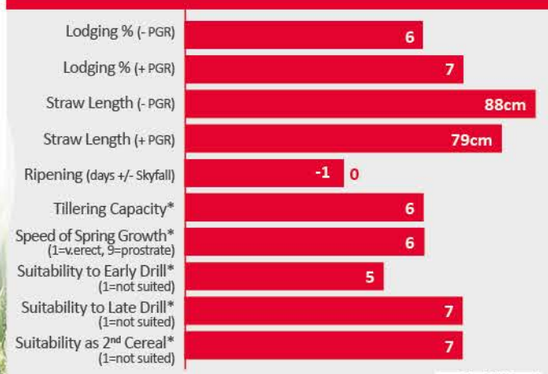
Good disease resistance

High hagberg & specific weight

Similar agronomic profile to KWS Extase

UKP export potential

AGRONOMIC PROFILE



Data used from AHDB 2025/2026 Recommended and National Lists.
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 data.

SCAN ME

APPLYING REGEN PRACTICE TO COMMERCIAL FARMING

WINTER WHEAT

LG TYPHOON

AHDB RECOMMENDED

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

The recognised early drilling feed wheat variety with a very good disease resistance profile and OWBM resistance

UKFM GROUP 4 HARD · OWBM

KEY STRENGTHS

Good agronomic profile for on-farm security and flexibility

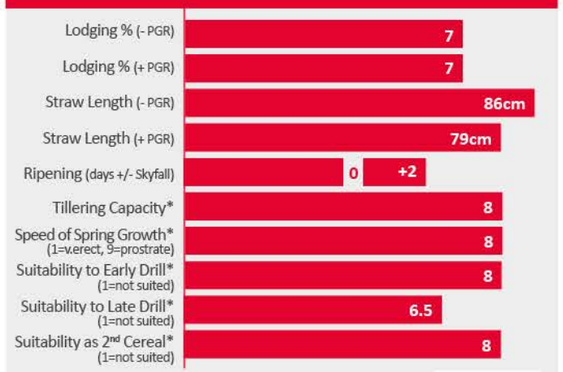
Moderately tall strawed variety, with good straw strength

Excellent Yellow Rust and Septoria resistance

High yield potential, with good stable consistency across regions

Agronomic characteristics for the regen/direct drilling/wider row situation

AGRONOMIC PROFILE



Data used from AHDB 2025/2026 Recommended List.
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.

RON GRANGER
Arable Technical Manager, Limagrain UK

Regenerative farming has become a polarizing topic among growers, with some embracing it and others rejecting it. Many are adapting regenerative practices to fit their existing systems, focusing on yields and profitability. Breeders and machinery manufacturers are also innovating to meet this trend.

Ron Granger, arable technical manager at Limagrain, says, "The key question is whether we're creating the right varieties for regenerative farming systems." While untreated yield and disease resistance are useful, there's limited data on varieties grown in wide rows or direct-drilling, common in regenerative practices. Additionally, inter-row cultivation or companion cropping may require varieties with specific growth habits.

A recent survey revealed that 43% of growers feel RL data isn't detailed enough for selecting varieties in regenerative systems, highlighting a gap. Key considerations for re-gen suited varieties include consistency, yield, disease resistance, tillering ability, plant growth habit, rooting, and grain quality.

Farmers are increasingly seeking varieties that align with low-disturbance and direct drilling methods. HORSCH, for example, has observed promising results with **LG Typhoon** in these practices. Limagrain has been proactive in testing varieties under regenerative conditions, with **LG Typhoon** and **LG Redwald** receiving internal endorsements. Newer varieties like **LG Beowulf** and **LG Rebellion** are also being tested and considered for future use.

As regenerative farming evolves, breeders like Limagrain are focusing on developing varieties that meet the specific needs of these systems.

> "From HORSCH's perspective, it is encouraging to see seed breeders developing and trialling new seed varieties specifically designed for direct drilling and minimum tillage practices. While HORSCH offers a comprehensive range of seeding and tillage equipment, recent trends have shown a shift towards low-disturbance and direct drilling methods. As a result, the outcomes we have observed with **LG Typhoon** are particularly promising."
>
> **GARETH BURGESS,** Regional Manager HORSCH

SCAN FOR MORE DETAILS

WINTER WHEAT

LG SKYSCRAPER

AHDB RECOMMENDED

BREEDERS REFERENCE: LGWU123
TRIAL STATUS: UK RECOMMENDED
PARENTAGE: (CASSIUS X NAWW29) X SANTIAGO

Proven on farm performance - high yielding winter wheat variety with proven performance across seasons, rotational position and soil type

UKFM GROUP 4 SOFT · OWBM

KEY STRENGTHS

Consistent high yield performance across all situations

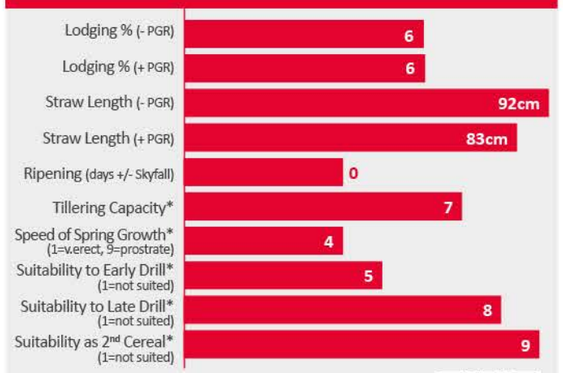
Good performance in a second wheat situation

Good agronomics suited to a blackgrass situation

Bold grain quality with a high specific weight

Widely used by distillers and in soft grists

AGRONOMIC PROFILE



Data used from AHDB 2025/2026 Recommended List.
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.

WINTER WHEAT

LG REDWALD

AHDB RECOMMENDED

BREEDERS REFERENCE: LGWU172
TRIAL STATUS: RECOMMENDED E/W
PARENTAGE: LG SUNDANCE X LG GENERATION

The highest yielding Group 4 soft wheat with distilling capability

UKFM GROUP 4 SOFT · OWBM

KEY STRENGTHS

Very high stable yield performance

Good disease package

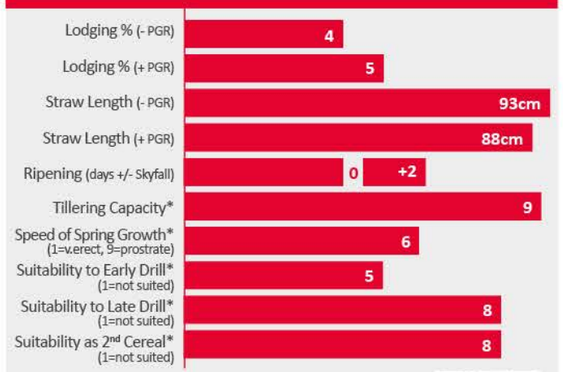
Suited to the later drilling date - excellent 2nd wheat performance

Variety characteristics suitable for the direct drilling/wider row situation

Competitive in a blackgrass situation

Requires good agronomic management

AGRONOMIC PROFILE



Data used from AHDB 2025/2026 Recommended List.
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 WINTER BARLEY

WINTER BARLEY

LG CATAPULT

AHDB CANDIDATE

BREEDERS REFERENCE: LGBU22-6936
TRIAL STATUS: UK CANDIDATE
PARENTAGE: LG CAIMAN X (LG CATHAGO X KWS TARDIS)

Excellent new BYDV tolerant variety, with yields comparable with market leading varieties

"A secure variety that combines BYDV tolerance with high yields and a good agronomic package - a real step forward in 2-row winter barley genetics."
Ron Granger

KEY STRENGTHS

Good specific weight

Good untreated yield

Good disease resistance

AGRONOMIC PROFILE

	LG CATAPULT	KWS Feeris	KWS Tardis
GRAIN QUALITY			
Lodging (fungicide treated %)	(3)	(1)	1
Brackling (fungicide treated %)	17	18	8
Straw Height (fungicide treated)	(87)	100	90
Ripening (Days +/- KWS Orwell)	0	0	-1
Specific Weight (kg/hl)	68.6	67.4	68.6

SCAN ME

Data used from AHDB 2025 Candidate List. 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.

WINTER BARLEY

LG CARAVELLE

AHDB RECOMMENDED

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

High yielding 2 row barley throughout the UK

"A consistently high yielding variety with all the desirable agronomic characteristics associated with a great 2-row feed variety."
Ron Granger

KEY STRENGTHS

Very high treated yield potential across all regions of the UK

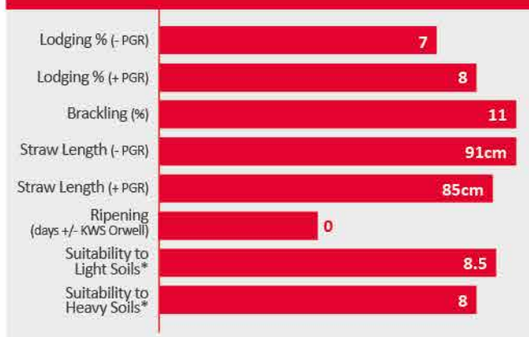
High untreated yield

Robust disease resistance package

Very high specific weight and good screenings

External trials show good competition in a blackgrass situation

AGRONOMIC PROFILE



SCAN ME

Data used from AHDB 2025/2026 Recommended List. 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.

WINTER BARLEY

LG CAPITOL

AHDB RECOMMENDED

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

Very high yield potential across all regions of the UK

"One of the highest yielding varieties through contrasting seasons, producing a high thousand grain weight - a feature of it's yield resilience."
Ron Granger

KEY STRENGTHS

Consistency of yield performance across a testing season

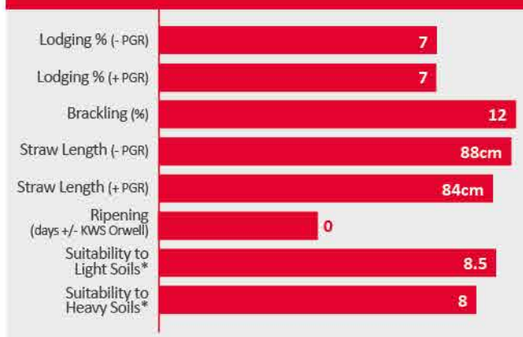
Eastern region yield comparable with hybrid varieties

Good disease resistance profile

Good specific weight and screenings

Similar maturity as KWS Tardis

AGRONOMIC PROFILE



SCAN ME

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"We've been growing LG winter barley varieties for a few years.

We tried a small field of **LG Capitol** in 2023, and it seemed to have the edge over other varieties. I grew it last year and it did in excess of 9.5t/ha, so very, very good yield, consistent quality, and that's why we've grown it again this year."

LUKE PALMER,
Farmer from Cambridgeshire

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SCAN ME

SCAN TO VIEW

LG Essential Guide to Forage Crops

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LG Conservation & Gamecover Crops Guide

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@LGSeedsUK

AHDB RECOMMENDED

FULLY LOADED FULLY INVESTED

READ MORE about Flea Beetle Resilience in our Whitepaper

SCAN ME

LG AVENGER

An exciting variety with a unique growth habit, that alongside a solid IPM strategy, promotes flea beetle resilience

Limagrain