



# OILSEED RAPE VARIETY GUIDE



Featuring  
Comparison  
Variety Guides  
See Page 17



**THE ESSENTIAL GUIDE**  
to Oilseed Rape





# INTRODUCTION

Liam Wilkinson - OSR Product Manager



## Choosing the best variety for your farm has never been more important.

Selecting a trait-loaded variety helps mitigate risk from the minute the seed is sown. Whilst genetics cannot help with husbandry issues, LG's trait-loaded approach to breeding has proven to be hugely beneficial in both AHDB trials and on farm.

LG are looking to rebuild growers' confidence in OSR. Together with investment and technology, we are looking to futureproof production of this vital crop in the UK. We offer a comprehensive portfolio of varieties across hybrid, clubroot, Clearfield® and conventional sectors of the market, varieties which are bred for the sole purpose of reducing risks and securing high yields on farm.

Even with the challenges around cabbage stem flea beetle and slugs, a great opportunity remains for OSR. Not only as a profitable break crop, but to give added value to the rest of the rotation.

Due to adverse conditions, the autumn of 2022 and 2023 were seasons we'd probably like to forget in terms of drilling winter cereals. OSR on the other hand, offers growers an opportunity to drill early whilst also allowing for the management of grass weeds and the access to active ingredients not available in other species.

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The importance of growing a commodity product cannot be underestimated either. We have seen huge fluctuations in markets with both highs and lows, however access to sell into a commodity market offers greater opportunities.

Due to our continued UK investment into OSR research, we have seen huge advancements in LG genetics over the years. It is reassuring to see that our portfolio remains consistent in what it delivers.

The introduction of our '7th Generation' genetics has produced the top three highest yielding varieties on the 24/25 AHDB RL, **LG Armada**, **LG Academic** and **LG Adeline**. These varieties bear testament to our expertise and commitment to developing an OSR crop fit for the unique challenges of the UK market.

We continue to look to the future and seek out solutions to whatever challenges lay ahead.



**“**The introduction of our '7th Generation' genetics has produced the top three highest yielding varieties on the 24/25 AHDB RL, **LG Armada**, **LG Academic** and **LG Adeline**.**”**

## FULLY LOADED HYBRID

### LG ARMADA



BREEDERS REFERENCE: LE20/435  
TRIAL STATUS: UK RECOMMENDED

The highest yielding variety on the Recommended List with the added security of LG's exclusive seventh generation genetics



## KEY STRENGTHS

- Highest yielding variety on the RL
- Robust disease resistance package
- Yields well across regions
- Good standing and stem stiffness

## 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.







# THE 7TH GENERATION

## FULLY LOADED HYBRID

### LG ACADEMIC

BREEDERS REFERENCE: LE20/433  
TRIAL STATUS: UK RECOMMENDED

Seventh generation disease resistance and one of the highest yielding varieties on this years Recommended List



### KEY STRENGTHS

- 2nd highest yielding variety on the RL
- Yields high and consistent across regions
- Great disease resistance package
- Good standing and stem stiffness

### 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.



LIAM WILKINSON  
OSR Product Manager

Trait loaded hybrids have long been a focus of the LG oilseed rape breeding programme. We are always looking for ways to introduce novel, genetic solutions to help UK growers to achieve and secure high yields on farm.

OSR is still a relatively new crop on farm, with the area in the UK surpassing 100k ha for the first time in 1981. Since then, we have seen massive advancements in genetics, arguably more than any other commercially grown crop. Hybrid varieties bring increased vigour and allow breeders to offer genetic solutions to endemic problems such as club root and phoma.

Farmers welcomed the introduction of turnip yellows virus resistance (TuYV) as well as tolerance to ALS herbicides, which allow for new weed control strategies.

Breeders have also been able to introduce the hugely beneficial Pod Shatter Resistance trait into Hybrid varieties, giving growers that final level of security on farm.

We are now making a new generation of future facing genetics available to growers. Our "7th Generation Hybrids" allow our breeders to further build on the foundations of the breeding portfolio containing Pod Shatter and TuYV resistance.

Our 7th Generation Candidates LG Armada, LG Academic and LG Adeline have taken the top 3 spots in their inaugural year on the AHDB Recommended List for UK gross output.

These varieties are key examples of how LG's expertise in breeding has strengthened yield security through the addition of stem health and sclerotinia tolerance, whilst continuing to drive yield potential and oil content.

#### Stem Health

The Stem Health trait was introduced last year and is present in varieties which meet thresholds for the stem-based diseases including: verticillium, sclerotinia and cylindrosporium (the stem-based symptoms of LLS).

Through the use of screening trials, we have been able to classify the following varieties as possessing Stem Health. These include **LG Auckland, Attica, LG Academic, LG Adeline** and **LG Armada**. Stem Health is an area that is often overlooked but can have a serious impact on gross output.



“These varieties are key examples of how LG's expertise in breeding has strengthened yield security through the addition of stem health and sclerotinia tolerance, whilst continuing to drive yield potential and oil content.”

Maintaining healthy green stems longer into the growing season has been shown to result in higher yields and increased oil content. As breeders, we recognise that the best way to mitigate risk from these diseases when it comes to performance on-farm, is through improved genetics. As such, Stem Health has been a key focus for Limagrain's European breeding programme.

Additionally, we have seen the introduction of the Sclero-flex trait bringing an increased tolerance to sclerotinia to varieties that possess it, such as LG Armada.

Our extensive European screening network, with both natural and inoculated trials, has shown reduced levels of incidence and severity of sclerotinia compared to other hybrid varieties which claim similar characteristics.

The aim of this tolerance is not to reduce fungicides but to offer growers increased security around the timing of the application. With CSFB damage we are seeing more variable crops and less homogeneity in flowering time, meaning that correct application timing is difficult. With the addition of unpredictable and changeable weather patterns, spraying windows are becoming increasingly sporadic, resulting in a heightened risk of sclerotinia infection. The need for genetic solutions to these looming real-world problems on farm is incontrovertible.

The 7th Generation Hybrids from LG offer an enticing proposition for OSR growers at a time when there are many risks around crop husbandry. It is therefore exciting to see effective risk mitigation offered at a genetic level.

## FULLY LOADED HYBRID

### LG ADELINE

BREEDERS REFERENCE: LE20/434  
TRIAL STATUS: UK RECOMMENDED

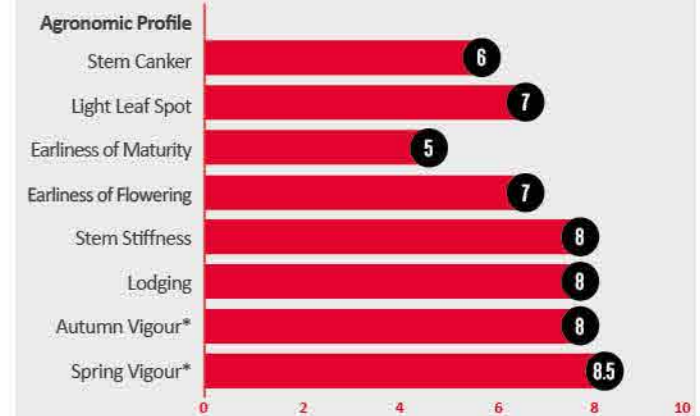
7th generation fully loaded hybrid demonstrating highest yields in the northern region



### KEY STRENGTHS

- Highest yielding variety in the North at 108%
- Consistent across regions
- Stem health characteristics offer good standing and improved oil content
- Strong vigour with good pre winter biomass

### 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.







# END USE FOR RAPESEED

## FULLY LOADED HYBRID

### ATTICA

BREEDERS REFERENCE: LE19/419  
TRIAL STATUS: UK RECOMMENDED

Attica combines stable high yields with the genetic security of TuYV and pod shatter resistance



ADAM PALMER  
Director, Breckenholme Trading Company Ltd

Breckenholme is a family business situated in the heart of the Yorkshire Wolds. Run from our farm base at North Breckenholme, we specialise in the production, pressing and bottling of cold pressed

rapeseed oil products. From here we run two of our own consumer-facing brands, Yorkshire Rapeseed Oil and Charlie & Ivy's, and we also support many other independent brands with our services.

Our story began when Adam Palmer took over the then 134-hectare family farm when he was 19 and looked to diversify into rapeseed oil production. In 2007 Breckenholme was founded by Adam, Ben Palmer and Paul Scothern, with the goal to cold press oilseed rape for the food industry. Created with a view to diversify from farming roots and bring value to a crop already grown on the family farm.

Today, our oil is a Great Taste 2-star gold award winning cold pressed extra virgin rapeseed oil that forms the basis for our range of oils, dressings, marinades, mayonnaise and sauces across the brands and these are sold in farm shops, delis and specialist independent retailers nationwide, and exported across Europe and Canada.

The chalky soil of the Yorkshire Wolds gives the oil a distinctive, yet gentle, nutty taste that takes on other flavours well and its lower saturated fat content and high burn point make it a healthy and versatile alternative to olive oil.

All the seed we press is grown locally by us and by farmers we know and trust, thus ensuring we have low food miles and complete quality control in terms of both quality end product

and how the seed is grown. A by-product of pressing the seed is our oilseed rapemeal which we offer all year round to farmers in the area as a popular feed for ruminant animals as it has good levels of ruminally degraded protein and makes a useful addition to supplement a low protein diet.

It's not just our oil that is award winning, we were recently delighted to have been awarded the Diversification of Year award by Northern Farmers in 2023, celebrating businesses that are working to create a more diverse environment and to improve and enhance the countryside, whilst maintaining a viable business. A real team success.

We believe that the future of farming is in our soil and the only way for us to guarantee our future is by changing agricultural practices. Regenerative agriculture is something we are passionate about, and we have been implementing these practices on our farm for several years now. Today we use cover cropping, make careful considerations around our crop rotation practices, look to minimal / no tillage of our soil, and integrate livestock into our farming practices.

As we are now in our 15th year as a business, we press over 40 times the amount of seed than we did in 2007, we have grown turnover consistently and we now employ 16 local people. Breckenholme is a brand with ambitions for an environmentally ethical and sustainable future. Proud to champion low food miles, local produce, and inspire future generations through education. Our ties with farming motivate us to innovate within our area, constantly looking to diverse ways we can build on our British food and farming roots.

**“All the seed we press is grown locally by us and by farmers we know and trust, thus ensuring we have low food miles and complete quality control in terms of both quality end product and how the seed is grown.”**

## FULLY LOADED HYBRID

### LG AUCKLAND

BREEDERS REFERENCE: LE18/350  
TRIAL STATUS: UK RECOMMENDED

Fully loaded hybrid recommended for east/west region with excellent yield stability across seasons



## KEY STRENGTHS

Excellent yield stability across seasons

Fully loaded hybrid with POSH, TuYV and RLM7

Solid disease resistance for both stem canker and light leaf spot

Strong Autumn vigour

## 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.



## KEY STRENGTHS

Fully loaded with traits helping to secure yield

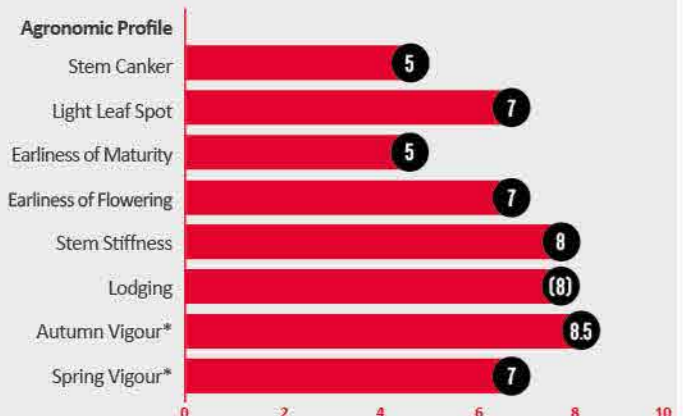
Robust disease resistance profile

Fully loaded hybrid with RLM7, POSH & TuYV

Excellent resistance to Phoma stem canker, light leaf spot & verticillium

Consistent performance across seasons and regions

## 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.







# 2023 WEATHER PROVES THE IMPORTANCE

# OF POD SHATTER RESISTANCE



## FULLY LOADED HYBRID

### AMBASSADOR

BREEDERS REFERENCE: LE16/319  
TRIAL STATUS: UK RECOMMENDED



Tried and tested variety on farm, offering high yields and fantastic vigour



### KEY STRENGTHS

Very good autumn and spring vigour

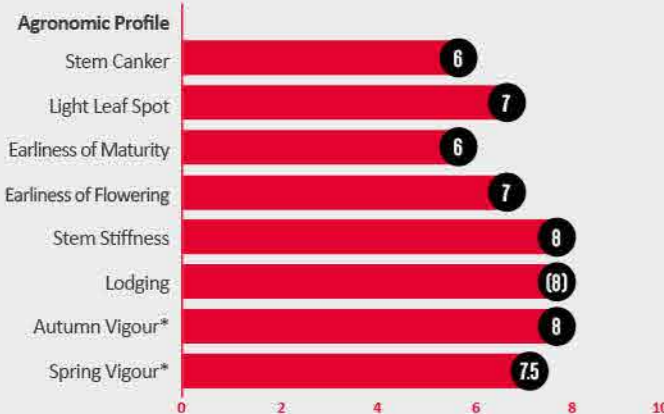
Wide sowing window offers flexibility on farm

Fully loaded hybrid N-Flex, RLM7+, POSH, TuYV

N-Flex offers yield security associated with sub-optimal Nitrogen

Robust hybrid with proven performance across seasons and regions both in trial and on farm

### AGRONOMIC PROFILE



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## FULLY LOADED HYBRID

### AURELIA

BREEDERS REFERENCE: LE16/321  
TRIAL STATUS: UK RECOMMENDED



Fully loaded hybrid with proven performance across all regions, high autumn vigour and robust disease resistance



### KEY STRENGTHS

Very consistent performer both in trial and on farm

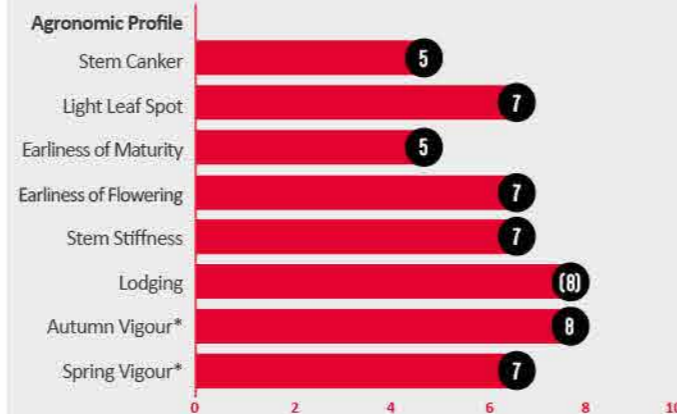
Fully loaded hybrid with RLM7, POSH and TuYV

Solid disease resistance with one of the best LLS scores available

High yielding variety across all regions of the UK

Strong early vigour and growth habit offers a wide sowing window

### AGRONOMIC PROFILE



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KURTIS SCARBORO  
Arable Development Officer, Limagrain UK

In 2023 the oilseed rape harvest was particularly challenging due to an exceptionally wet and windy July. Across the UK, July was the 6th wettest on record for the last 188 years, and the 7th windiest for the last 55 years.

Pod shatter is a natural process of seed dispersal but with the abnormal levels of wind and rain recently, the risk of seed loss is greater than ever for growers. The wetting and drying of pods in July is a risk factor at a time of the year where all the inputs have been spent on the crop and the pods are at their most fragile. Added to the untimely seed shed through direct wind and rain damage, the rain causes a catchy harvest, which increases the likelihood of pod shatter as the crop is left out longer and naturally senesces. A tool to help combat these issues is the pod shatter resistance trait, first introduced in 2010 pod shatter resistance is an important trait present in all of Limagrain's commercial hybrid oilseed rape varieties. The pod shatter resistance trait is the most effective option for preventing pod shatter and is a genetic choice so it can't be influenced throughout the season.

With the various challenges involved in growing oilseed rape, the addition of traits into Limagrain varieties is invaluable, including PoSH, TuYV resistance and N-Flex. These genetics add to the crops defence providing on farm flexibility and securing yields.

With this in mind it is exciting to see Limagrain continue to produce trait stacked varieties with on farm security at the forefront of the breeding effort.



SCAN FOR MORE DETAILS

## FULLY LOADED HYBRID

### LG CONSTRUCTOR CL

BREEDERS REFERENCE: LE17/335  
TRIAL STATUS: UK RECOMMENDED



Short, stiff strawed hybrid variety. Tolerant to Clearfield® herbicides and with the added security of TuYV and POSH



### KEY STRENGTHS

Tolerant to Clearfield® herbicides

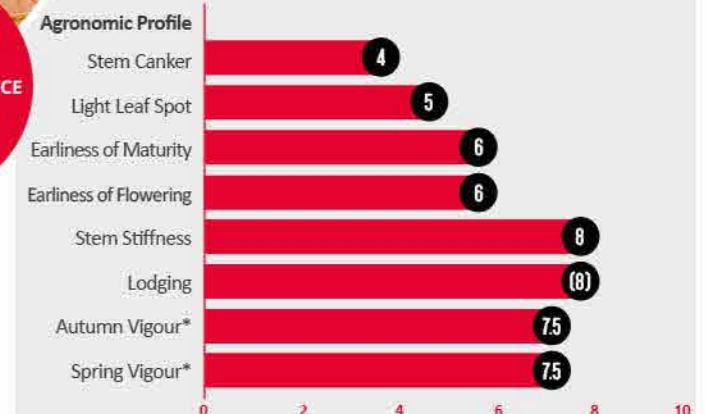
Useful where late or strong applications of ALS herbicides applied to previous crops

Shorter than traditional Clearfield® varieties with good standing

Solid disease resistance profile

Strong autumn growth habit

### AGRONOMIC PROFILE



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# CROP NUTRITION

## FULLY LOADED HYBRID

### LG WAGNER

BREEDERS REFERENCE: LE19/428  
TRIAL STATUS: NORTH RECOMMENDED

High yielding fully loaded hybrid with characteristics suited to difficult growing environments



A healthy crop is the key to high yields and high quality come harvest. Any nutrient deficiency will reduce the ability of oilseed rape not only to grow according to its genetic potential but also to resist insect pests and diseases to remain healthy.

This was particularly pronounced last autumn after the prolonged period of above average rainfall led to readily leachable nutrients like Boron and Molybdenum being washed out of the establishing oilseed rape's rooting zone. It isn't just Boron and Molybdenum, other nutrient deficiencies regularly show up in tissue analysis, including Magnesium and Manganese.

Tissue testing is a reliable way of monitoring the health of the crop during the growing season and helps you make informed decisions.

Don't get caught out - prevention is better than cure, apply micronutrients before any visual symptoms of deficiency are seen in the field. Think 'Nutrient Sufficiency' rather than having to react to a nutrient deficiency.

Different crops have different requirements so the crop specific formulation of YaraVita Brassitrel Pro which contains Nitrogen, Boron, Calcium, Magnesium, Manganese and Molybdenum delivers all the essential micronutrients for the oilseed crop's needs.

#### Seed Development

- Mn is involved in lipid synthesis, increasing the seed oil content.

Mn

#### Even Flowering

- B has an important role in flowering. Even flowering produces more pods and seeds per pod.

B



#### Good Plant Structure

- B and Ca play important roles in plant structure

B

Ca

#### Green Leaves and Healthy Canopy

- Mg is a key component of chlorophyll
- Mn plays a key role in photosynthesis
- Optimum Mo maintains leaf blade area
- N is important to produce large, leafy plants

Mg

Mn

Mo

N

An autumn application can reduce the susceptibility of oilseed rape to disease and help to strengthen the crop heading into winter. In a series of replicated trials over six years, two applications of 3.0lts/ha Brassitrel Pro, once in the autumn followed by the same again just prior to stem extension in the spring, has delivered an average yield increase of 0.29t/ha



The extra yield required to cover the cost of that program is less than 80kg/ha at current market values.

Brassitrel Pro is a simple one can product that is easy to handle and use, is widely tank mixable and provides a safe and long-lasting feeding effect to oilseed rape.



SCAN FOR MORE DETAILS

## FULLY LOADED HYBRID

### LG AVIRON

BREEDERS REFERENCE: LE17/332  
TRIAL STATUS: UK RECOMMENDED

Very vigorous fully loaded hybrid demonstrating consistently high yield potential across all regions and seasons



## KEY STRENGTHS

Exceptional autumn and spring vigour

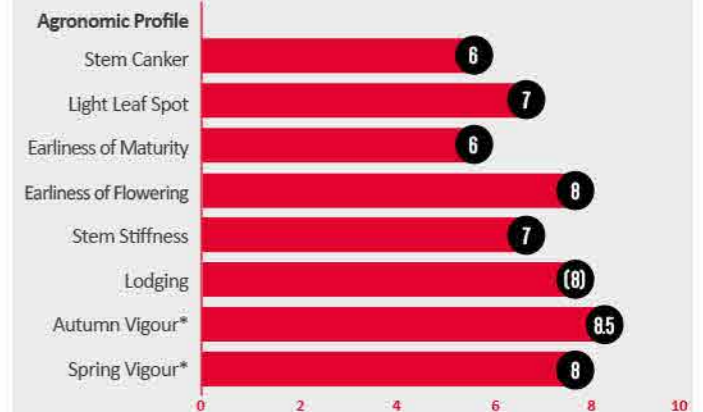
Suited to a main to late drilling window

Fully loaded hybrid N-Flex, RLM7+, POSH and TuYV

Consistently delivers yields even in challenging seasons

Very strong resistance to Light Leaf Spot, with one of the highest LLS scores available

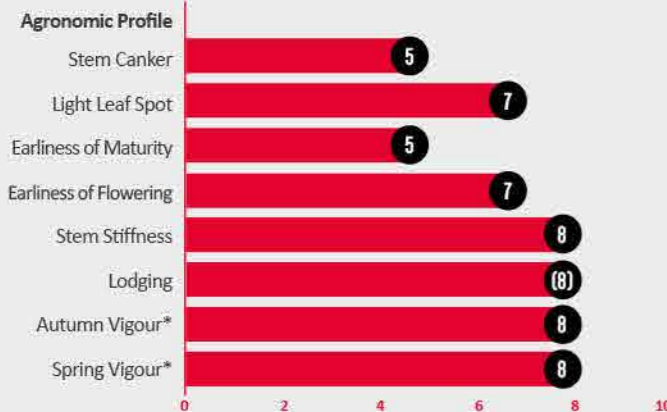
## AGRONOMIC PROFILE



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.



## AGRONOMIC PROFILE



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# WINTER BARLEY CHOICE MADE EASY



## LG CARAVELLE WINTER BARLEY

- Highest yielding 2 row winter barley on the 24/25 RL
- Robust disease resistance package
- Excellent specific weight



# CLUBROOT IN SCOTLAND

Oilseed rape variety choice in Scotland is largely determined by two diseases, Light Leaf Spot and Clubroot. The former requires careful selection to ensure resistance, or at least tolerance. With well over half of land tested showing infection present, Clubroot risk remains considerable. Worryingly, in areas such as the North-East of Scotland you could be looking at 75% of land being infected with Clubroot.



Given the importance of winter oilseed rape as a break crop, it is essential to manage the crop in such a way that the risk is minimised. The use of resistant varieties has been widespread in Scotland since the introduction of Mendel in 2003. Unfortunately, current resistant varieties still base their resistance on the same genetic toolbox as Mendel. Growers have found to their detriment that this resistance will break if pushed too hard, hence the need to look at a minimum of a five-year rotation.

With a half-life estimated at 4 years for the Clubroot pathogen (*Plasmodiophora brassicae*) the longer the gap between oilseed rape and other susceptible crops, the better. Planning, testing of fields for infection and monitoring of crops for infected areas are all essential tools in the ongoing battle. It has been particularly noticeable in the last few years that some cover crop mixtures can exacerbate Clubroot occurrence. In my own recent experience with relatively "clean" land, only one previous oilseed rape crop showed severe symptoms after cover crops were grown. This highlights yet another aspect to consider when choosing what and where to grow cover crops.

While wet and warm autumns certainly encourage disease development, there is not a huge amount we can do to control the weather. We can minimise the risk of contamination from infected soil by cleaning down machinery between fields, which is of particular importance when using contracted in machinery. Ultimately, wet soils will always encourage clubroot, so any improvement to drainage will have a beneficial effect. All easier said than done, but not impossible.



Varying levels of clubroot found in this year's crop

SCAN FOR MORE DETAILS



# - THE VIEW FROM THE NORTH

## FULLY LOADED HYBRID

### LG ANARION

BREEDERS REFERENCE: LE17/340  
TRIAL STATUS: NATIONAL LISTED

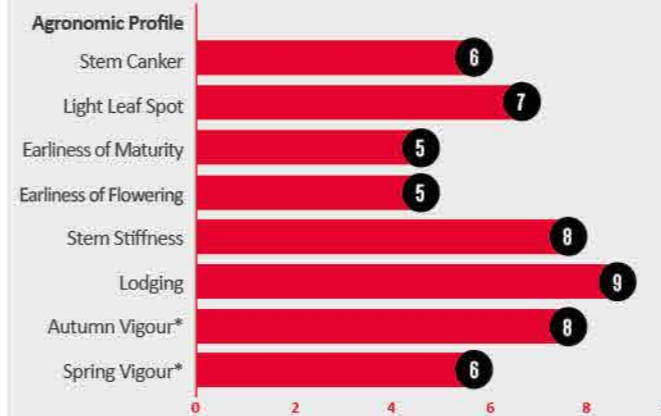
Fully loaded Clubroot resistant hybrid with high yield potential and robust disease resistance



### 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 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.



## FULLY LOADED HYBRID

### LG SCORPION

BREEDERS REFERENCE: LE18/359  
TRIAL STATUS: NATIONAL LISTED

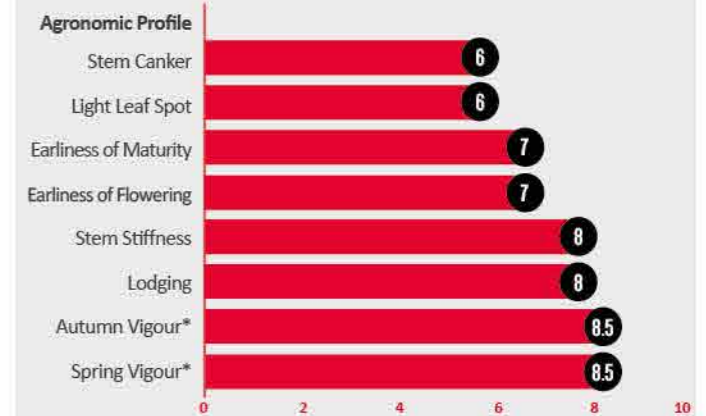
Fully loaded Clubroot resistant hybrid with high yield potential and robust disease resistance



### 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



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# TOP AGRONOMY TIPS IN THE AUTUMN

## ANYTHING BUT CONVENTIONAL

### ANNIKA

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

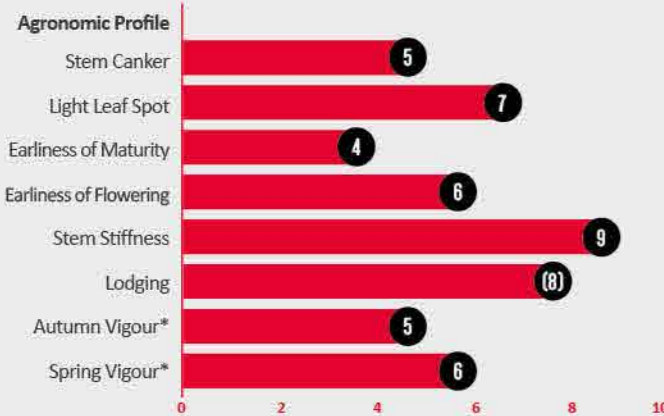


TuYV resistant conventional variety with a strong disease resistance profile that is well suited to the earlier drilling slot

### KEY STRENGTHS

- TuYV resistant conventional variety
- Very strong disease resistance
- Very well suited to earlier drilling
- Shorter plant with excellent stem stiffness
- High yield potential across all regions

### 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.



## ANYTHING BUT CONVENTIONAL

### AMARONE

BREEDERS REFERENCE: LEL18/416  
TRIAL STATUS: NORTH RECOMMENDED

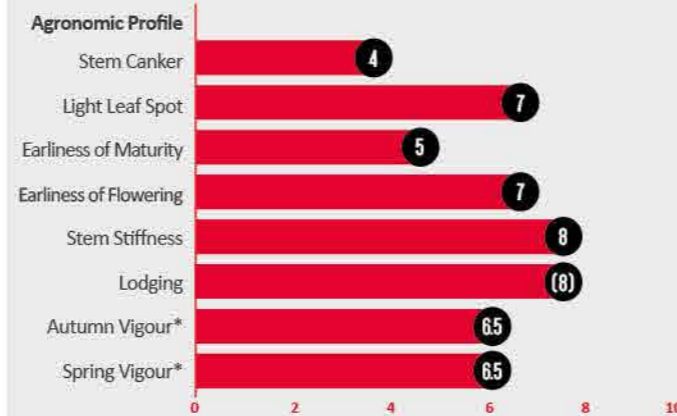


A high yielding TuYV resistant conventional with strong autumn and spring vigour

### KEY STRENGTHS

- TuYV resistant conventional variety
- Strong yield potential across all regions
- Good autumn and spring vigour
- Shorter, compact plant type
- Consistently high performance across regions

### 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.



## ANYTHING BUT CONVENTIONAL

### ACACIA

BREEDERS REFERENCE: LEL16/326  
TRIAL STATUS: UK RECOMMENDED

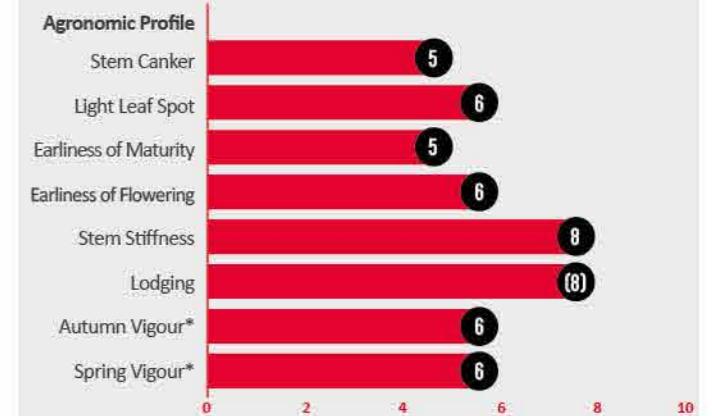


Acacia remains the most popular UK open pollinated variety. Offering high yields and consistency across seasons and regions

### KEY STRENGTHS

- The most popular conventional variety in the market
- Robust plant type with good straw strength
- Wide sowing window
- Solid disease resistance profile
- Proven on farm and trial performance across a number of years

### 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.



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



- Aim for fast even establishment - right seedbed conditions are key
- Aim for moderate plant populations which will produce robust plants - start the weed control early to remove competition
- Aim to keep plants low to the ground over winter - in certain early drilled crops an autumn PGR will be beneficial
- Aim to keep disease levels low through the season - monitor the crop in the autumn for Phoma and Light Leaf Spot

Weeds will also make the most of good growing conditions. Post-emergence herbicides provide a useful 'wait and see' approach, but particularly in the earlier drilled crops, some weeds will be too big by the time some post-emergence herbicides can be used. The use of a pre-emergence herbicide removes weed competition right from the start. The pre-em herbicide is also a good start to your blackgrass and ryegrass control programme, reducing the grassweed number for post-emergence clethodim and propyzamide to tackle later in the season.

If you think that the fields destined for drilling may harbour problem brassica weeds such as Charlock and Runch then consider a Clearfield® hybrid variety. Growing a Clearfield® variety allows the use of Cleravo® post-emergence herbicide which is the only reliable way to remove these highly competitive weeds. Use Cleravo® + Dash® adjuvant at 1-4 true leaves of the weeds.

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. Crops drilled in September should be closely monitored for Phoma and treated where 10% or more plants have leaf spots. Larger plants can tolerate a higher threshold of 10-20% plants with leaf spotting. 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.

A simple way to monitor crops regularly is by sampling leaves and incubating in a polythene bag at room temperature for 2-3 days.







# SOWING WINDOW

Autumn vigour is one of the first things growers ask about when considering an OSR variety to fit their rotation. When it comes to OSR establishment, it is important to look at vigour as a tool, not a Get out of Jail Free Card. Vigour offers growers a way to extend the sowing window, affording the leeway to drill when conditions are favourable.

OSR will germinate rapidly and getting it from cotyledon to 3-4 true leaves - the key period of risk for adult cabbage stem flea beetle damage - is critical to the success of a crop. Moisture remains key and by selecting a variety with better vigour, growers can have confidence in their decision to wait, drilling only when soil conditions are conducive.



SCAN FOR MORE DETAILS



RYAN KEMP, LG TRIALS OFFICER

“ OSR will germinate rapidly and getting it from cotyledon to 3-4 true leaves - the key period of risk for adult cabbage stem flea beetle damage - is critical to the success of a crop. ”

## SOWING WINDOW

	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
LG ARMADA					
LG ACADEMIC					
LG ADELINE					
AMBASSADOR					
AURELIA					
ATTICA					
LG AUCKLAND					
LG WAGNER					
AVIRON					
ANARION					
LG SCORPION					
ANNIKA					
AMARONE					
ACACIA					
LG CONSTRUCTOR					

Recommended sowing period  
Potential sowing period depending on seasonal conditions



# CONVENTIONAL VARIETY SELECTION GUIDE

	ANNIKA	ACACIA	ASPIRE	AMARONE
Data source	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25
Variety type	Conventional	Conventional	Conventional	Conventional
Status	Recommended	Recommended	Recommended	Recommended
Scope of Recommendation	E/W	UK	North	North
Gross output - UK (% controls)	99	98	96	95
Gross output - East/West region (% controls)	99	98	96	94
Gross output - North region (% controls)	98	99	98	100
Spring vigour *	5	6	4.5	6.5
Autumn vigour *	6	6	4.5	6.5
Resistance to lodging (1-9)	(8.0)	(8.0)	(7.9)	(8.0)
Stem stiffness (1-9)	9	8	8	8
Shortness of stem (1-9)	6	7	7	7
Plant height (cm)	142	138	134	136
Earliness of flowering (1-9)	6	6	7	7
Earliness of maturity (1-9)	4	5	5	5
Oil content, fungicide treated (%)	44.9%	44.9%	45.2%	44.7%
Glucosinolate (µmoles/g of seed)	11.6	8.1	9.9	11.9
Light leaf spot (1-9)	7	6	7	7
Stem canker (1-9)	5	5	5	4
Pod shatter resistance	-	-	-	-
TuYV	Y	-	Y	Y
N-FLEX	-	-	-	-
Stem Health	-	-	-	-
Clearfield®	-	-	-	-

GROSS OUTPUT

VIGOUR

AGRONOMIC CHARACTERS

SEED QUALITY

DISEASE RESISTANCE

SPECIAL TRAITS

All data from the AHDB Winter Oilseed Rape Recommended Lists 2024/25  
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





# HYBRID VARIETY SELECT ION GUIDE



	LG ARMADA	LG ACADEMIC	LG ADELINE	ATTICA	LG WAGNER	LG AUCKLAND	AMBASSADOR	AURELIA	LG AVIRON	LG CONSTRUCTOR CL
Data source	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25	AHDB RL 2024/25
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	UK	UK	UK	North	E/W	E/W	UK	UK	UK
Gross output - UK (% controls)	107	106	106	105	103	105	104	103	102	92
Gross output - East/West region (% controls)	106	106	106	105	102	105	104	103	102	93
Gross output - North region (% controls)	107	107	108	104	108	103	101	102	103	89
Spring vigour *	9	8.5	9	8.5	8	8	8.5	8	8.5	7.5
Autumn vigour *	8	8	8	8	8	8	7.5	7	8	7.5
Resistance to lodging (1-9)	(8.0)	(7.9)	(8.0)	(7.9)	(8.0)	(7.8)	(8.0)	(7.9)	(7.8)	(7.9)
Stem stiffness (1-9)	8	8	8	8	8	7	8	7	7	8
Shortness of stem (1-9)	5	5	6	6	6	6	6	6	6	6
Plant height (cm)	152	152	150	148	142	148	146	143	147	142
Earliness of flowering (1-9)	5	7	7	7	7	7	7	7	8	6
Earliness of maturity (1-9)	5	5	5	5	5	5	6	5	6	6
Oil content, fungicide treated (%)	45.5%	45.2%	44.9%	45.3%	45%	45.5%	44.7%	44.8%	44.4%	44.1%
Glucosinolate (µmoles/g of seed)	12.6	14.1	14.7	12	11.7	12.2	10.9	10.2	11.2	15.8
Light leaf spot (1-9)	7	7	7	7	7	7	7	7	7	5
Stem canker (1-9)	6	6	6	5	5	5	6	5	6	4
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	-	-	-	Y	-	Y	-
Stem Health	Y	Y	Y	Y	-	Y	-	-	-	-
Clearfield®	-	-	-	-	-	-	-	-	-	Y

All data from the AHDB Winter Oilseed Rape Recommended Lists 2024/25

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





# FULLY LOADED HYBRIDS



**RLM7**

Genetic resistance  
to Phoma



**STEM HEALTH**

Disease resistance to  
maximise gross output



**CLUBROOT**

Genetic tolerance  
to club root



**TUYV**

The foundation of IPM  
in OSR crops



**N-FLEX**

Yield retention in  
sub-optimal nitrogen



**POD SHATTER**

The final level of  
yield security



**SCLERO-FLEX**

Genetic tolerance  
to Sclerotinia



## LG OILSEED RAPE

Trait focused hybrids, bred with security in mind

