

# Regional Seed Guide

**2026|27**

A comprehensive guide to varieties including data on yield and disease risks with drilling and rotation considerations.

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# INTRODUCTION

The Autumn Seed catalogue provide a comprehensive description of all the main varieties of cereals, pulses and oilseed rape being marketed by GFP for the 2026/27 season. The data has been drawn from a combination of our own trials, AHDB Recommended List trials and information from plant breeders.

For each variety, where applicable, we have included AHDB yield data, agronomic characteristics and technical comments. In addition you will find data from our own observations made throughout the season, such as vigour in oilseed rape and tillering capacity in wheat.

Each species section also includes relevant market information and considerations for variety selection. These cover drilling timings, disease risk, geographical location and rotation. This information does not constitute a recommendation but is designed as a guide to the varieties agronomic characteristics.

If you have questions about any of the varieties and advice featured in this guide, please speak to your local GFP farm trader or agronomist. Alternatively, you can call **01652 636444**.



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**Don't miss our sister publication, the Belmont Seeds Conservation, Environmental & Game Cover Seed Guide.**



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## THE GFP STANDARD FOR SEED QUALITY

**Once you have invested the time to select the right variety for your situation, ensuring that you source the highest quality seed to drill is vital for optimising yields and achieving a successful crop.**

At GFP, we work hard to far exceed the mandatory minimum standards during our seed production, providing industry leading quality, delivered right when you need it.

To ensure that the highest quality is standard at GFP, we multiply our own seed through regularly inspected seed crops and operate 2 static seed plants based in Lincolnshire each using state of the art cleaning technology.

**“At GFP, ensuring the very highest standard of seed is our mission.**

From ensuring the crop is clean in the field to implementing rigorous quality control during seed processing at site, we ensure we’re setting the standard at every stage of seed production.

Our cleaning process involves operators taking samples continually to be assessed by the lab to ensure consistency. Our average purity level across 1427 certification samples during the 2024/25 season was 99.91%, and the average germination was 96.95% across all species processed by GFP.








Combined with our expert insights into variety choice, underpinned by our £1 million annual investment in independent trials research and our relationships with seed breeders, we ensure GFP customers have the very best in seed quality and the right information to make an informed decision on their variety choice.”

### The GFP Standard





We work to far exceed the minimum standards for seed marketing, providing industry leading quality.

All GFP processed seed currently undergoes erucic acid testing before sale. We test both on farm and during production prior to chemical treatment. At the time of publication, all samples tested have been well below the required standard.

## Oilseeds

Number of impurities tolerated per 500g bag	Industry minimum standard	Marketing standard GFP aims to achieve
Seeds of other plants	 0.3%	0
Wild oats	 0	0
Docks	 25	0
Wild radish	 50	0
Cleavers	 No standard	0
Charlock	 No standard	0
Fragments of sclerotia	 50	0
Inert material	10g	5g
Purity	98%	99%
Germination	85%	90%

## Cereals

Number of impurities tolerated per 2kg bag	Industry minimum standard	C2 Higher Voluntary Standard	Marketing standard GFP aims to achieve
Seeds of other cereals	 28	6	1
Seeds of other species	 28	4	1
Maximum species total	40	8	1
Wild oats	 2	0	0
Ergot pieces	 12	2	1
Inert material	40g	20g	4g
Purity	98%	99%	99.8%
Germination	85%	85%	95% Target
Loose smut	0.2%	0.2%	0% (Control via seed treatment)

## MOBILE SEED CLEANING/DRESSING UNITS

### Our farm saved seed service allows you to:

- Improve cash flow, gross margin and profitability.
- Achieve uniform quality drilled seed.
- Ensure full seed traceability.
- Optimise drilling dates through flexible processing.

We continue investing in our people and machinery, including the addition of two new mobile units each year. This year, we are introducing a new high-capacity optical unit for ergot removal:

- Runs approx. 20-26 tonnes per hour dependant on sample.
- Quick setup time of 30 minutes.
- Expert operators maintaining sample quality.
- Minimal grain losses.
- Industry leading camera technology that detects on size, colour and shape.

### The Benefits of Our Full Gravity Table Separation:

- Seeds are separated by specific weight.
- Uniform quality seed samples give greater seed rate accuracy when drilling.

- Advanced purity and germination.
- Removes shrivelled, diseased, and damaged grains.
- Removal of weed seed (some of which may be resistant).
- Improved vigour and establishment.
- Only apply seed treatments to bold, superior seed.





## Experienced Trained Operators:

High capacity seed cleaning and chemical treatment machinery will only work efficiently if set up by skilled operatives.

GFP employ fully trained, experienced operators to ensure correct, precise machine adjustment and quality control.

They are also competent in the safe, precise and accurate application of seed treatments.

We have access to depots throughout the southern half of the UK, with good access to main road works, which ensures a timely service for customers.

We operate a fleet of high specification, revolutionary mobile seed processing units.

And most importantly, we have a team of experienced operators and support engineers at your service.

Find out more by calling **01652 636444**





- On farm bulk cleaning with optical /colour sorter.
- Ergot Removal (20 tonnes / hour)
- Debugging Wheat (No Chemicals 30-40 tonnes / hour)
- Admix in OSR (30 tonnes / hour)
- Lifting Bushel Weights (30 tonnes / hour)
- Reducing Screenings in Barley or Wheat (30-40 tonnes / hour)

Call (01652) 636444 to discuss your requirements



## DEMONSTRATION SITE

**The GFP demonstration ground is essential to our business. Here samples of new and more established varieties are grown under a normal farmer input regime on soil types and conditions in keeping with our region. If varieties are judged to be suitable for our farmer clients they will appear in our portfolio of varieties for sale. This year we will be including a selection of Belmont game cover and grass leys in the trials including our popular Topcut, Smithfield and Flexisward mixtures.**

It is invaluable to use breeders and private trials data along with our own assessments on a daily basis, to have the confidence in new products and know the pros and cons of each variety.

We welcome anyone to visit our site for a tour at anytime of the growing year.



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## VARIABLE RATE SEED:

## LAYING THE GROUNDWORK FOR OPTIMUM YIELD

**Getting seed rate right is critical for crop success. Too few seeds lead to poor establishment, delayed maturity, and increased weed pressure; too many seeds increase costs, risks lodging and reduces grain quality. The goal is a uniform, optimal plant population to maximise light interception, water use, and nutrient uptake.**

At GFP, we work hard to far exceed the mandatory minimum standards during our seed production, providing industry leading quality, delivered right when you need it.

To ensure that the highest quality is standard at GFP, we multiply our own seed through regularly inspected seed crops and operate 2 static seed plants based in Lincolnshire each using state of the art cleaning technology.



## Soil type is one of the biggest influences on establishment

Heavy soils can create cloddy seedbeds, reducing soil-to-seed contact and slowing emergence. They stay cooler and wetter, lowering seed vigour. Slug damage is also greatly increased.

Light soils break down easily, creating a fine tilth that promotes excellent seed contact, better germination, and stronger establishment and crop stands with fewer losses

Aligning seed rates to soil conditions, seedbed quality and expected plant losses lays the foundation for healthier crops and better yields.

### How variable rate technology works

- 1. EMI survey** – Our precision team maps soil variability using electrical conductivity, which relates to changes in clay and sand content, moisture, % stones, and soil depth.
- 2. Ground-truthing** – Field checks calibrate EMI data for accuracy. Each conductivity zone has a full soil survey description assigned to it.
- 3. Assign establishment rates** – Each soil type zone is assessed for seedbed quality and potential winter losses. Heavy clay typically achieves around 60%, medium soils 70–75%, and light soils up to 90% establishment. Drawing on expert analysis, the specialised database, and site-specific local knowledge, the establishment layer is generated for each distinct soil profile.
- 4. Create seed rate map** – In our app, choose kg/ha, seeds/m<sup>2</sup>, or plants/m<sup>2</sup>. Use the thousand grain weight and target plant numbers to calculate precise rates. For example, if the target is 200 plants/m<sup>2</sup> and establishment is 60%, 333 seeds are required to optimise the crop.

### Why it pays

Variable rate drilling achieves closer-to-target optimum plant populations across variable soils, improving yield potential and input efficiency. Extensive experience and trial work by the precision team demonstrates clear yield benefits over flat-rate drilling, particularly in fields with contrasting soil types.

# VARIETY ICONS KEY

For quick reference to see which varieties carry different genetic or functional traits, we have included the following symbols on each variety profile.

## Oilseed rape

**TuYV** **TuYV Resistant**  
Genetic resistance to the turnip yellows virus.

**RLM7**  
Has the RLM7 major gene for stem canker resistance.

**RLM12**  
A new source of resistance to stem canker.

**RLMS**  
Has the RLMS major gene for stem canker resistance.

**PSR**  
Genetic resistance to pod shatter. Exhibits a high level of pod shatter resistance, to avoid yield losses in bad weather.

**CR** **Clubroot resistance**  
Genetic resistance to one or more of the major strains of clubroot found in UK soils.

**CL** **Clearfield**  
Clearfield genetics for growers looking to manage cruciferous weeds or volunteers in their rotation.

## Cereals

**1<sup>st</sup> wheat**  
Particularly well suited to being sown as a first cereal.

**2<sup>nd</sup> wheat**  
Particularly well suited to being sown as a second or continuous cereal.

**Heavy land**  
Particularly well suited to being sown on heavy land sites.

**Light land**  
Particularly well suited to being sown on light land sites.

**Early sown**  
Particularly well suited to being sown at an early drilling date.

**UKS**  
Meets the specification for UKS biscuit wheat for export.

**UKP**  
Meets the specification for UK bread wheat for export.

**Wide sowing**  
Varieties offering good performance over a wide range of sowing dates.

**Early drilling**

**Late drilling**

**1<sup>st</sup> cereal**

**MBC Fully approved for malt distilling**

**MBC Fully approved for grain distilling**

**MBC Under test for malt distilling and brewing**

**MBC fully approved for brewing**

**SWRI (distilling-high)**

**SWRI (distilling-medium)**

**BaY MV1**  
This variety has genetic resistance to damage and yield loss from barley yellow mosaic virus strain 1.

**BaY MV2**  
This variety has genetic resistance to damage and yield loss from barley mosaic virus strain 2.

**SBW MV**  
Soil-borne wheat mosaic virus resistance  
Genetic resistance to yield losses from soil-borne wheat mosaic virus.

**Pch1**  
This variety has the major Pch1 gene, which provides superior resistance to eyespot; ideal for second cereal situations.

**OW BM**  
This variety has genetic resistance to damage and yield loss from orange wheat blossom midge.

**WDV tolerant**

**BYDV resistant**



# WINTER OSR

2026/27 VARIETIES

## WINTER OILSEED RAPE

### It's time to focus on this valuable break crop.

Oilseed Rape can boost long-term yields, improve soil structure, help spread harvest workloads and help to control pests and diseases, making it one of the most valuable and effective break crops in a rotation.

### Selecting the right genetics for your farm

- 1 What's your location?**  
Geography can influence pest pressures with light leaf spot and club root resistance being concerns for more northern growers, whereas stem canker and CSFB can be more widespread issues.
- 2 How long is your rotation?**  
Shorter rotations can increase pressures from CSFB and trash-borne diseases such as stem canker or soil-borne issues like Verticillium wilt.
- 3 What is the soil type of the field?**  
Heavy and light land can impact on crop vigour and establishment.
- 4 When are you planning to drill?**  
Think about your drilling window and plan to go earlier with varieties that have good early vigour whilst leaving later drilled specialists such as many hybrids to the end of the OSR drilling window.
- 5 Use genetics with chemistry to combat known problems:**  
An example would be the use of Clearfield® – varieties to combat problem brassica weeds.

## 7 key actions for getting a successful OSR crop this season

Once you have invested in the right variety for your site and end market options, it's time to focus on good practice to get the most out of your crop. Whilst weather will undoubtedly have a significant impact on crop establishment and development, good crop management will help boost performance.

1

Get off to a good start – manage volunteer cereals and use appropriate cultivations to get the best seed bed possible and minimise moisture losses.

2

Choose appropriate seeds rates for your site and the variety you have chosen to reduce problems later in the growing season. Hybrid drilling rates are suggested at 50 seeds/m<sup>2</sup> whereas conventional types should be sown in the range of 80-110 seeds/m<sup>2</sup> which equates to roughly a target of 30/40 plants /m<sup>2</sup> after winter, taking into account in-field losses.

3

Drill when there is sufficient moisture available – if there is little moisture consider delaying drilling; practice minimal soil disturbance to minimise losses.

4

Think about rolling after drilling to get the best seed to soil contact.

5

Check the crop is established and monitor early phase development.

6

Monitor spray thresholds for pests and diseases routinely to keep the crop standing through to harvest.

7

Choose the harvesting method desiccation, or direct combining suitable for your situation.

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## **GFP have a number of OSR de-risking schemes available, please contact us to discuss.**

**“** OSR establishment remains challenging given the impact of the weather and continued threats such as cabbage stem flea beetle.

The resilience of farm businesses is critical for continuity of supply, but when shouldering much of the risk associated with growing the crop it can be difficult for some farmers to justify it in the rotation – it needs to be commercially sustainable.

Now entering its third year, our OSR de-risking partnership has supported more than 200 growers across 11,000 hectares, relieving over £1 million of risk. We aim to ensure farmers can make the most of strong market opportunities for oilseed rape without having to bear the financial burden in a scenario where the crop fails. **”**

## Companion crops

Companion cropping within oilseed rape has become an established and effective strategy for mitigating damage caused by cabbage stem flea beetle (CSFB). Recognised for its agronomic and environmental value, the use of companion crops is now supported through several public and private funding initiatives, including our Oilseed Rape De-Risking Partnership.

Selecting the right companion species – sown either prior to or at the time of drilling – can help deter CSFB activity, improve crop establishment and enhance overall system resilience. The four main components we use in our companion crop mixes are:

### Berseem Clover

#### Why?

Berseem clover provides valuable crop nutrition benefits when used as a companion in oilseed rape.

#### How?

- As a legume species, it begins fixing atmospheric nitrogen within nine weeks of establishment, improving soil nutrient availability.
- It naturally decomposes in early spring, releasing nitrogen and other nutrients to support the developing oilseed rape crop.

### Fenugreek

#### Why?

Fenugreek helps to disguise oilseed rape plants from cabbage stem flea beetle (CSFB), reducing pest pressure during establishment.

#### How?

- It produces a distinctive aroma that masks the natural plant volatiles used by CSFB to locate oilseed rape.
- This olfactory masking effect makes the crop less attractive to adult beetles, supporting stronger and more uniform establishment.

### Buckwheat

#### Why?

Buckwheat attracts beneficial insects and contributes to improved crop nutrition within the oilseed rape system.

#### How?

- It produces pollen and nectar that attract beneficial insects such as parasitic wasps, which prey on CSFB larvae.
- Being frost-susceptible, it naturally dies back over winter and, as it decomposes, helps mobilise phosphate in the soil, making it more available to the establishing OSR crop.

### Tataricum Buckwheat

#### Why?

Tataricum buckwheat provides a protective canopy to shelter emerging oilseed rape plants, supporting strong crop establishment.

#### How?

- Flowering later than standard buckwheat, it produces greater biomass, creating a denser canopy that shields young plants from pests and environmental stress.

Companion cropping within oilseed rape has become a popular method of mitigating the damage.

Mixture Name	Berseem Clover	Fenugreek	Buckwheat	Tataricum Buckwheat	Pack Size
K12 Companion Crop Mix 1	✓	✓	✓		3ha
K16 Companion Crop Mix 2	✓	✓			3ha
K18 Companion Crop Mix 3	✓		✓		3ha
K86 Companion Crop Mix 4	✓	✓		✓	3ha
K91 Companion Crop Mix 5	✓		✓	✓	3ha
K113 Companion Crop Mix 6		✓	✓	✓	2ha
K127 Companion Crop Mix 7		✓	✓		1ha

We do not advocate mixing companion crop seed with oilseed rape seed, as differing seed sizes can lead to separation and seed rate inaccuracies. Straight species are also available.

## Living Mulch Blend

**K163**

**A ready-to-go living mulch mix suitable for sowing ahead of or alongside a range of combinable crops.**

Contains: Rivendel, AberAce and Jura small-leaved white clover and subterranean clover.

**5kg/ha 25kg pack**



# HIGH YIELDS STRONG RESISTANCE

## RGT EROS

Strong combination of  
phoma and LLS resistance



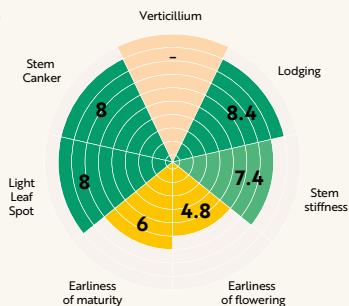
## RGT Eros – RAGT NPZ, UK NEW RLMS

New for growers this season is RGT Eros, which offers great yields backed by strong disease resistances to deliver consistency over sites and seasons.

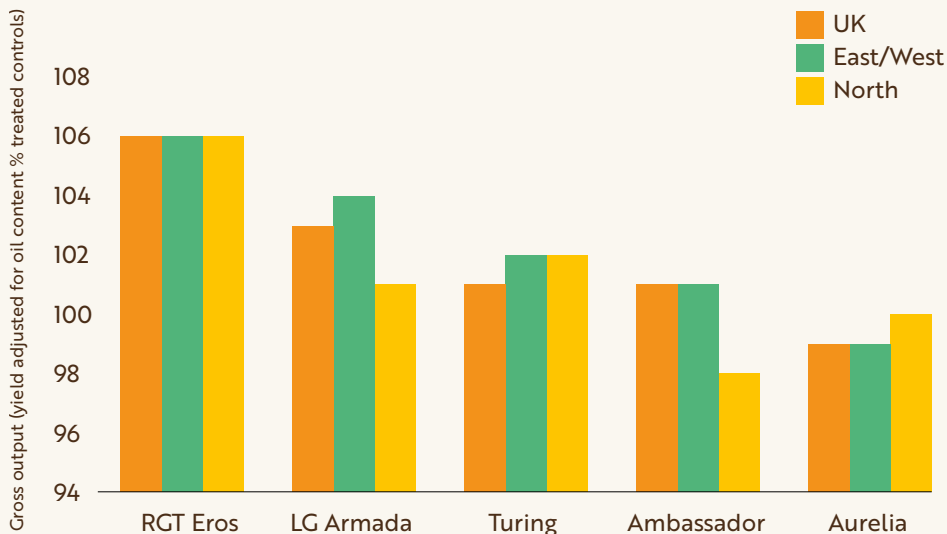
Type	Hybrid, double low
AHDB recommended	AHDB Candidate Harvest 2026
UK Gross output (% controls)*	106
East/West Gross output (% controls)*	106
North Gross output (% controls)*	106
Untreated yield (% controls)*	–
Oil content (fungicide-treated controls %)*	47.1
Glucosinolates (µmol/g)*	10.3

\*AHDB Recommended List Winter Oilseed Rape 2026/27.

RGT Eros offers growers very high yield no matter the site or season, delivering strong gross outputs in trials over the contrasting seasons of 2024 and 2025. It's a vigorous hybrid that gets away and establishes well at plantings. This variety has a good disease package with twin 8s for light leaf spot and stem canker resistance. A medium-tall variety, RGT Eros flowers early and has good stem stiffness to protect seed yields all the way through to harvest.



## RGT Eros – excellent gross output potential across all regions



## Dompteur DSV, UK

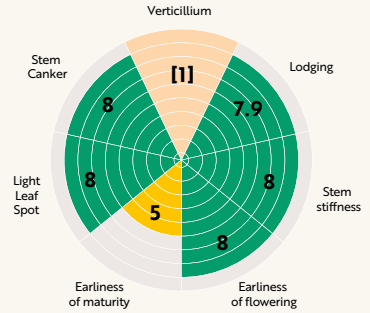


This variety, added to the 2026/27 Recommended List as the highest yields for winter OSR across the east, west and north of the UK, features top performing new genetics.

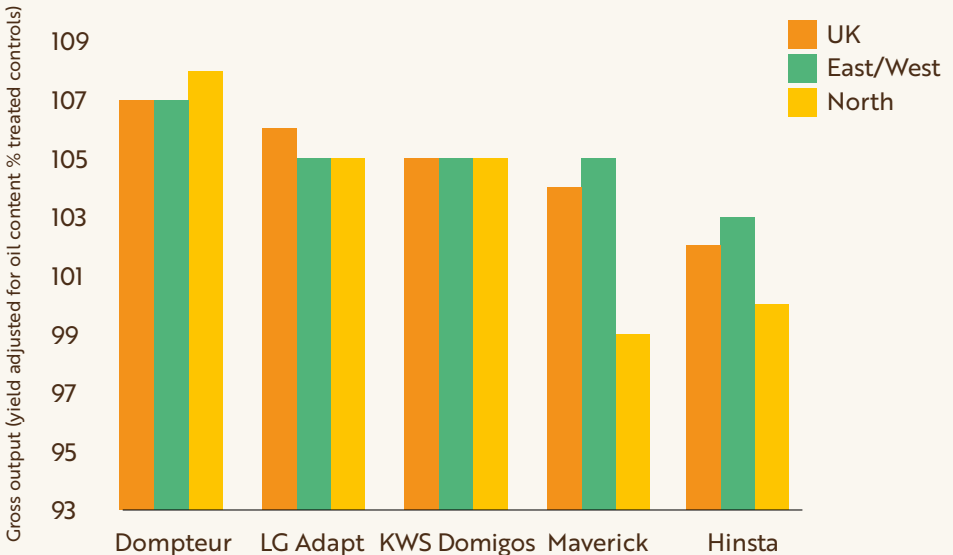
Type	<b>Hybrid, double low</b>
AHDB recommended	<b>New for the UK Recommended List for 2026/27</b>
UK Gross output (% controls)*	<b>107</b>
East/West Gross output (% controls)*	<b>107</b>
North Gross output (% controls)*	<b>108</b>
Untreated yield (% controls)*	–
Oil content (fungicide-treated controls %)*	<b>46.3</b>
Glucosinolates (µmol/g)*	<b>12.1</b>

AHDB Recommended List Winter Oilseed Rape 2026/27.

With super high yields over the past three seasons in all regions across the UK, Dompteur brings a great package of gross output potential, agronomic merit and disease resistance to growers this season. With twin 8s for light leaf spot and stem canker resistance, this exciting package is rounded off with TuYV and pod shatter genetics built-in for growers' peace of mind towards harvest.



## Dompteur – the highest-yielding winter OSR on the 2026/27 Recommended List





AI image.

# DOMPTEUR

## Hybrid Oilseed Rape

- Highest gross output and yield on the Recommended List .
- Phoma blocker – dual phoma resistance and excellent LLS resistance.
- Pod shatter resistance.
- Powerful establishment.
- Strong TuYV protection.



Innovation for  
your growth

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## Karat NPZ, UK

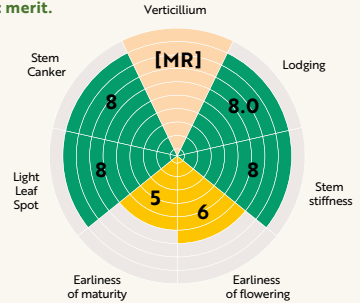


Exceptionally high gross output across all regions with excellent agronomic merit. It comes with the benefit of the new RLM12 resistance to stem canker.

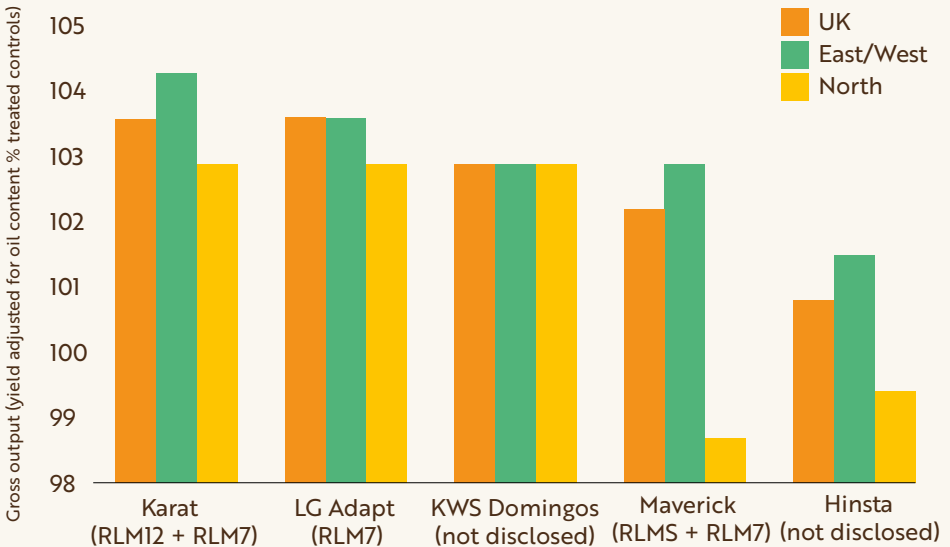
Type	Hybrid, double low
AHDB recommended	New for the UK Recommended List for 2026/27
UK Gross output (% controls)*	106
East/West Gross output (% controls)*	107
North Gross output (% controls)*	105
Untreated yield (% controls)*	-
Oil content (fungicide-treated controls %)*	46.8
Glucosinolates (µmol/g)*	11.2

\*AHDB Recommended List Winter Oilseed Rape 2026/27.

Karat is a new addition to the Recommended List that is just behind Dompteur for yield and performs especially well in the north. The variety has an excellent disease package, scoring 8s for stem canker and light leaf spot, with TuYV resistance built in. Interesting for many will be the inclusion of the RLM12 genetics, which offer robust resistance against *Leptosphaeria maculans*, the pathogen behind phoma stem canker. At 163cm, the plant is a taller type but has stiff straw with good lodging resistance.



## Karat has excellent gross output potential across all the UK regions





AI image.

# COGNAC

## Hybrid Oilseed Rape

- Very early regrowth and flowering.
- An all-around agronomy package that includes excellent protection against Verticillium wilt.
- Reduced risk of stem canker resistance breakdown due to new phoma blocker technology.
- Long duration for pod filling resulting from very early flowering and medium harvest.
- Compact plant type minimises damage when spraying during flowering and enhances the ability to harvest.



Innovation for  
your growth

[dsv-uk.co.uk](https://dsv-uk.co.uk)

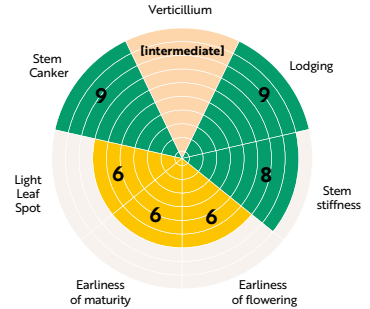
## Cognac DSV, UK



First variety in the UK to carry the new Phoma blocker trait which combines Phoma resistance genes LEPRI and RLM7. Cognac is the successor to Duke OSR.

Type	<b>Hybrid, double low</b>
AHDB recommended	<b>Non recommended</b>
UK Gross output (% controls)*	<b>106.8</b>
East/West Gross output (% controls)*	<b>107</b>
Untreated yield (% controls)*	–
Oil content (fungicide-treated controls %)*	<b>46.6</b>
Glucosinolates (µmol/g)*	<b>13</b>

\*AHDB Candidate List 2024/25.



Cognac has TuYv, good tolerance to Verticillium Stem Stripe. High yield & oil content with powerful autumn and spring vigour. A strong recommendation from GFP for this variety of OSR.

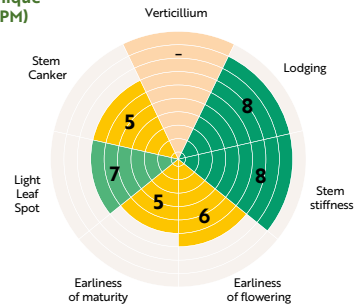
## LG Avenger Limagrain



A new variety from Limagrain whose trial work suggests LG Avenger has a unique growth habit that alongside a solid Integrated Pest Management Strategy (IPM) promotes Flea beetle resilience.

Type	<b>Hybrid, double low</b>
AHDB recommended	<b>UK Recommended Listed 2025 North</b>
UK Gross output (% controls)*	<b>104</b>
East/West Gross output (% controls)*	<b>104</b>
North region Gross output (% controls)*	<b>106</b>
Untreated yield (% controls)*	–
Oil content (fungicide-treated controls %)*	<b>46</b>
Glucosinolates (µmol/g)*	<b>5</b>

\*AHDB Recommended List Winter Oilseed Rape 2025/26.



## Duke DSV, UK

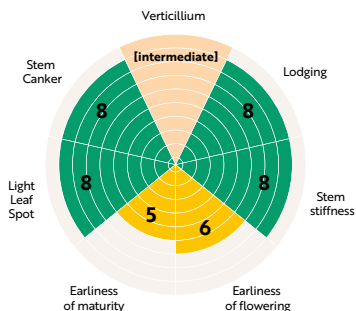


Duke is a variety that is already registered in several European countries including France and Poland. It has been trialled and tested extensively in the UK during the past two years.

Type	Hybrid, double low
AHDB recommended	–
UK Gross output (% controls)*	<b>105</b>
East/West Gross output (% controls)*	–
Untreated yield (% controls)*	–
Oil content (fungicide-treated controls %)*	–
Glucosinolates (µmol/g)*	–

\*DSV own trials.

Duke is a high yielding variety with excellent Oil Content of 45.6. It boasts three sought-after traits – TuYV protection, pod-shatter resistance and the RLM7 gene for stem canker resistance which, added to its powerful autumn vigour, makes Duke a must for growers planting into higher risk situations. Duke has a medium green leaf and is quick to put on additional leaves within the critical first 45 days of growth. The N-efficiency of this hybrid variety is extremely high supporting some impressive scores so far this year thanks to its extensive rooting system. Duke's standing power and resistance too are everything you would expect in a top variety. Duke has also shown exceptional vigour in the spring, making a quick start to grow away from other varieties. It has a mid-early flowering score but is slightly later to mature – this, in conjunction with Duke's Pod-Shatter Resistance package, will help to spread the harvest workload. The quick flowering period also gives Duke far higher potential for optimum grain-fill.



## LG Adeline Limagrain

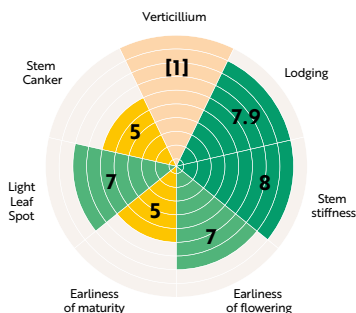


Very high gross output across all regions with TuYV and Pod Shatter resistance built in.

Type	Hybrid, double low
AHDB recommended	<b>North Recommended, listed since 2024 for UK</b>
UK Gross output (% controls)*	<b>102</b>
East/West Gross output (% controls)*	<b>102</b>
North Gross output (% controls)*	<b>103</b>
Untreated yield (% controls)*	<b>[103]</b>
Oil content (fungicide-treated controls %)*	<b>45.5</b>
Glucosinolates (µmol/g)*	<b>14.7</b>

\*AHDB Recommended List Winter Oilseed Rape 2026/27.

A seventh-generation hybrid from Limagrain's fully loaded hybrid portfolio, LG Adeline has exceptional gross output in the north where it performs better than older varieties such as Aurelia and Ambassador. The variety has good autumn vigour to help get it away and build biomass which is further boosted by its stiff straw and good standing (7.9). Good resistance to both stem canker and light leaf spot as well as genetic resistance to TuYV and pod shatter make this variety an excellent option for the north.



## Maverick NPZ, UK

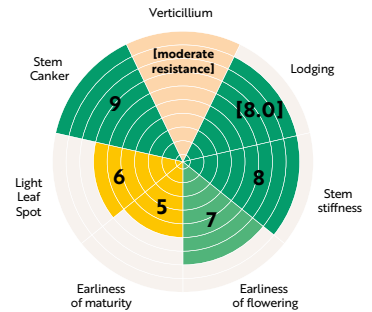


Growers looking for the best in stem canker genetics should take a closer look at Maverick and benefit from the high gross output potential in their rotation this season.

Type	Hybrid, double low
AHDB recommended	<b>UK Recommended, listed 2025 for East and West</b>
UK Gross output (% controls)*	<b>104</b>
East/West Gross output (% controls)*	<b>105</b>
Untreated yield (% controls)*	<b>[105]</b>
Untreated yield (% controls)*	<b>97</b>
Oil content (fungicide-treated controls %)*	<b>46.5</b>
Glucosinolates (µmol/g)*	<b>11.3</b>

\*AHDB Recommended List Winter Oilseed Rape 2026/27.

Maverick is the highest yielding oilseed rape on the 2025/26 AHDB Recommended list for the UK and in the east/west region. Its excellent gross output is thanks to its excellent seed yield (107%) adjusted with a high oil content of 46.0%. A medium-strawed variety with good standing ability ([8.0]), the variety has very strong autumn and spring vigour. Excellent disease resistance completes this exciting package, including 7 for light leaf spot, 9 for stem canker (RLMS and RML7) and TuYV resistance.



## Murray NPZ, UK

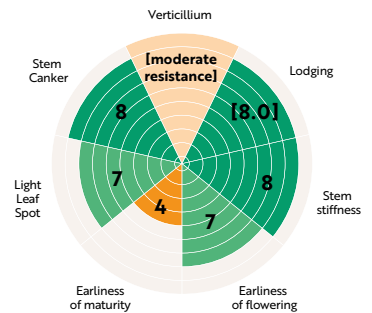


One for growers looking for one of the most complete disease resistance packages available including RLMS for stem canker, good light leaf spot and verticillium resistance.

Type	Hybrid, double low
AHDB recommended	<b>UK Recommended List since 2023 for East/West</b>
UK Gross output (% controls)*	<b>101</b>
East/West Gross output (% controls)*	<b>101</b>
North Gross output (% controls)*	<b>99</b>
Untreated yield (% controls)*	<b>102</b>
Untreated yield (% controls)*	<b>99</b>
Oil content (fungicide-treated controls %)*	<b>45.2</b>
Glucosinolates (µmol/g)*	<b>11.1</b>

\*AHDB Recommended List Winter Oilseed Rape 2026/27.

Murray remains a winning combination of high gross output and high seed yield specifically for the East/West regions. It combines the major gene for stem canker resistance (RLMS) with good light leaf spot scores (7) and strong spring vigour. Added to this, it features in the highest category of 'moderately resistant' to verticillium, showcasing its broad stem health characteristics.



## Matrix CL DSV, UK

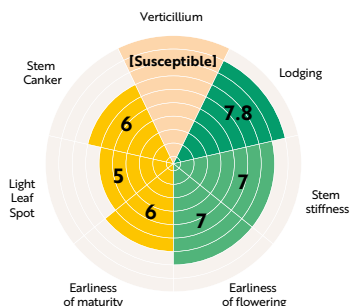


A first choice variety for growers looking to manage cruciferous weeds or volunteers in their rotation.

Type	<b>Hybrid, double low</b>
AHDB recommended	<b>UK Recommended List since 2022. UK-Specific tolerance to imidazoline herbicides</b>
UK Gross output (% controls)*	<b>92</b>
East/West Gross output (% controls)*	<b>92</b>
North Gross output (% controls)*	<b>92</b>
Untreated yield (% controls)*	<b>94</b>
Untreated yield (% controls)*	<b>93</b>
Oil content (fungicide-treated controls %)*	<b>46.2</b>
Glucosinolates (µmol/g)*	<b>14.2</b>

\*AHDB Recommended List Winter Oilseed Rape 2026/27.

Matrix CL is a high yielding Clearfield variety stacked with a raft of genetic traits including RLM7 for stem canker resistance, TuYV and all important pod shatter resistance to maintain yields through the harvest period. The only Clearfield OSR with a recommendation for the whole of the UK, Matrix CL has good autumn and spring vigour, and growers will benefit from its stiff straw in this mid-height variety.



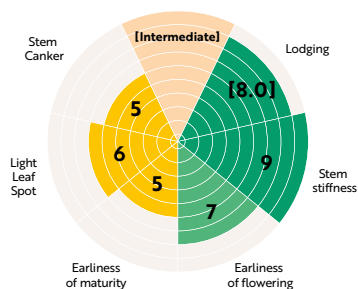
## Tom Cluser Breeding International GmbH

A super-stiff strawed type with better yields and disease package for growers than older conventional rapes like Acacia and Campus.

Type	<b>Conventional Open Pollinated, double low</b>
AHDB recommended	<b>UK Recommended, listed 2023</b>
UK Gross output (% controls)*	<b>97</b>
East/West Gross output (% controls)*	<b>97</b>
North Gross output (% controls)*	<b>98</b>
Untreated yield (% controls)*	<b>98</b>
Oil content (fungicide-treated controls %)*	<b>45.9</b>
Glucosinolates (µmol/g)*	<b>11.6</b>

\*AHDB Recommended List Winter Oilseed Rape 2026/27.

For growers who have maximised rape in their rotation using conventional types like Campus and market leading Acacia, Tom offers the next step in gross output and disease performance on-farm. Producing one of the highest oil contents of all conventional lines on the Recommended List (45.9µmol/g), the variety has good disease resistance including a 6 for light leaf spot and extremely stiff straw helping to keep the crop standing right through to harvest.



## Bacchus Cluser Breeding International GmbH

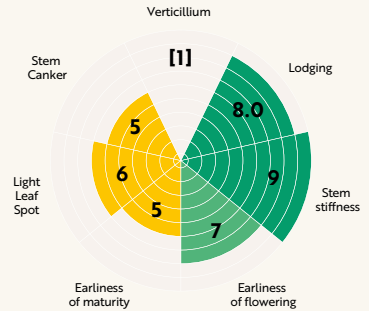
NEW

New for conventional rape growers, Bacchus delivers reliable yields across the regions over contrasting seasons.

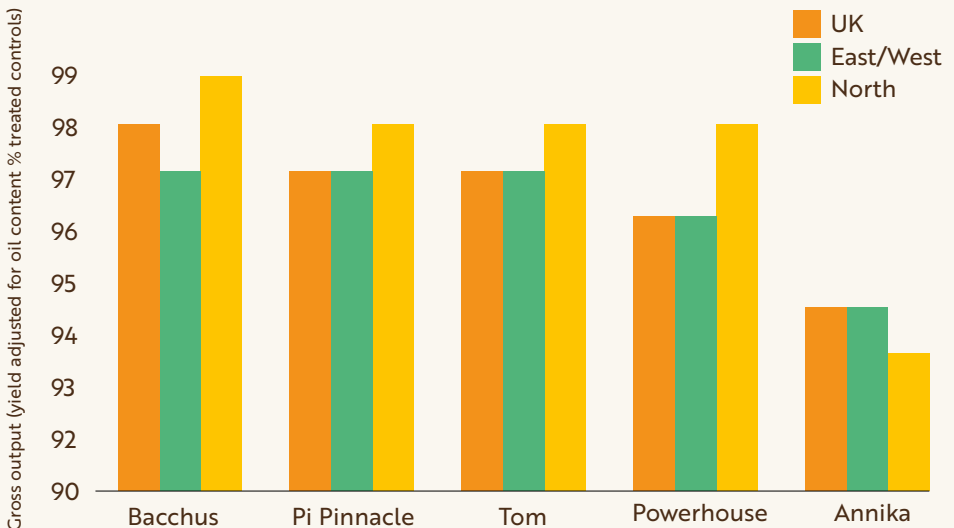
Type	Conventional Open Pollinated, double low
AHDB recommended	<b>UK Specific Recommendation, List since 2026</b>
UK Gross output (% controls)*	<b>98</b>
East/West Gross output (% controls)*	<b>97</b>
North Gross output (% controls)*	<b>99</b>
Untreated yield (% controls)*	–
Oil content (fungicide-treated controls %)*	<b>45.7</b>
Glucosinolates (µmol/g)*	<b>12.8</b>

AHDB Recommended List Winter Oilseed Rape 2026/27.

For growers looking for a vigorous conventional OSR this autumn, Bacchus is new to the Recommended List this season. It heads up the conventional types for gross output across all key rape growing regions and is backed with a good plant architecture, including stiff stems which have good resistance to lodging. It performs especially well in the AHDB north region. Like other conventional types such as Tom, Bacchus also has a high output and good all-round disease package.



## Bacchus – leading the pack of conventional rapes



# MANAGING CLUBROOT IN YOUR OILSEED

## RAPE CROP

Clubroot resistant varieties on the AHDB Recommended List have a specific recommendation for growing on land infected with common strains of clubroot. Growers should note that some strains of clubroot may overcome these resistances and are advised not to repeatedly grow these types of varieties to prevent resistance developing against these genes.



### 5 best practice steps to manage clubroot:

1

#### Lengthen your OSR rotation

Keep as long a gap between OSR crops as possible. The longer the break, the lower the level of clubroot within the soils will be. A minimum of 5 years is advised.

2

#### Manage your soils

Clubroot thrives in low pH soils, so regular soil testing and applications of lime to bring soils up to pH 7 can help to reduce infection. SOYL, our precision farming division, can provide soil testing, nutrient maps and variable rate lime application maps to help manage soil pH. High soil moisture can also increase clubroot pressure, so avoid drilling areas prone to waterlogging.

3

#### Don't drill too early

Clubroot activity is higher in warmer soils, so early drilling makes crops more vulnerable to the pathogen. Delay drilling into the second half of August or September, to lower the risk of infection.

4

#### Be aware of other hosts

OSR is not the only host of the clubroot pathogen, so be aware of other potential carriers of infection. Weeds, other brassicas, and some cover crop components such as mustard should be avoided in areas of clubroot pressure.

5

#### Grow a variety with clubroot resistance

Several AHDB recommended varieties have genetic resistance to common strains of clubroot. Varieties such as Crusoe and Crocodile can be sown in land with low levels of clubroot pressure. However, genetic resistance is not a miracle cure, and should be used in combination with the other management practices outlined here.

## Crusoe NPZ, UK

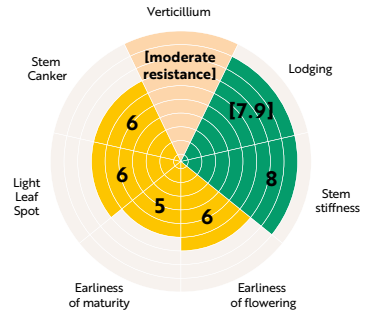


A step-change potential in yield for growers managing OSR in the rotation on clubroot infected land; some 4% higher gross output in the east/west than the nearest yielding clubroot resistant variety on the Recommended List.

Type	Hybrid
AHDB recommended	<b>UK Specific Recommendation, Listed 2025</b>
UK Gross output (% controls)*	<b>99</b>
East/West Gross output (% controls)*	<b>100</b>
North Gross output (% controls)*	<b>98</b>
Untreated yield (% controls)*	<b>[99]</b>
Oil content (fungicide-treated controls %)*	<b>44.9</b>
Glucosinolates (µmol/g)*	<b>12.6</b>

AHDB Recommended List Winter Oilseed Rape 2026/27.

Taking gross output yields across the UK and especially in the east/west (100% controls), Crusoe is a next generation hybrid WOSR for growers to use in the battle against clubroot. Higher yielding than Cromputer, Crusoe offers growers the benefits of good light leaf spot resistance (6), is moderately resistant to Verticillium stem stripe and has strong straw strength ([7.9]) despite being a taller type (161cm). When coupled with in-built resistance to TuYV, you have an excellent choice for clubroot infected land.



## Crocodile DSV, UK

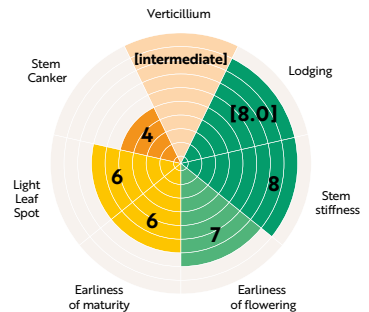


Tried and tested by farmers over the years, Crocodile is a consistent yielder, with a high untreated yield compared to other club root resistant hybrids and stiff straw.

Type	Hybrid
AHDB recommended	<b>E/W Specific Recommendation, Listed 2020</b>
UK Gross output (% controls)*	<b>95</b>
East/West Gross output (% controls)*	<b>96</b>
North Gross output (% controls)*	<b>[89]</b>
Untreated yield (% controls)*	<b>98</b>
Oil content (fungicide-treated controls %)*	<b>45.5</b>
Glucosinolates (µmol/g)*	<b>12.8</b>

AHDB Recommended List Winter Oilseed Rape 2026/27.

In its seventh year of widespread use on clubroot infected farms, Crocodile continues to offer growers resistance to the common strains of club root, coupled with a solid yield performance (89% controls in north) and good oil content (45.5%). The variety is stiff-strawed, offering good resistance to light leaf spot (6), although stem canker (4) will need to be monitored in the autumn and spring.



# WINTER OIL SEED RAPE 2026/27

	Variety type	Scope of recommendation	Variety status	Gross output, yield adjusted for oil content (% treated control)			Seed yield (% treated control)			Untreated yield (% untreated control) – UK		Disease resistance									
				United Kingdom (5.4 t/ha)	East/West region (5.3 t/ha)	North region (5.9 t/ha)	United Kingdom (5.0 t/ha)	East/West region (4.9 t/ha)	North region (5.3 t/ha)	Gross output (5.3 t/ha)	Seed yield (4.9 t/ha)	Light leaf spot (1–9)	Stem canker (1–9)	Verticillium	TuYV						
<b>HYBRID</b>																					
Dompteur	Hybrid	UK	NEW	107	107	108	106	106	106	–	–	8	8	[ I ]	R						
Karat	Hybrid	UK	NEW	106	107	105	104	105	102	–	–	8	8	[ MR ]	R						
LG Adapt	Hybrid	UK		106	106	105	103	103	103	[105]	[104]	7	5	[ I ]	R						
KWS Domingos	Hybrid	E/W	NEW	105	105	[105]	104	104	[104]	–	–	7	8	[ I ]	R						
Maverick	Hybrid	E/W	NEW	108	109	100	107	108	99	–	–	7	9	[ MR ]	R						
LG Academic	Hybrid	UK		104	104	103	103	103	105	[105]	[105]	7	6	[ I ]	R						
LG Armada	Hybrid	UK	C	103	103	103	102	102	102	[106]	[105]	7	6	[ S ]	R						
Turing	Hybrid	E/W	*C	103	103	102	104	104	102	100	100	7	4	I	–						
Hinsta	Hybrid	E/W		102	103	[100]	101	101	[99]	[100]	[99]	7	5	[ MR ]	R						
LG Avenger	Hybrid	N		102	102	103	101	101	102	[102]	[101]	7	5	[ S ]	R						
LG Adeline	Hybrid	N		102	102	103	102	101	103	[103]	[103]	7	5	[ I ]	R						
Magelan	Hybrid	E/W		102	102	[100]	100	101	[98]	[101]	[100]	6	6	[ MR ]	R						
Murray	Hybrid	E/W	*	101	101	98	101	102	99	102	102	7	8	MR	–						
Dolphin	Hybrid	E/W	*	100	101	97	98	98	95	[102]	[100]	6	5	MR	R						
<b>CONVENTIONAL OPEN-POLLINATED</b>																					
Bachus	Conv	UK	NEW	98	97	99	97	97	99	–	–	6	5	[ I ]	–						
Pi Pinnacle	Conv	UK	C	97	97	98	97	97	98	[96]	[96]	6	4	I	–						
Tom	Conv	UK		97	97	98	96	96	97	98	98	6	5	I	–						
Powerhouse	Conv	N		96	96	98	98	97	100	[98]	[99]	7	5	[ S ]	–						
Annika	Conv	E/W		94	94	93	94	94	93	92	92	7	5	MR	R						
<b>HERBICIDE TOLERANT</b>																					
LG Calvin CL	Hybrid	UK Sp	NEW	94	94	93	95	95	94	–	–	6	5	[ S ]	R						
Beatrix CL	Hybrid	E/W Sp		93	93	89	91	92	88	92	91	5	5	I	R						
Matrix CL	Hybrid	UK Sp		92	92	92	91	91	91	94	93	5	6	S	R						
Miraculix CL	Hybrid	N Sp	*	92	92	91	91	91	90	[92]	[92]	5	6	I	R						
<b>CLUBROOT RESISTANT</b>																					
Crusoe	Hybrid	UK Sp		99	100	98	100	101	99	[99]	[100]	6	6	[ MR ]	–						
Crios	Hybrid	N Sp	NEW	97	97	96	97	98	96	–	–	7	5	[ I ]	–						
Computer	Hybrid	UK Sp		97	97	95	96	96	95	[98]	[97]	6	5	[ MR ]	R						
Crocodile	Hybrid	E/W Sp	*	95	96	[89]	95	96	[89]	98	98	6	4	I	–						
Crome	Hybrid	N Sp	*	91	91	92	90	90	91	90	89	5	2	MR	–						
<b>DESCRIBED</b>																					
Eriksen	Hybrid	UK HEAR	NEW	95	96	90	94	94	90	[102]	[99]	5	8	[ MR ]	R						
Resort	Hybrid	UK HEAR		85	85	82	84	84	81	84	83	5	4	I	–						

Average LSD (5%)

3.8 4.2 4.4 3.6 4.1 4.2 5.6 5.3 0.6 1.0

Data from AHDB Recommended List 2026/27, reproduced with thanks to the AHDB and other associations responsible.

Agronomic features							Seed quality (at 9% moisture)		Annual treated gross output, yield adjusted for oil content (% control) – UK				Treatment benefit at co-located sites (% treated control, 5.5 t/ha) – UK		Breeder/UK contact		Status in RL system	
Resistance to lodging (1–9)	Stem stiffness (1–9)	Shortness of stem (1–9)	Plant height (cm)	Earliness of flowering (1–9)	Earliness of maturity (1–9)	Pod shatter resistance	Oil content, fungicide-treated (%)	Glucosinolate (µmol/g)	2022 (5.5 t/ha)	2023 (5.4 t/ha)	2024 (5.2 t/ha)	2025 (5.9 t/ha)	Treated gross output	Untreated gross output	Breeder	UK contact	Year first listed	RL status
7.9	8	5	161	8	5	R	46.3	12.1	–	[108]	108	107	–	–	DSV	DSV	26	P1
8.0	8	5	163	6	5	–	46.8	11.2	–	[106]	106	105	–	–	NPZ	NPZU	26	P1
[7.9]	8	5	162	6	5	R	47.0	12.7	105	106	105	105	[110]	[101]	LimE	Lim	25	P2
[7.9]	8	5	165	6	5	R	46.1	14.0	–	[106]	105	105	–	–	KWSS	KWS	26	P1
[8.0]	8	6	160	7	5	–	46.5	11.3	102	102	101	102	[104]	[101]	NPZ	NPZU	25	P2
7.9	8	6	160	7	5	R	45.8	14.1	103	104	104	104	[106]	[101]	LimE	Lim	24	–
8.0	8	5	161	5	5	R	46.1	12.6	103	103	103	103	[104]	[102]	LimE	Lim	24	–
8.0	8	6	152	8	5	–	45.0	10.4	102	102	102	103	102	96	NPZ	NPZU	23	*
[8.0]	8	6	160	6	5	R	46.6	14.8	101	102	102	101	[102]	[96]	KWSM	KWS	25	P2
[7.9]	8	5	166	6	5	R	46.5	10.5	102	103	102	102	[105]	[98]	LimE	Lim	25	P2
7.9	8	6	159	7	5	R	45.5	14.7	102	103	102	102	[105]	[99]	LimE	Lim	24	–
[7.8]	8	6	160	7	5	R	46.7	14.8	100	102	100	100	[101]	[98]	LimE	Lim	25	P2
[8.0]	8	6	160	7	4	–	45.2	11.1	100	101	100	100	99	98	NPZ	NPZU	23	*
[8.0]	9	6	152	7	4	–	46.9	13.0	99	100	97	99	[101]	[98]	DSV	DSV	24	*
8.0	9	6	152	7	5	–	45.7	12.8	–	[99]	98	98	–	–	CBI	FA	26	P1
8.0	8	6	158	5	5	–	45.1	13.0	98	98	98	97	[94]	[92]	Pick	GSd	24	–
[8.0]	9	6	152	7	5	–	45.9	11.6	97	98	96	97	96	94	CBI	FA	23	–
[8.0]	8	7	148	6	5	–	44.1	14.5	97	97	97	97	[95]	[94]	Els	Els	25	P2
[8.0]	9	6	154	6	4	–	45.4	11.6	95	93	[93]	93	93	88	LimE	Lim	22	–
7.9	8	6	152	7	6	R	44.6	14.1	–	[93]	93	94	–	–	LimE	Lim	26	P1
[7.9]	[8]	6	155	7	6	R	46.4	15.3	92	91	89	92	96	88	DSV	DSV	23	–
7.8	7	6	157	7	6	R	46.2	14.2	92	92	90	92	93	91	DSV	DSV	22	–
[7.9]	8	6	160	7	6	R	46.1	15.2	92	91	90	92	[92]	[89]	DSV	DSV	24	*
[7.9]	8	5	161	6	5	–	44.9	12.6	99	100	98	98	[101]	[95]	NPZ	NPZU	25	P2
7.9	8	7	148	9	5	–	45.3	14.5	–	[97]	95	97	–	–	R2n	RAGT	26	P1
[7.9]	8	6	156	6	5	–	46.1	13.4	96	96	95	97	[102]	[94]	DSV	DSV	25	P2
[8.0]	8	6	151	7	6	–	45.5	12.8	94	91	90	93	94	94	DSV	DSV	20	*
8.0	9	6	150	7	6	–	46.4	10.8	92	92	90	92	90	87	NPZ	NPZU	19	*
[8.0]	8	6	157	7	5	–	46.8	11.4	94	92	91	94	[97]	[98]	NPZ	NPZU	26	P1
8.0	8	6	152	7	5	–	46.3	14.0	84	83	82	85	84	81	NPZ	NPZU	20	–
0.1	0.4	0.3	3.0	0.4	0.3		0.3	–	–	–	–	–	5.3	5.4				





# WINTER WHEAT

2026/27 VARIETIES

## WINTER WHEAT

### **For many growers, first wheat remains the most profitable part of the farm's rotation.**

But every farm is unique, and each farm business has different goals, and that makes variety choice highly personal. Nevertheless, sound variety choice remains the key to rotational resilience.

Increasing extremes of climate and weather coupled with changing and volatile grain markets will mean that flexibility and consistency will be key considerations for growers for making this season's wheat choices.

The industry continues to operate in an environment of mounting pressures such as rising production costs, increasingly unpredictable weather patterns and the emergence of new pathogen races such as yellow rust in winter wheat. These challenges demand robust solutions, and thankfully some of the new wheat's latest additions to the Recommended List (RL) for 2026 go some way to deliver just that.

At GFP we've selected new varieties that combine progressive yield potential with stronger genetics, supporting growers to reduce risk and build greater resilience into the rotation. Thanks to enhanced pest and disease resistance, these crops are better equipped to withstand the pressures often created by extreme weather events, while yield progression remains key to maximising output and margin without compromising market opportunities.





## Access to premium wheat markets

Every farm situation is unique, right down to the individual fields that crops are grown in. It's all about attention to detail, understanding the variety chosen, the specific conditions that it will be grown in and the management options to maximise yields and meet end user quality specifications. For example, using high seed rates with very high tillering varieties can have a negative impact on standing power, disease resistance and specific weight. If plant canopies are too thick, this will have implications on crop management.

The charts on this page should be used as a guide, and individual needs tailored on-farm to optimise crop management and maximise the yield and quality of each variety sown.

### To learn more

About how your wheat crop could be part of this innovative scheme, then please contact your local farm trader or agronomist who will be pleased to walk you through contract details and terms.



## What's new in Winter Wheat for 2026?



### Arlington New Group 1

**Pch1 and OWBM resistant**  
**Best in class Septoria rating (7.0)**  
**Very high untreated yields**  
**High yield potential across the regions**  
**Wide drilling window**



### Sparkler New Group 4 soft

**Highest yielding soft wheat on the**  
**2026/27 Recommended List**  
**Very high alcohol extract for distilling**  
**Best combination of yellow rust (7)**  
**and Septoria (7.2) in soft category**



### LG Defiance New Group 4 hard

**Great balance of high yield potential**  
**and disease resistance**  
**Highest untreated yield on the 2026**  
**Recommended List (95% treated controls)**  
**Strong disease resistance package including**  
**yellow rust (8), Septoria (6.3), plus orange**  
**wheat blossom midge (OWBM)**  
**Ideal for October drilling; useful in second**  
**wheat slot or after root crops or maize**

### UKFM Group 1 varieties

Premium breadmaking varieties sit within this market group, delivering year-on-year consistent milling and baking performance for domestic millers. Recently reinvigorated by the addition of exciting new varieties like SY Cheer and KWS Vibe, these wheats are brought to growers to achieve a premium if they meet specified quality requirements of 13% protein, 250s Hagberg Falling Number and 76kg/hl specific weight; always check with your home the specifics of your contract requirements.

GFP has a range of premium markets that your Group 1s can serve – contact your local agronomist or farm trader to learn more.

UKFM Group 1	Group 1 Spec	UKP Specification
Protein	13.0	11.0-13.0
HFN	250	250
Specific weight (kg/hl)	76.0	76.0
Max. moisture content (%)	15	14
Max. admix (%)	2	2
W	–	170 (min)
P/L	–	0.9 (max)

# Arlington DSV UK



0 Ripening days (+/- Skyfall)

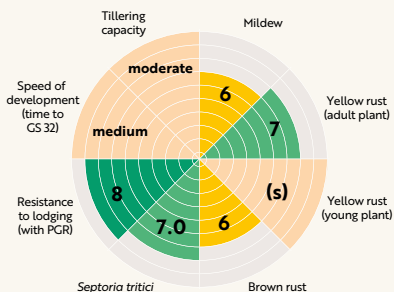
Pedigree: Marston x Skyfall

Arlington is the new Group 1 this season for growers looking for a Skyfall replacement. It features improved disease scores but with the same built-in resistance to OWBM, wide sowing window and stiff straw liked by many on-farm.

Type	UKFM Group 1 winter wheat
AHDB recommended	UK Recommended, Listed 2026
UK treated yield (% controls)*	99
East treated yield (% controls)	100
West treated yield (% controls)	99
North treated yield (% controls)*	[96]
Untreated yield (% controls)*	94
Protein Milling trials (%)*	12.5
Protein All trials (%)*	11.5
HFN*	309
Specific weight (kg/hl)*	78.9

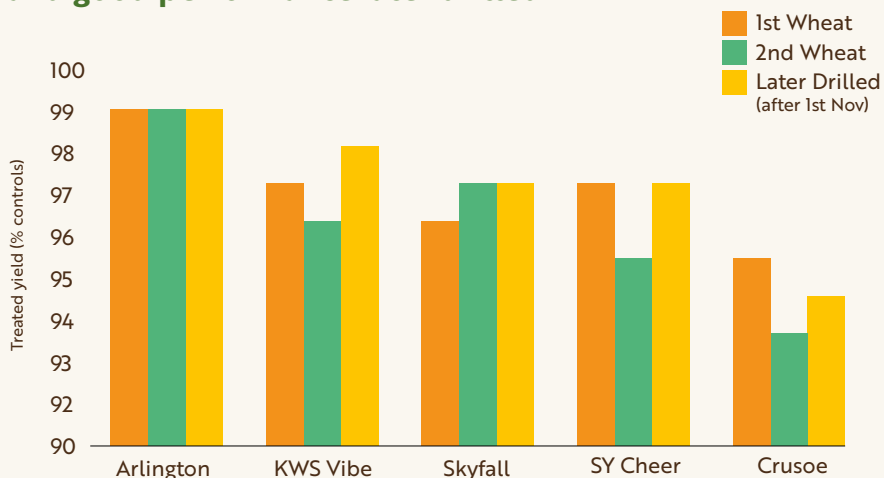
\*AHDB Recommended List Winter Wheat 2026/27.

New for drilling in 2026, Arlington combines a high yield potential across all regions with improvements in resistance to Septoria (7.0) and orange wheat blossom midge (OWBM) resistance for the Group 1 sector. A Skyfall cross, this variety offers similar grain quality and breadmaking potential to its parent but with improved disease resistance and the second-highest untreated yield on the 2026/27 Recommended List (94% treated controls).



Sure to find favour on-farm, Arlington's growth habit also appears similar to Skyfall, with relatively fast autumn development and strong tillering. It's a variety that will perform across a really wide sowing window. This coupled with its strong second wheat performance – thanks to good straw and Pchl gene for eyespot resistance – make this an attractive option for milling wheat growers.

## Arlington, a new 'Skyfall', with a wide drilling window and good performance later drilled



# The **field good** wheat!



## KWS VIBE

Group 1 Winter Wheat

- New high-quality breadmaking wheat with full UKFM Group 1 approval
- The highest grain protein under a milling regime which helps growers achieve contract specifications
- High untreated yield driven by best-in-class yellow rust resistance in combination with high *Septoria* resistance



[www.kws-uk.com](http://www.kws-uk.com)

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# KWS Vibe KWS UK Ltd



Pedigree: KWS Zyatt x Bernstein

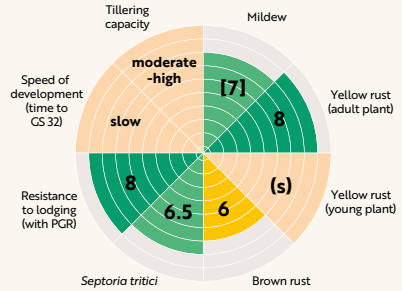
**+1**  
Ripening days  
(+/- Skyfall)

The new protein producer for the Group 1 market with, KWS Vibe brings exceptional grain quality with improvements on disease resistance to growers this season.

Type	UKFM Group 1 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK treated yield (% controls)*	<b>97</b>
East treated yield (% controls)	<b>96</b>
West treated yield (% controls)	<b>98</b>
North treated yield (% controls)*	<b>99</b>
Untreated yield (% controls)*	<b>88</b>
Protein Milling trials (%)*	<b>13.4</b>
Protein All trials (%)*	<b>11.9</b>
HFN*	<b>294</b>
Specific weight (kg/hl)*	<b>78.6</b>

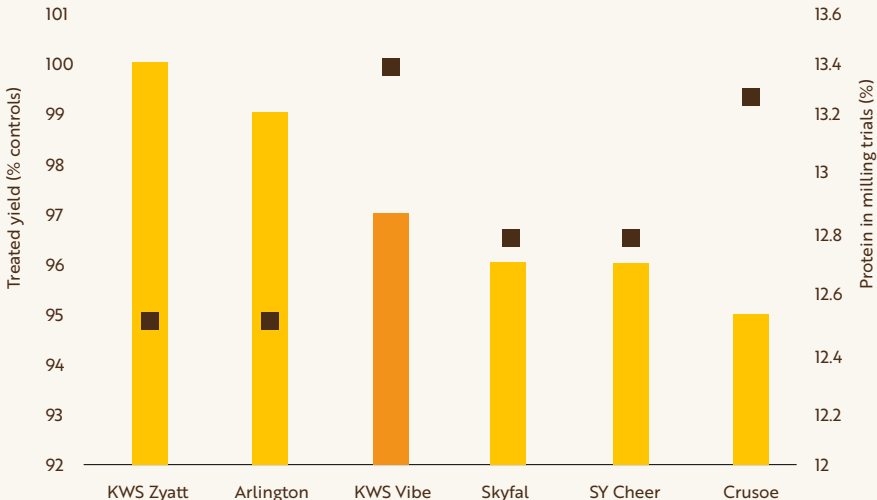
\*AHDB Recommended List Winter Wheat 2026/27.

KWS Vibe was an exciting addition to the Recommended List 2025/26 for Winter Wheats, and for good reason: having one of the best combinations of yield, disease resistance and grain quality in the Group 1 sector, offering real change and excellent gross margin potential for professional milling wheat growers.



It's a slow developer and along with a score of 6 for eyespot resistance, makes it the ideal wheat to start drilling early, a key requirement for growers further north. In the East and West, KWS Vibe is all about yield, market potential, disease resistance and field performance. With twin 8s for standing, KWS Vibe is a short stiff plant type, backed with an impressive set of disease resistance scores including 7 for mildew, 8 for yellow rust and 6.5 for Septoria.

## KWS Vibe – Still the best combination of protein and yield in today's Group 1 sector



## SY Cheer Syngenta UK

Pedigree: KWS Trinity x Expert

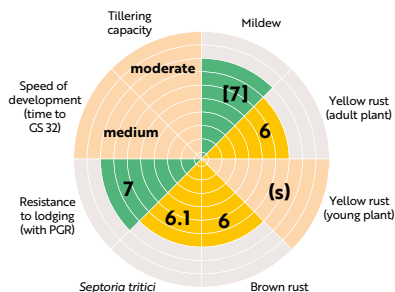
Useful improvements in disease resistance over some more established Group 1 varieties.

Type	UKFM Group 1 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2024</b>
UK treated yield (% controls)*	<b>96</b>
East treated yield (% controls)	<b>96</b>
West treated yield (% controls)	<b>96</b>
North treated yield (% controls)*	<b>99</b>
Untreated yield (% controls)*	<b>81</b>
Protein Milling trials (%)*	<b>12.8</b>
Protein All trials (%)*	<b>11.6</b>
HFN*	<b>306</b>
Specific weight (kg/hl)*	<b>79.7</b>

\*AHDB Recommended List Winter Wheat 2026/27.

In its third year of commercialisation SY Cheer offers growers a step on in disease resistances from more established Group 1 varieties. Good yields across all regions are matched with excellent grain quality including the highest specific weight (79.7kg/hl) and HFN (306) of all listed Group 1s.

**+1**  
Ripening days  
(+/- Skyfall)



## KWS Zyatt kws UK Ltd



Pedigree: KWS Zyatt x Bernstein

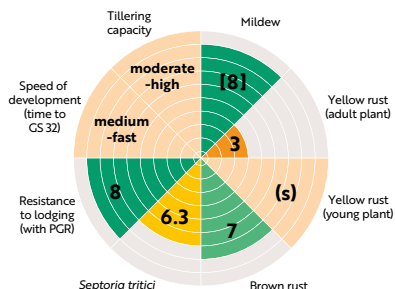
Tried and tested over sites and seasons KWS Zyatt remains the UK's highest yielding Group 1 with its best performances in the 2nd wheat slot.

Type	UKFM Group 1 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2017</b>
UK treated yield (% controls)*	<b>100</b>
East treated yield (% controls)	<b>99</b>
West treated yield (% controls)	<b>101</b>
North treated yield (% controls)*	<b>100</b>
Untreated yield (% controls)*	<b>70</b>
Protein Milling trials (%)*	<b>12.5</b>
Protein All trials (%)*	<b>11.5</b>
HFN*	<b>271</b>
Specific weight (kg/hl)*	<b>78.5</b>

\*AHDB Recommended List Winter Wheat 2026/27.

Still the highest yielding Group 1 wheat with a reputation for performance in the second cereal slot, KWS Zyatt has decreased in popularity due to its increased sensitivity to yellow rust. Nevertheless, the variety has good baking quality with excellent grain characteristics and remains suitable for UKP export. Suitable for drilling from the end of September, its stiff straw gives good performances on heavy land.

**0**  
Ripening days  
(+/- Skyfall)



## Skyfall RAGT Seeds



Pedigree: C1418 x Hurricane

Well-established Skyfall remains the only Group 1 wheat with OWBM resistance and a super wide sowing window, performing very well in later drilled situations.

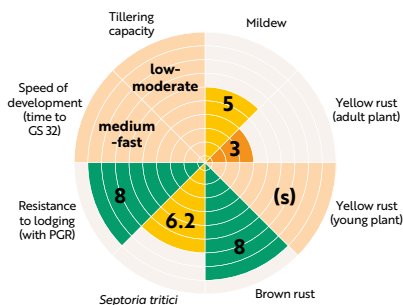
Type	UKFM Group 1 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2014</b>
UK treated yield (% controls)*	<b>96</b>
East treated yield (% controls)	<b>96</b>
West treated yield (% controls)	<b>96</b>
North treated yield (% controls)*	<b>96</b>
Untreated yield (% controls)*	<b>64</b>
Protein Milling trials (%)*	<b>12.8</b>
Protein All trials (%)*	<b>11.6</b>
HFN*	<b>290</b>
Specific weight (kg/hl)*	<b>79.1</b>

\*AHDB Recommended List Winter Wheat 2026/27.

Suitable for all regions of the UK, Skyfall remains a popular choice on-farm thanks to its consistent performance across a range of soil types coupled with OWBM resistance, stiff straw and late-drill flexibility. Suitable for sowing from the end of September, the past few difficult autumns have shown the flexibility of this variety still delivering performance when drilled right through to the end of the first week in March. Like KWS Zyatt, Skyfall still has a good set of disease ratings with the exception of yellow rust that will need stringent treatment from T0 onwards to preserve yield and quality potential.

0

Ripening days  
(+/- Skyfall)



## Crusoe Limagrain UK

Pedigree: Cordiale x Gulliver

Still a miller favourite thanks to its continued ability to deliver consistent and reliable protein.

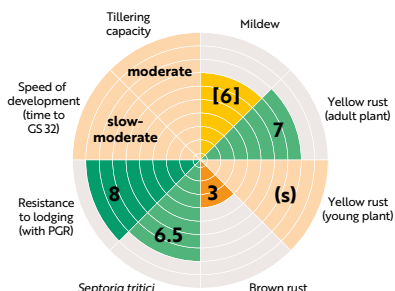
Type	UKFM Group 1 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2012</b>
UK treated yield (% controls)*	<b>95</b>
East treated yield (% controls)	<b>94</b>
West treated yield (% controls)	<b>95</b>
North treated yield (% controls)*	<b>94</b>
Untreated yield (% controls)*	<b>72</b>
Protein Milling trials (%)*	<b>13.3</b>
Protein All trials (%)*	<b>12.1</b>
HFN*	<b>279</b>
Specific weight (kg/hl)*	<b>78.4</b>

\*AHDB Recommended List Winter Wheat 2026/27.

Well understood by growers, Crusoe remains a popular choice thanks to its efficiency as a protein producer no matter the site nor the season. A short and stiff plant type, the variety is suitable for drilling from mid-September onwards to deliver reliable grain quality through to harvest. Overall reasonable disease ratings with the exception of brown rust – a score of 3 means that this will need careful monitoring and appropriate treatment throughout the growing season.

+1

Ripening days  
(+/- Skyfall)



# Loxton DSV UK



Pedigree: KWS Siskin x DSV40123

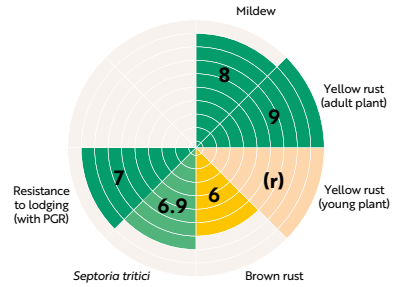
Performs well in Warburtons grist.



Ripening days  
(+/- Skyfall)

Type	High-quality breadmaking wheat
AHDB recommended	Not listed
UK treated yield (% controls)*	96
East treated yield (% controls)	95
West treated yield (% controls)	97
Untreated yield (% controls)*	-
Protein Milling trials (%)*	12.3
Protein All trials (%)*	[13.1]
HFN*	298
Specific weight (kg/hl)*	77.3

\*DSV Trials



The only commercialised high quality bread making wheat, alongside Skyfall to have Orange Blossom Midge Resistance. Loxton offers a good disease package with an impressive 9 for Yellow rust and 6.9 for Septoria tritici. It is a medium height variety, early maturity with a score of 7 for lodging with PGR. Loxton shows good and consistent yields across the east and west regions over a range of soil types and across contrasting seasons.

## UKFM Group 2 varieties

Often used as agronomic tools on-farm, Group 2 varieties have some of the best untreated yields of varieties on the RL coupled with yield that make them competitive with the hard feed wheats. However, as Group 2 varieties they bring growers opportunities for added value markets where available. Most commonly end markets use such varieties for bread making but may have other bakery applications too; they could have specific end-use characteristics which are not suited to all grists. Consequently, these varieties are likely to attract varying premiums. Contact your local GFP agronomist or farm trader to learn more about market opportunities in your region.

UKFM Group 2	Group 2 Spec	UKP Specification
Protein	12.5	11.0-13.0
HFN	250	250
Specific weight (kg/hl)	76	76.0
Max. moisture content (%)	15	14
Max. admix	2	2
W	–	170 (min)
P/L	–	0.9 (max)



# IT'S THE GUV'NOR.



## KWS ARNIE

Group 2 Winter Wheat

- The highest yielding Group 2: exceptional yield performance, especially in the East (104%) and West (105%)
- Outstanding disease resistances including 6.8 for *Septoria* and 7 for yellow rust
- Highest yielding breadmaking variety in the second cereal and more slot
- Unique growth habit with strong autumn vigour



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KWS



# KWS Arnie KWS UK Ltd



Pedigree: KWS Zyatt x Extase

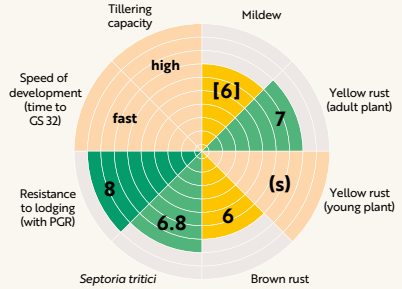
An all-round wheat that will maximise yields whilst offering good grain quality to take advantage of added-value market opportunities where available.

Type	UKFM Group 2 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK treated yield (% controls)*	<b>104</b>
East treated yield (% controls)	<b>104</b>
West treated yield (% controls)	<b>105</b>
North treated yield (% controls)*	<b>103</b>
Untreated yield (% controls)*	<b>87</b>
Protein Milling trials (%)*	<b>12.1</b>
Protein All trials (%)*	<b>11.0</b>
HFN*	<b>296</b>
Specific weight (kg/hl)*	<b>78.8</b>

\*AHDB Recommended List Winter Wheat 2026/27.

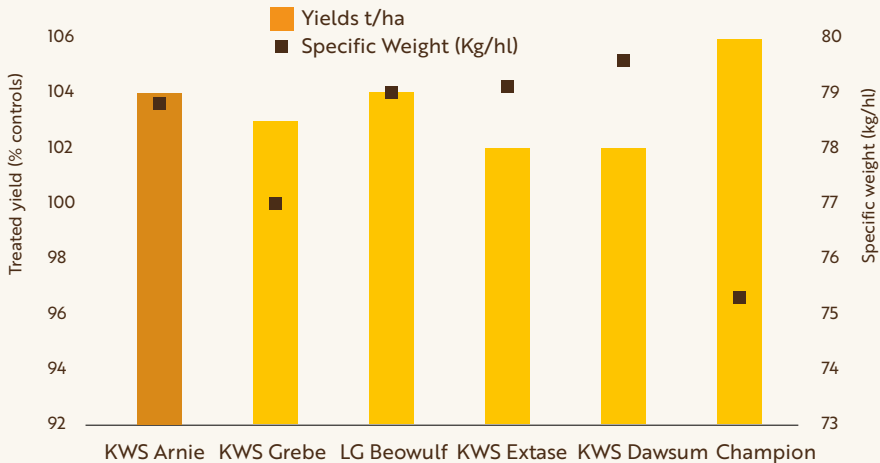
In its second commercial year, KWS Arnie offers growers feed wheat yields with the potential of a Group 2 premium where available. A solid agronomic package, KWS Arnie has a high untreated yield (87%) and continues the excellent Septoria resistance growers have come to expect from the current Group 2 staple. It's a fast developer in the autumn with the ability to tiller strongly, leading to a good plant stand as crops head through the spring. In addition, KWS Arnie brings one of the best combinations to yield, stem stiffness and earliness to the market today.

**-1**  
Ripening days  
(+/- Skyfall)



## KWS Arnie is a Group 2, but most importantly it's still a really good wheat.

Stiffest straw with PGR (% lodging + PGR (1%-6%))



## KWS Extase KWS UK Ltd



Pedigree: KWS Boisseau x Solheio

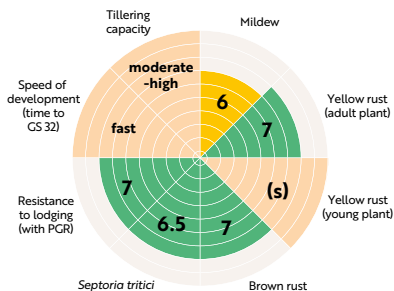
After 7 years on-farm, Extase is still a great package for growers looking for consistency, good Septoria and grain quality combined.

Type	UKFM Group 2 winter wheat
AHDB recommended	UK Recommended, Listed 2019
UK treated yield (% controls)*	102
East treated yield (% controls)	102
West treated yield (% controls)	102
North treated yield (% controls)*	102
Untreated yield (% controls)*	90
Protein Milling trials (%)*	12.2
Protein All trials (%)*	11.3
HFN*	293
Specific weight (kg/hl)*	79.1

\*AHDB Recommended List Winter Wheat 2026/27.

The variety that broke the mould for the link between high Septoria rating, yield and poor grain quality, KWS Extase continues to be a popular choice on-farm thanks to its suitability for later drilling and vigorous growth habit. Best suited to the east and west of the UK, the variety continues to offer good yields backed by excellent resistance to Septoria and brown rust.

-1  
Ripening days  
(+/- Skyfall)



## KWS Palladium KWS UK Ltd



Pedigree: KWS Zyatt x KWS Trinity

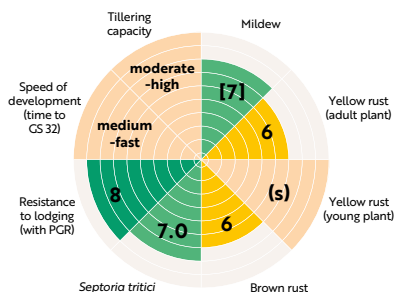
A wheat that shone in the pressures of 2024 thanks to its stiff straw and very good disease resistance.

Type	UKFM Group 2 winter wheat
AHDB recommended	UK Recommended, Listed 2022
UK treated yield (% controls)*	100
East treated yield (% controls)	100
West treated yield (% controls)	101
North treated yield (% controls)*	101
Untreated yield (% controls)*	87
Protein Milling trials (%)*	12.4
Protein All trials (%)*	11.3
HFN*	316
Specific weight (kg/hl)*	77.3

\*AHDB Recommended List Winter Wheat 2026/27.

Suitable for all regions in the UK, KWS Palladium can be sown from mid-September in both the 1st and 2nd wheat positions. A strong performer in the high disease year of 2024, the variety has high untreated yields which are backed up by a strong set of disease scores including 7.0 for Septoria, 6 for brown rust and 6 for yellow rust with seedling resistance. An early to mature variety (-1) KWS Palladium is short and stiff with great resistance to sprouting, giving growers security at harvest.

-1  
Ripening days  
(+/- Skyfall)



## UKFM Group 3 varieties

This Group contains a unique set of wheats that the maritime climate in the UK helps growers to deliver. All are soft endosperm varieties that are suitable for a range of milling applications including biscuit and cake flours thanks to these wheats having lower proteins coupled with very extensible but not-too-elastic gluten. This balance of starch and protein also makes many of these wheats suitable for the distilling and soft wheat export markets too. Recent additions to the RL have lifted the yield of these varieties making them competitive in the feed sector too. Ask your local GFP advisor for more information on Group 3 contracts available in your region.

UKFM Group 3	Group 3 Spec	UKP Specification
Protein (%)	11.5	10.5-11.5
HFN	220	220
Specific weight (kg/hl)	74.0	75.0
Max. moisture content (%)	15	15
Max. admix (%)	2	2
W	–	70-120
P/L	–	0.55 (max)



## KWS Solitaire KWS UK Ltd



Pedigree: LG Sundance x Shabras

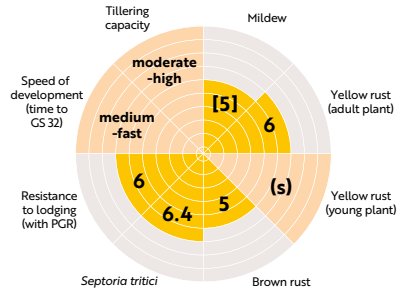
Soft wheat market leading combination of end use potential of all Group 3 markets combined with exceptional yields across the regions.

Type	UKFM Group 3 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK treated yield (% controls)*	<b>106</b>
East treated yield (% controls)	<b>105</b>
West treated yield (% controls)	<b>107</b>
North treated yield (% controls)*	<b>106</b>
Untreated yield (% controls)*	<b>87</b>
Protein Milling trials (%)*	<b>11.6</b>
Protein All trials (%)*	<b>10.6</b>
HFN*	<b>197</b>
Specific weight (kg/hl)*	<b>76.8</b>

\*AHDB Recommended List Winter Wheat 2026/27.

The UK's highest yielding biscuit wheat, KWS Solitaire offers growers good gross margin potential through access to biscuit, distilling, export and feed markets where available. Good early sown performance (108% before 25th September), but growers advised to use a good PGR programme and/or delay sowing until 2-3rd week in September to reduce lodging risks. Good 1st cereal wheat yields (106%) and performance on heavy land (105%) with the added benefit of OWBM resistance.

0  
Ripening days  
(+/- Skyfall)



## Bamford Elsoms Wheat Ltd



Pedigree: Moulton x EW129

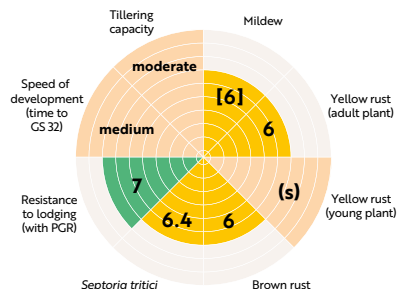
Sporting the highest untreated yield of all Recommended Group 3 varieties, Bamford has a wide sowing window, being especially suited to early sowing thanks to its stiff straw and Pchl resistance to eyespot.

Type	UKFM Group 3 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2024</b>
UK treated yield (% controls)*	<b>105</b>
East treated yield (% controls)	<b>104</b>
West treated yield (% controls)	<b>106</b>
North treated yield (% controls)*	<b>107</b>
Untreated yield (% controls)*	<b>89</b>
Protein Milling trials (%)*	<b>11.6</b>
Protein All trials (%)*	<b>10.7</b>
HFN*	<b>256</b>
Specific weight (kg/hl)*	<b>78.5</b>

\*AHDB Recommended List Winter Wheat 2026/27.

Bamford continues to deliver consistently high yields over the past contrasting seasons, coupled with the benefit of soft market added value opportunities for growers thanks to its excellent grain package. A good performer in both the 1st and 2nd wheat slots, Bamford has high untreated yields (89%) backed by good all-round disease resistances, including the Pchl gene and stiff straw (twin 7s for standing) which bolsters its performance in the early sown slot.

0  
Ripening days  
(+/- Skyfall)



## UKFM Group 4 soft varieties

These are soft endosperm varieties that are destined for the feed market but may also have additional soft end-use opportunities such as distilling, soft milling applications and even as UKS for the export market.

GFP have a range of premium soft markets that your Group 4 feeds could serve – contact your local agronomist or farm trader to learn more.



## Sparkler Elsoms Wheat Ltd

Pedigree: Graham x LG Skyscraper



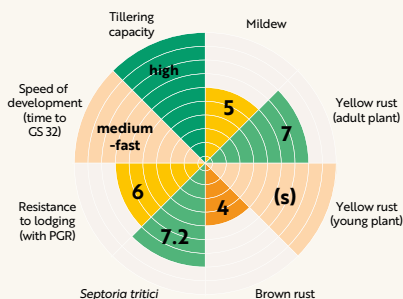
Introducing the highest yielding soft wheat on the 2026/27 Recommended List – a true gem of a variety. High yields boosted by the best combination of yellow rust and Septoria resistance in the soft sector along with market appeal thanks to its high rating for distilling potential.

Type	Soft Group 4 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2026</b>
UK treated yield (% controls)*	<b>106</b>
East treated yield (% controls)	<b>106</b>
West treated yield (% controls)	<b>107</b>
North treated yield (% controls)*	<b>[108]</b>
Untreated yield (% controls)*	<b>87</b>
Protein All trials (%)*	<b>10.8</b>
HFN*	<b>226</b>
Specific weight (kg/hl)*	<b>76.7</b>

\*AHDB Recommended List Winter Wheat 2026/27.

A new variety for the soft feed and distilling markets, Sparkler brings very high yield potential and gives excellent yields in the north of

**+1**  
Ripening days  
(+/- Skyfall)



108% under standard conditions, 106% on lighter soils and 108% in later sowing situations. A variety for all UK regions, Sparkler combines yield and yellow rust resistance for the east, strong yield and the highest soft Septoria rating for the west, and yield with end market appeal in the north. Growers are advised to watch out for eyespot [4] and make sure a good PGR programme is applied.

## Sparkler – Best in class Septoria rating of all soft wheats

	Untreated Yield (% treated control)	Mildew	Yellow rust (seedling)	Yellow rust	Brown rust	Septoria tritici	Eyespot	Fusarium	OWBM
Sparkler	87	5	S	7	4	7.1	[3]	[6]	-
KWS Solitaire (3)	88	[5]	S	6	5	6.4	[4]	[6]	R
LG Redwald	89	[5]	S	6	7	6.1	4	6	R
Bamford (3)	89	[6]	S	6	6	6.4	6 Pch	5	-
RGT Hexton	82	[5]	S	8	4	6.6	[4]	[6]	R

# Blackstone Elsoms Wheat Ltd



Pedigree: Panacea x KWS Tempo

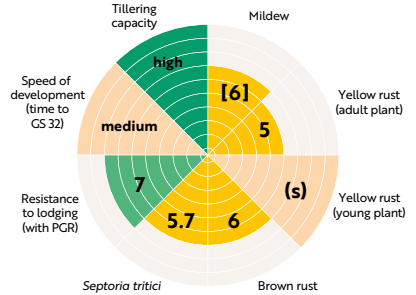
A flexible soft option that allows for sowing into the spring when the weather prevents autumn drilling.

**+2**

Ripening days  
(+/- Skyfall)

Type	Soft Group 4 winter wheat
AHDB recommended	<b>UK Recommended, Listed 2024</b>
UK treated yield (% controls)*	<b>101</b>
East treated yield (% controls)	<b>101</b>
West treated yield (% controls)	<b>99</b>
North treated yield (% controls)*	<b>103</b>
Untreated yield (% controls)*	<b>82</b>
Protein All trials (%)*	<b>11.6</b>
HFN*	<b>298</b>
Specific weight (kg/hl)*	<b>78.5</b>

\*AHDB Recommended List Winter Wheat 2026/27.



Suited to the soft feed and distilling markets, Blackstone gives excellent yields in the north, on lighter soils (103%) and in later sowing (103%) situations too. A medium-tall variety with relatively stiff straw, the variety scores for 5 for yellow rust, 6 for mildew and 5.7 for Septoria. At a +2 maturity, Blackstone is a later maturing wheat which has the added benefit of orange wheat blossom midge (OWBM) resistance.

## UKFM Group 4 hard varieties

Representing around 45% of the wheat in the ground for harvest 2026, Group 4 hard endosperm wheats are grown mainly as feed wheats but may be accepted by some end user homes for use in general-purpose grists if they achieve contractual standards. It is therefore always a good idea to choose varieties with a robust grain package for protein, HFN and specific weight. Growers should take care to avoid mixing hard and soft types in store. Contact your local GFP agronomist or farm trader to learn more about local feed homes we can help you serve in your area.



## KWS Aintree KWS UK Ltd



Pedigree: KWS Kinetic x Sabrum

Highest yielding variety on the Recommended List, 110% of controls. Unrivalled for yield potential across a range of scenarios.

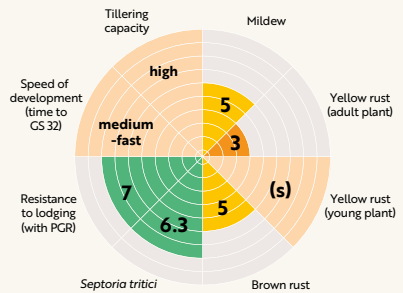
Type	UKFM Group 4, hard winter wheat
AHDB recommended	<b>UK Recommended, Listed 2026</b>
UK treated yield (% controls)*	<b>110</b>
East treated yield (% controls)	<b>110</b>
West treated yield (% controls)	<b>111</b>
North treated yield (% controls)*	<b>[109]</b>
Untreated yield (% controls)*	<b>85</b>
Protein All trials (%)*	<b>10.4</b>
HFN*	<b>277</b>
Specific weight (kg/hl)*	<b>78.7</b>
Orange wheat blossom midge	<b>Resistant</b>

\*AHDB Recommended List Winter Wheat 2026/27.

The variety's performance in trials has been good even though its' yellow rust score is only 3. Consistent across regions and soil types. Good second wheat. A robust fungicide programme will be needed when growing this variety.

0

Ripening days (+/- Skyfall)





“ LG Defiance  
holds up well,  
is clean and fills  
the shed. ”

Lisa Bush,  
Lincolnshire

DEFY THE ODDS  
DELIVER THE  
YIELD



## LG DEFIANCE WINTER WHEAT

Consistency across regions and seasons  
Joint highest yielding second wheat  
Excellent yellow rust and OWBM resistance



[lgseeds.co.uk/lg-defiance](http://lgseeds.co.uk/lg-defiance)

# LG Defiance Limagrain UK



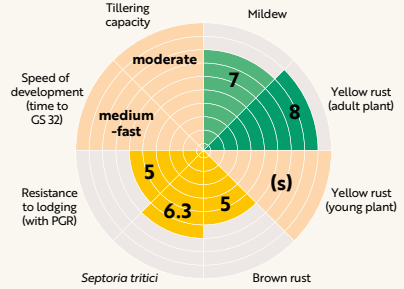
**+1**  
Ripening days  
(+/- Skyfall)

Pedigree: KWS Extase x Gleam

New for drilling in 2026 is LG Defiance – a hard Group 4 wheat that takes the mantle from on-farm favourite KWS Extase as the wheat with the highest untreated yield on the Recommended List.

Type	UKFM Group 4, hard winter wheat
AHDB recommended	<b>UK Recommended, Listed 2026</b>
UK treated yield (% controls)*	<b>109</b>
East treated yield (% controls)	<b>108</b>
West treated yield (% controls)	<b>110</b>
North treated yield (% controls)*	<b>[109]</b>
Untreated yield (% controls)*	<b>95</b>
Protein All trials (%)*	<b>10.5</b>
HFN*	<b>260</b>
Specific weight (kg/hl)*	<b>77.0</b>

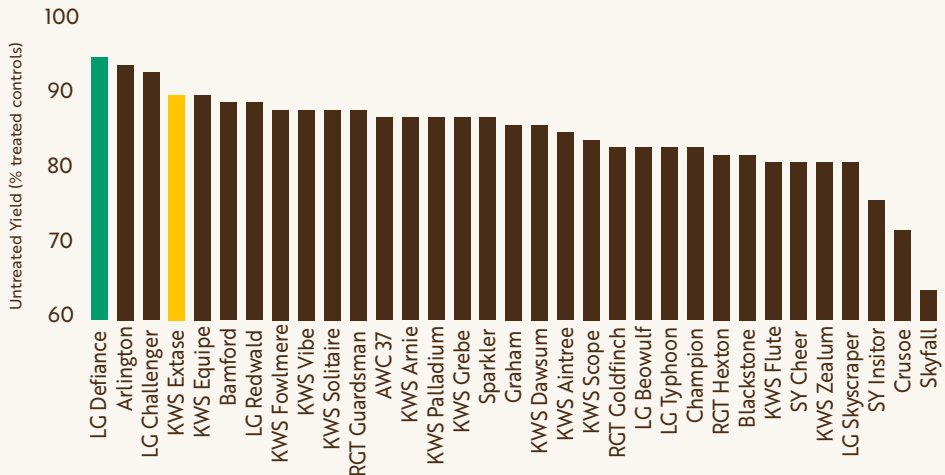
\*AHDB Recommended List Winter Wheat 2026/27.



For growers that have enjoyed success with varieties like Champion, LG Defiance takes yield on a step further with improved disease resistance. It has the highest untreated yield on the whole of the wheat Recommended List in 2026/27 (95% treated controls) and is backed by a strong set of disease scores: mildew (7), yellow rust (8), Septoria (6.3), eyespot (5), Fusarium (7), plus OWBM.

A hard Group 4 wheat, it gets out of the gates early and is ideal for October drilling, so it's especially useful for growers looking for decent options to follow root crops or maize. The only watch-out is the straw (7) and standing (5). It should be sown in the same drilling window as Champion and with a good PGR programme to fulfil yield potential.

## LG Defiance – The new standard in untreated yield





“ A quality variety  
- **LG Challenger**  
delivered great  
yield & agronomics  
in a difficult year.. the  
full package! ”

**Ben Sharp,**  
Lincolnshire

# LESS RISK MORE REWARD



## LG CHALLENGER WINTER WHEAT

Delivers on grain quality, yield & agronomics  
Highest yielding early driller  
Stand out performance in the East, West & North



[lgseeds.co.uk/lg-challenger](http://lgseeds.co.uk/lg-challenger)

## LG Challenger Limagrain



Pedigree: (SY Gravity x SY Insitor) x LG Skyscraper

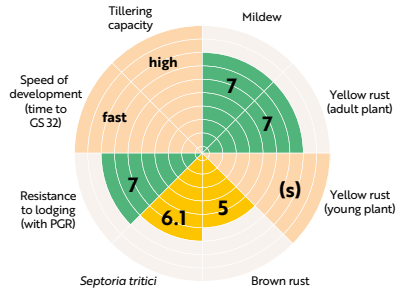
LG Challenger is a very high yielding hard feed wheat variety, performing well across all regions and seasons.

+1  
Ripening days  
(+/- Skyfall)

Type	UKFM Group 4, hard winter wheat
AHDB recommended	<b>UK Recommended, Listed 2026</b>
UK treated yield (% controls)*	<b>107</b>
East treated yield (% controls)	<b>107</b>
West treated yield (% controls)	<b>107</b>
North treated yield (% controls)*	<b>[109]</b>
Untreated yield (% controls)*	<b>93</b>
Protein Milling trials (%)*	<b>10.2</b>
Protein All trials (%)*	<b>295</b>
HFN*	<b>78.6</b>
Specific weight (kg/hl)*	<b>Resistant</b>

\*AHDB Recommended List Winter Wheat 2026/27.

Delivers high yields and good performance in untreated trials. Performs well across all regions and sites. Very good second wheat. High tillering type with good lodging scores, A good score of 7 for yellow rust.



# HIGH YIELDS ARE IN SIGHT.



## KWS SCOPE

Group 4 Hard Winter Wheat

- High yielding, Hard Group 4 feed wheat with excellent specific weight
- Unique genetics for UK growers with good *Septoria* resistance and excellent performance in the West
- The stiffest Hard Group 4 option: ideal wheat for growers who like short and stiff types



[www.kws-uk.com](http://www.kws-uk.com)

SEEDING  
THE FUTURE  
SINCE 1856



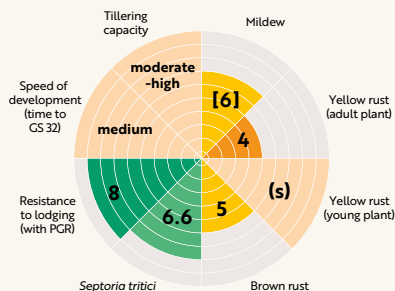


Pedigree: Informer x KWS Kinetic

With its best performances in the west (107%), as a first cereal (106%) and in the early sown slot (108%), KWS Scope delivers yields and grain quality to growers across the UK.

Type	UKFM Group 4, hard winter wheat
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK treated yield (% controls)*	<b>106</b>
East treated yield (% controls)	<b>105</b>
West treated yield (% controls)	<b>107</b>
North treated yield (% controls)*	<b>105</b>
Untreated yield (% controls)*	<b>84</b>
Protein All trials (%)*	<b>10.6</b>
HFN*	<b>251</b>
Specific weight (kg/hl)*	<b>78.6</b>

\*AHDB Recommended List Winter Wheat 2026/27.



KWS Scope delivers the UK's next yield jump thanks to its novel genetics for the UK. The cross has German-bred wheat Informer as one of its parents – a successful European wheat which was tall but clean and had bread-making potential. A medium-high tillering variety, KWS Scope is a short (78cm without PGR) and stiff variety which has a similar maturity to the nation's favourite, KWS Dawsum.

Disease ratings are good with a 6.6 for Septoria, but at a score of 4, yellow rust and eyespot will need monitoring. The variety also comes with the benefits of orange wheat blossom midge (OWBM) resistance.

## KWS Scope – Head-to-head with Champion, SY Insitor, Gleam and Graham

	KWS Scope	Champion	SY Insitor	Graham	Gleam	
UK	UK Yield (% controls)	106	106	104	102	102
	2nd cereal (% controls)	105	106	107	100	103
	Excellent spec weight (kg/hl)	78.6	75.3	78.6	77.6	76.9
	Untreated yield	84	82	75	86	78
	Better lodging +PGR	8	6	7	8	7
	Early maturing	+1	0	+1	-1	0
North	Northern yields (% controls)	105	105	107	104	103
	Mildew	[6]	[5]	[6]	[6]	[6]
	Eyespot	4	4	4	4	5
	Suited to early drilling?	[[108]]	106	[106]	104	102
East and West	Very high East/West yield (% controls)	105 : 107	105 : 107	104 : 103	101 : 103	102 : 103
	Combination of YR and BR	4 : 5	4 : 5	4 : 5	8 : 5	5 : 5
	Seedling YR resistance	S	S	S	S	S
	Septoria	6.6	7.2	6.5	6.4	5.8
	OWBM	R	R	R	-	R

## Champion DSV UK



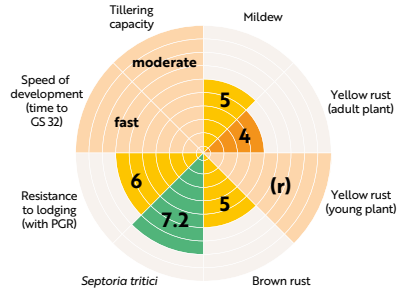
Pedigree: DSV20122 x Reflection

High yields and excellent disease resistance across a range of soil types with best performances in later drilled settings.

Type	UKFM Group 4, hard winter wheat
AHDB recommended	UK Recommended, Listed 2022
UK treated yield (% controls)*	106
East treated yield (% controls)	105
West treated yield (% controls)	107
North treated yield (% controls)*	105
Untreated yield (% controls)*	82
Protein All trials (%)*	10.9
HFN*	253
Specific weight (kg/hl)*	75.3

\*AHDB Recommended List Winter Wheat 2026/27.

With great performances across contrasting seasons, Champion offers robust yields with one of the best combinations of Septoria, yellow rust resistance and OWBM in the hard feed sector. A vigorous variety, it is medium height with medium-stiff straw that is best suited to later drilling and does especially well on lighter soils. Champion is relatively early to mature and has grain with good HFN, protein and average specific weight.



0  
Ripening days  
(+/- Skyfall)

## LG Beowulf Limagrain



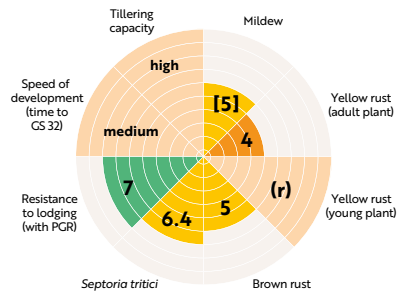
Pedigree: Costello x Gleam

LG Beowulf offers growers yield potential in a secure agronomic package.

Type	UKFM Group 4, hard winter wheat
AHDB recommended	UK Recommended, Listed 2024
UK treated yield (% controls)*	104
East treated yield (% controls)	104
West treated yield (% controls)	103
North treated yield (% controls)*	107
Untreated yield (% controls)*	83
Protein All trials (%)*	11.0
HFN*	263
Specific weight (kg/hl)*	78.3

\*AHDB Recommended List Winter Wheat 2026/27.

Taking the best characteristics of its parent varieties, LG Beowulf delivers high yield potential with the added benefit of stiff straw (7 and 8 for standing) and good grain. It is a flexible variety with its best performances often in second wheat and later drilled slots. LG Beowulf has a good Septoria score but will need attention for yellow rust and brown rust at scores of 4 and 5. A later maturing variety at +2 maturity, LG Beowulf benefits from OWBM resistance.



+2  
Ripening days  
(+/- Skyfall)

## KWS Dawsum KWS UK Ltd



Pedigree: KWS Kerrin x Costello

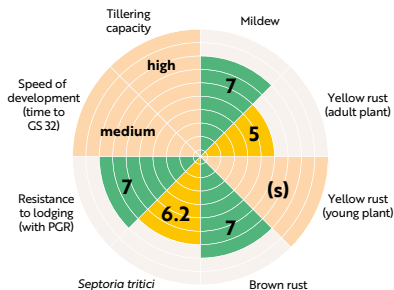
Still a popular variety on farm, KWS Dawsum is flexible across the rotation with good disease, stiff straw and access to a wide sowing window.

Type	UKFM Group 4, hard winter wheat
AHDB recommended	UK Recommended, Listed 2022
UK treated yield (% controls)*	102
East treated yield (% controls)	102
West treated yield (% controls)	101
North treated yield (% controls)*	105
Untreated yield (% controls)*	86
Protein All trials (%)*	10.8
HFN*	312
Specific weight (kg/hl)*	79.6

\*AHDB Recommended List Winter Wheat 2026/27.

Still a popular variety on-farm, KWS Dawsum continues to deliver the highest specific weights (79.6kg/hl) combined with excellent treated and untreated yields across the regions. Good scores for Septoria and mildew are slightly marred by the change in susceptibility to yellow rust – now susceptible at juvenile stage and a 5 at adult stage. It's suited to earlier drilling, but growers should remember that disease scores slip the earlier the crop is sown – hence fungicide and PGR management advised.

+ |  
Ripening days  
(+/- Skyfall)



## Graham Syngenta



Pedigree: Premio x Expert

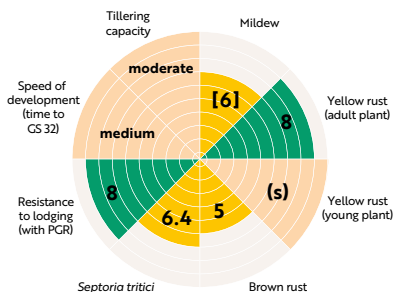
An on-farm favourite with a strong following in the west thanks to its stiff straw, good Septoria resistance and early maturity.

Type	UKFM Group 4, hard winter wheat
AHDB recommended	UK Recommended, Listed 2016
UK treated yield (% controls)*	102
East treated yield (% controls)	101
West treated yield (% controls)	103
North treated yield (% controls)*	104
Untreated yield (% controls)*	86
Protein All trials (%)*	11.0
HFN*	284
Specific weight (kg/hl)*	77.6

\*AHDB Recommended List Winter Wheat 2026/27.

With its best performances in the first wheat slot in the east and west, Graham's yield potential can be attributed to its good Septoria resistance. Suited to early drilling, Graham has a slow speed of development in the autumn then moves quite quickly in the spring with medium-high tillering capacity. Graham is a medium-tall variety with relatively stiff straw and at a -1 is early maturing.

- |  
Ripening days  
(+/- Skyfall)



# LG Typhoon Limagrain

Pedigree: Garrus x LGW88



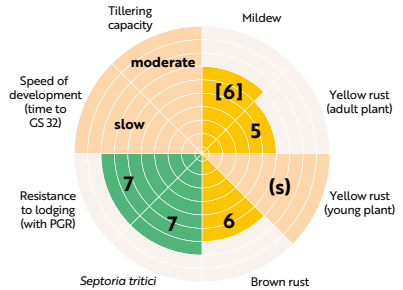
**+2**  
Ripening days  
(+/- Skyfall)

Amongst the pack for yield but allows growers flexibility with fungicide timings due to the strong disease package and reasonably stiff straw.

Type	UKFM Group 4, hard winter wheat
AHDB recommended	<b>UK Recommended, Listed 2022</b>
UK treated yield (% controls)*	<b>100</b>
East treated yield (% controls)	<b>100</b>
West treated yield (% controls)	<b>98</b>
North treated yield (% controls)*	<b>102</b>
Untreated yield (% controls)*	<b>83</b>
Protein All trials (%)*	<b>10.8</b>
HFN*	<b>175</b>
Specific weight (kg/hl)*	<b>77.3</b>

\*AHDB Recommended List Winter Wheat 2026/27.

For any early drilled wheat, a strong set of disease ratings coupled with stiff straw is a pre-requisite. LG Typhoon has 7 for Septoria and 6 for mildew but the variety, like many others last season, has been affected by a race change and as a result yellow rust will need to be monitored carefully. Its best performances are seen when sown before 25th September, performing well on light and heavy soils or in the second wheat slot. A later maturing variety (+2), LG Typhoon can help spread workloads at harvest.



# WINTER WHEAT 2026/27

	Scope of recommendation	Variety status	Fungicide-treated grain yield (% treated control)				Untreated grain yield (% treated control)		Disease resistance							Agronomic features									
			United Kingdom (11.1 t/ha)	East region (10.9 t/ha)	West region (11.4 t/ha)	North region (10.9 t/ha)	United Kingdom (11.1 t/ha)	Mildew (1-9)	Yellow rust (1-9)	Yellow rust (young plant)	Brown rust (1-9)	Septoria tritici (1-9)	Eyespot (1-9)	Fusarium ear blight (1-9)	Orange wheat blossom blight (1-9)	Resistance to lodging without PCR (1-9)	Resistance to lodging with PCR (1-9)	Lodging without PCR (%)	Lodging with PCR (%)	Straw length without PCR (cm)	Straw length with PCR (cm)	Flowering (days +/- Skyfall)	Resistance to sprouting (1-9)		
<b>UKFM GROUP 1</b>																									
KWS Zyatt	UK	*	100	99	101	100	70	[8]	3	s	7	6.3	7@	6	-	8	8	1	1	86	75	0	6		
Arlington	UK	NEW	99	100	99	[96]	94	[6]	7	s	6	7.0	[6]@	[6]	R	8	8	1	1	82	71	+0	[6]		
KWS Vibe	UK		97	96	98	99	88	[7]	8	s	6	6.5	6@	6	-	8	8	1	1	89	77	+1	[6]		
Skyfall	UK	C	96	96	96	96	64	5	3	s	8	6.2	6@	7	R	9	8	0	2	86	76	+0	5		
SY Cheer	UK		96	96	96	99	81	[7]	6	s	6	6.1	4	6	-	8	7	1	2	91	82	+1	[6]		
Crusoe	UK		95	94	95	94	72	[6]	7	s	3	6.5	5	6	-	8	8	1	2	84	75	+1	7		
RGT Illustrious	UK	*	94	94	95	95	81	[7]	8	s	5	6.2	6@	6	-	8	9	1	0	91	79	+1	6		
<b>UKFM GROUP 2</b>																									
KWS Arnie	UK		104	104	105	103	87	[6]	7	s	6	6.8	5	6	-	8	8	1	1	89	80	-1	[6]		
KWS Grebe	UK	NEW	103	103	103	[105]	87	6	6	s	5	6.4	[6]	[5]	R	8	8	1	1	84	75	-1	[6]		
KWS Extase	UK	C	102	102	102	102	90	6	7	s	7	6.5	4	6	-	7	7	2	2	93	85	-1	7		
LG Shergar	UK	*	102	101	102	104	86	[7]	6	s	6	6.4	5	6	-	8	8	1	1	82	74	+1	[6]		
KWS Equipe	E&W		102	101	103	99	90	[7]	7	s	7	6.7	4	6	-	7	7	3	4	96	86	-1	[7]		
KWS Palladium	UK		100	100	101	101	87	[7]	6	s	6	7.0	5	6	-	8	8	1	1	85	78	-1	6		
Mayflower	UK	*	97	97	98	98	87	[7]	4	s	6	8.5	5@	6	-	6	7	4	3	90	82	-0	7		
RGT Goldfinch	Sp		88	88	89	89	83	[8]	9	s	9	7.0	5	6	R	2	6	59	6	89	75	+2	[6]		
<b>UKFM GROUP 3</b>																									
KWS Solitaire	UK		106	105	107	106	87	[5]	6	s	5	6.4	5	5	R	5	6	10	7	91	81	+0	[5]		
Bamford	UK		105	104	106	107	89	[6]	6	s	6	6.4	6@	5	-	7	7	2	3	90	81	+0	[5]		
KWS Flute	N		105	104	105	108	81	[4]	7	s	4	6.3	5	6	R	6	7	6	3	84	75	+1	[6]		
<b>SOFT GROUP 4</b>																									
Sparkler	UK	NEW	106	106	107	[108]	87	5	7	s	4	7.2	[4]	[6]	-	7	6	2	7	92	80	+1	[6]		
LG Redwald	E&W		106	105	107	108	89	[5]	6	s	7	6.1	4	7	R	4	5	18	17	95	87	+2	[5]		
RGT Hexton	UK		103	103	102	109	82	[5]	8	s	4	6.6	5	6	R	7	7	2	3	89	79	+2	[6]		
KWS Zealun	N		102	102	101	103	81	[6]	8	s	5	6.3	5	7	R	7	7	3	2	90	81	+2	[6]		
Blackstone	UK		101	101	99	103	82	[6]	5	s	6	5.7	5	7	R	8	7	1	3	93	82	+2	[7]		
<b>HARD GROUP 4</b>																									
KWS Aintree	UK	NEW	110	110	111	[109]	85	5	3	s	5	6.3	[6]	[5]	R	7	7	2	3	93	80	-0	[6]		
LG Defiance	UK	NEW	109	108	110	[109]	95	7	8	s	5	6.3	[5]	[7]	R	7	5	3	10	97	87	+1	[7]		
LG Challenger	UK	NEW	107	107	107	[109]	93	7	7	s	5	6.1	[5]	[7]	R	7	7	2	3	94	83	+1	[5]		
KWS Fowlmere	UK	NEW	106	106	106	[108]	88	5	5	s	5	6.1	[6]	[7]	R	7	6	2	7	91	83	-2	[7]		
KWS Scope	UK		106	105	107	105	84	[6]	4	s	5	6.6	4	6	R	8	8	1	1	90	78	+1	[6]		
Champion	UK	C	106	105	107	105	82	[5]	4	s	5	7.2	4	6	R	7	6	3	6	89	81	+0	5		
LG Beowulf	UK		104	104	103	107	83	[5]	4	s	5	6.4	6	6	R	8	7	1	2	90	79	+2	[6]		
SY Insitor	N		104	104	103	107	75	[6]	4	s	5	6.5	4	7	R	6	7	5	3	95	82	+1	5		
RGT Guardsman	Sp	NEW	103	103	103	[104]	87	5	7	r	6	6.0	[5]	[5]	-	3	5	33	21	91	78	+1	[5]		
KWS Dawsum	UK		102	102	101	105	86	[7]	5	s	7	6.2	5	7	-	8	7	1	3	85	76	+1	6		
Graham	UK		102	101	103	104	86	[6]	8	s	5	6.4	4	7	-	7	8	2	2	90	79	-1	7		
LG Typhoon	UK		100	100	98	102	83	[6]	5	s	6	7.0	4	6	R	8	7	2	3	87	78	+2	6		
Average LSD (5%)			2.7	3.0	3.3	4.0	7.3	1.8	1.0		0.5	0.8	1.3	0.6		1.5	1.2	-	-	1.7	1.3	0.7	0.7		

Data from AHDB Recommended List 2026/27, reproduced with thanks to the AHDB and other associations responsible.

Main market options (The specific attributes of varieties are different, so, whenever possible, varieties should not be mixed in store)		Grain quality							Annual treated yield (% control)					Rotational position		Sowing date (most trials were sown in October)			Soil type (about 50% of trials are on medium soils)			Status in RL system						
UK bread-making	UK biscuit, cake-making	UK distilling quality	ukp bread wheat for export	uks soft wheat for export	Endosperm texture	Protein content (%)	Protein content (%) – milling spec	Hagberg Falling Number	Specific weight (kg/hl)	Chopin Alveograph W	Chopin Alveograph P/L	2021 (11.1 t/ha)	2022 (11.6 t/ha)	2023 (11.2 t/ha)	2024 (10.8 t/ha)	2025 (10.8 t/ha)	First cereal (11.3 t/ha)	Second and more (87 t/ha)	Early sown (before 25 Sept) (11.2 t/ha)	Late sown (after 1 Nov) (9.9 t/ha)	Latest safe-sowing date	Light soils (10.2 t/ha)	Heavy soils (11.8 t/ha)	Breeder	UK contact	Year first listed	RL status	
<b>UKFM GROUP 1</b>																												
Y	-	-	Y	-	Hard	11.5	12.5	271	78.5	-	-	100	100	99	103	99	100	99	[100]	97	End Jan	99	100	KWS	KWS	17	*	
Y	-	-	-	-	Hard	11.5	12.5	309	78.9	255	1.0	-	-	99	98	97	99	99	[102]	[199]	-	[95]	100	DSV	DSV	26	P1	
Y	-	-	-	-	Hard	11.9	13.4	294	78.6	[310]	[1.1]	-	97	97	100	97	97	96	[197]	[97]	[End Jan]	97	97	KWS	KWS	25	P2	
Y	-	-	-	-	Hard	11.6	12.8	290	79.1	[264]	[1.1]	96	95	97	96	96	96	97	95	97	End Feb	96	96	RACT	RACT	14	-	
Y	-	-	-	-	Hard	11.6	12.8	306	79.7	[289]	[1.7]	97	97	96	95	99	97	95	[197]	97	End Jan	97	96	SCP	Syn	24	-	
Y	-	-	Y	-	Hard	12.1	13.3	279	78.4	249	0.6	95	93	95	94	96	95	93	[97]	94	End Jan	94	94	Lim	Lim	12	-	
Y	-	-	-	-	Hard	11.6	12.7	263	78.2	-	-	93	95	96	95	94	95	92	[99]	93	End Jan	95	94	R2n	RACT	16	*	
<b>UKFM GROUP 2</b>																												
Y	-	-	-	-	Hard	11.0	12.1	296	78.8	[232]	[1.3]	-	104	105	106	103	104	104	-	[100]	[End Jan]	103	104	KWS	KWS	25	P2	
Y	-	-	[Y]	-	Hard	11.3	12.2	280	77.0	242	0.7	-	-	103	106	102	103	102	-	[101]	[End Jan]	[102]	102	KWS	KWS	26	P1	
Y	-	-	Y	-	Hard	11.3	12.2	293	79.1	209	0.7	101	102	102	103	101	102	101	102	101	End Jan	102	102	KWSM	KWS	19	-	
Y	-	-	-	-	Hard	11.0	12.1	298	80.0	[298]	[1.0]	-	102	103	103	103	102	100	[101]	[102]	[End Feb]	102	102	LimE	Lim	25	*	
Y	-	-	[Y]	-	Hard	11.4	12.3	310	79.3	208	0.7	-	101	102	102	102	100	-	[102]	[End Jan]	100	103	KWSM	KWS	25	P2		
Y	-	-	-	-	Hard	11.3	12.4	316	77.3	-	-	98	100	100	105	100	100	100	[198]	99	End Jan	100	100	KWS	KWS	22	-	
Y	-	-	Y	-	Hard	11.5	12.7	304	79.1	212	0.8	95	96	97	103	98	98	98	101	94	End Jan	99	97	ElsW	Els	22	*	
Y	-	-	-	-	Hard	11.7	12.9	288	77.5	[310]	[1.7]	-	89	88	90	89	89	87	-	[87]	[End Jan]	90	88	RACT	RACT	25	P2	
<b>UKFM GROUP 3</b>																												
-	Y	H	-	[Y]	Soft	10.6	11.6	197	76.8	106	0.5	-	106	105	108	105	106	105	[108]	[104]	[End Jan]	104	105	KWS	KWS	25	P2	
-	Y	M	-	Y	Soft	10.7	11.6	256	78.5	111	0.6	104	106	106	107	105	105	105	106	102	End Jan	106	104	ElsW	Els	24	-	
-	Y	M	-	[Y]	Soft	10.9	12.1	217	78.0	106	0.4	-	106	105	108	105	105	106	[109]	[102]	[End Jan]	105	104	KWS	KWS	25	P2	
<b>SOFT GROUP 4</b>																												
-	-	H	-	[Y]	Soft	10.8	11.7	226	76.7	99	0.5	-	-	106	109	107	106	107	-	[108]	[End Jan]	[106]	105	ElsW	Els	26	P1	
-	-	M	-	-	Soft	10.6	11.6	171	75.5	-	-	106	106	104	108	107	106	107	103	104	Mid Feb	106	104	LimE	Lim	23	-	
-	-	M	-	[Y]	Soft	10.6	11.9	247	76.4	104	0.5	-	104	105	107	103	103	106	[106]	[101]	[End Jan]	106	103	RACT	RACT	25	P2	
-	-	M	-	-	Soft	10.5	11.8	214	76.5	-	-	101	102	101	102	103	102	[103]	103	[104]	End Jan	104	101	KWS	KWS	23	-	
-	-	M	-	-	Soft	10.7	11.6	298	78.5	130	0.5	101	102	101	100	102	101	100	101	103	Mid Feb	103	100	ElsW	Els	24	-	
<b>HARD GROUP 4</b>																												
-	-	-	-	-	Hard	10.4	11.3	277	78.7	-	-	-	-	110	111	110	110	109	[110]	[111]	[End Jan]	[109]	110	KWS	KWS	26	P1	
-	-	-	-	-	Hard	10.5	11.3	260	77.0	-	-	-	-	109	111	108	109	110	-	[108]	[End Jan]	[108]	109	-	Lim	26	P1	
-	-	-	-	-	Hard	10.2	11.3	295	78.6	-	-	-	-	109	108	107	107	110	[110]	[106]	[End Jan]	[108]	106	-	Lim	26	P1	
-	-	-	[Y]	-	Hard	11.0	11.9	299	79.8	202	0.7	-	-	107	109	105	107	105	-	[105]	[End Jan]	[108]	106	KWS	KWS	26	P1	
-	-	-	-	-	Hard	10.6	11.8	251	78.6	-	-	-	105	107	108	104	106	105	[108]	[103]	[End Jan]	104	105	KWS	KWS	25	P2	
-	-	-	-	-	Hard	10.9	12.1	253	75.3	-	-	-	105	105	106	109	103	105	106	106	105	Mid Feb	104	106	DSV	DSV	22	-
-	-	-	-	-	Hard	11.0	12.3	263	78.3	-	-	-	106	105	106	103	105	105	104	103	105	End Jan	104	104	LimE	Lim	24	-
-	-	-	-	-	Hard	10.4	11.4	279	78.6	-	-	-	105	104	105	106	103	104	107	[106]	[102]	End Jan	107	102	SyP	Syn	20	-
-	-	-	-	-	Hard	10.0	10.9	246	75.8	-	-	-	-	103	102	105	102	106	-	[104]	[End Jan]	[105]	101	RACT	RACT	26	P1	
-	-	-	-	-	Hard	10.8	11.9	312	79.6	-	-	-	103	103	103	101	104	102	103	104	104	End Jan	105	102	KWS	KWS	22	-
-	-	-	-	-	Hard	11.0	11.9	284	77.6	-	-	-	102	103	102	106	102	103	100	104	101	End Jan	102	101	SyP	Syn	16	-
-	-	-	-	-	Hard	10.8	11.9	175	77.3	-	-	100	98	100	104	98	100	101	102	100	End Jan	101	99	LimE	Lim	22	-	
0.2	0.4	20.7	0.7	29.8	0.2	-	-	-	-	-	-	-	-	-	-	2.8	3.3	6.6	4.2	-	-	4.0	3.5	-	-	-	-	

## SPRING WHEAT

**The most widely grown type of wheat around the globe, spring or non-vernalising wheats have fallen from 20% of the UK wheat area in the 1980s to under 2% of the total UK crop coming to harvest in 2026.**

Getting spring wheat off to a flying start is critical for growers to maximise yields whilst taking advantage of the higher protein levels that the crop usually produces. Getting the crop to grow away quickly will also help with grass weed suppression, whilst the right nutrition will ensure a strong crop of the right quality.

More and more frequently, drilling September onwards is hampered by the UK's weather – winter and November sown spring wheats are therefore important tools to have in hand on-farm to make the most out of your wheat rotation. Moreover, delaying drilling date remains one of the most important ways of reducing the competition from grassweeds and is important with later harvest crops like potatoes, sugar beet and maize crops in the rotation.

So, if you are looking to spring wheat to serve a quality market, help your rotations, get soils back to better structures, reduce weed burdens or simplify your crop management, then take a closer look at what the new spring wheats can offer either late autumn or spring sown.

Contact your local GFP farm trader or agronomist to see how spring wheats can fit in your rotation this growing season.



## KWS Harsum KWS UK Ltd



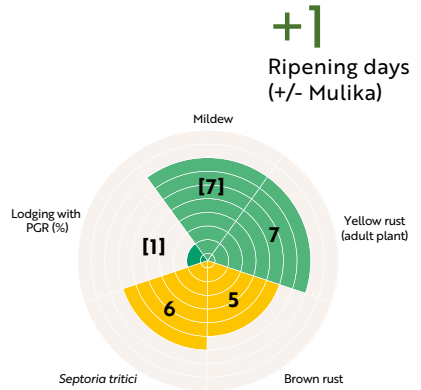
Pedigree: KWS Sywell x KWS Scirocco

**Best in class combination of yield potential Group 1 baking performance and OWBM resistance.**

Type	<b>UKFM Group 1 spring wheat</b>
AHDB recommended	<b>UK Recommended, Listed 2023</b>
UK treated yield (% controls)*	<b>101</b>
Protein All trials (%)*	<b>12.8</b>
HFN*	<b>326</b>
Specific weight (kg/hl)*	<b>78.7</b>

\*AHDB Recommended List Spring Wheat 2026/27.

KWS Harsum is a high yielding Group 1 wheat that offers growers the best combination of high-quality breadmaking potential with high yields and OWBM resistance. This variety has lower protein than other Group 1 spring wheats, but the gluten strength is good and consistent giving the variety full Group 1 baking potential. A good all-round disease package is backed by good resistance to yellow rust (7) and OWBM resistance.



## STR Pace Strube



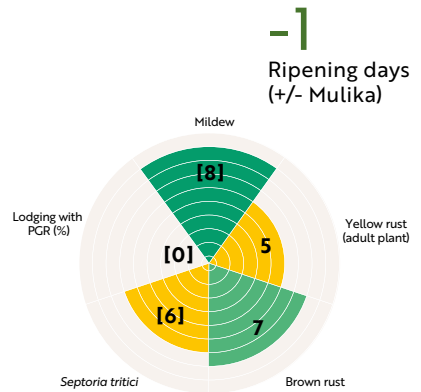
Pedigree: Coded line x (KWS Chamsin x Lennox)

**STR Pace is specifically designed to follow late-lifted break crops such as sugar beet, maize and potatoes. Quick to emerge, establish and develop rapidly with good winter hardiness and no vernalisation requirement.**

Type	<b>UKFM Group 1 spring wheat</b>
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK treated yield (% controls)*	<b>100</b>
Protein All trials (%)*	<b>13.0</b>
HFN*	<b>303</b>
Specific weight (kg/hl)*	<b>80.6</b>

\*AHDB Recommended List Spring Wheat 2026/27.

A cross between a winter and spring wheat, this variety is extremely vigorous in its growth habit. Flexible drilling from late October through to April (Breeder data).



## KWS Ladum KWS UK Ltd



Pedigree: KWS Sywell x KWS Talland

The first spring wheat to take Group 1 yields a step ahead of Mulika.

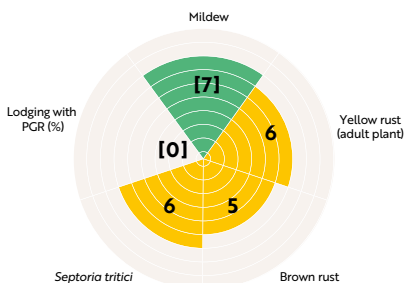
Type	UKFM Group 1 spring wheat
AHDB recommended	UK Recommended, Listed 2022
UK treated yield (% controls)*	98
Protein All trials (%)*	13.3
HFN*	330
Specific weight (kg/hl)*	78.1

\*AHDB Recommended List Spring Wheat 2026/27.

In the spring-sown slot, KWS Ladum is a massive 5% ahead of Mulika in terms of yield. Very good grain includes high proteins (13.3%), Hagberg (330) and a specific weight (78.1kg/hl) with Group 1 milling and baking performance. A good balanced disease package includes [7] for mildew, 6 for yellow rust, 5 for brown rust and a good 6 for Septoria. The scores for this variety are coupled with shorter straw than tried-and-tested Mulika but with similar early maturity (0).

0

Ripening days (+/- Mulika)



## KWS Alicium KWS UK Ltd



Pedigree: KWS 13-21 x Astrid

Superb grain quality with high yield potential and earliness to harvest.

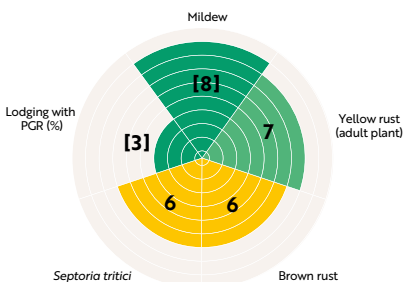
Type	UKFM Group 2 spring wheat
AHDB recommended	UK Recommended, Listed 2023
UK treated yield (% controls)*	104
Protein All trials (%)*	13.1
HFN*	346
Specific weight (kg/hl)*	80.1

\*AHDB Recommended List Spring Wheat 2026/27.

KWS Alicium is an exciting spring type because of its excellent grain quality, early maturity and potential to deliver very high yields when sown in the spring and late autumn. Its high-quality German parentage gives the variety very high protein and one of the highest specific weights on the Recommended List for spring wheat in 2026/27. An early maturing variety, KWS Alicium has shown no major agronomic weaknesses with high resistances to yellow rust and mildew combined with resistance to orange wheat blossom midge (OWBM).

-2

Ripening days (+/- Mulika)



# SPRING WHEAT 2026/27

Data from AHDB Recommended List 2026/27, reproduced with thanks to the AHDB and other associations responsible.

			UK yield as % control (spring sowing)	Disease resistance								Agronomic features (spring sowing)				Grain quality (spring sowing)				Annual treated yield (% control, spring sowing)					Breeder/UK contact		Status in RL system	
				Scope of recommendation	Variety status	Fungicide-treated (7.2 t/ha)	Mildew (1-9)	Yellow rust (1-9)	Brown rust (1-9)	Septoria tritici (1-9)	Orange wheat blossom midge	Lodging with PGR (%)	Straw length without PGR (cm)	Ripening (days +/- Mulika)	Endosperm texture	Protein content (%)	Hagberg Falling Number	Specific weight (kg/hl)	2021 (7.8 t/ha)	2022 (7.3 t/ha)	2023 (6.9 t/ha)	2024 (8.6 t/ha)	2025 (5.2 t/ha)	Breeder	UK contact	Year first listed	RL status	
<b>UKFM GROUP 1</b>																												
<b>KWS Harsum</b>	UK		101	[7]	7	5	6	R	[1]	79	1	Hard	12.8	326	78.7	102	97	[100]	[103]	[101]	KWS	KWS	23	-				
<b>STR Pace</b>	UK		100	[8]	5	7	[6]	-	-	80	-1	Hard	13.0	303	80.6	-	101	[106]	[98]	[99]	Str	AgV	25	P2				
<b>KWS Ladum</b>	UK	C	98	[7]	6	5	6	-	[0]	73	0	Hard	13.3	330	78.1	100	100	[99]	[97]	[96]	KWS	KWS	22	-				
<b>Nissaba</b>	UK		93	[5]	5	8	6	R	[1]	75	2	Hard	13.5	306	76.9	93	91	[97]	[94]	[90]	BA	BA	22	-				
<b>Mulika</b>	UK		93	[7]	6	6	6	R	[4]	78	0	Hard	14.0	319	77.0	93	96	[95]	[90]	[90]	BA	Sen	11	-				
<b>Charland</b>	Sp	NEW	90	6	4	7	[6]	R	-	73	-1	Hard	13.8	314	79.2	-	-	[95]	[90]	[84]	BA	BA	26	P1				
<b>UKFM GROUP 2</b>																												
<b>KWS Alicium</b>	UK		104	[8]	7	6	6	R	[3]	84	-2	Hard	13.1	346	80.1	103	104	[107]	[104]	[100]	KWSL	KWS	23	-				
<b>KWS Bezique</b>	UK		103	[7]	7	6	[6]	R	-	76	+1	Hard	12.8	316	78.7	-	104	[103]	[105]	[100]	KWS	KWS	25	P2				
<b>WPB Mylo</b>	UK		101	[8]	6	8	7	-	[1]	74	+1	Hard	12.9	303	77.2	101	100	[105]	[102]	[98]	WPB	NPZU	24	-				
<b>HARD GROUP 4</b>																												
<b>Merkawa</b>	UK	NEW	107	9	7	7	[5]	-	-	78	-1	Hard	12.2	296	77.3	-	-	[109]	[108]	[104]	HRS	Sen	26	P1				
<b>WPB Clifden</b>	UK	NEW	105	9	5	6	[5]	-	-	82	+0	Hard	12.3	282	78.0	-	-	[107]	[104]	[106]	WPB	Lim	26	P1				
<b>Everlong</b>	UK		105	[6]	8	7	6	-	[17]	79	-1	Hard	12.9	329	80.5	102	107	[107]	[102]	[107]	SE	COPE	24	-				
<b>WPB Fraser</b>	UK		104	[8]	8	5	[6]	-	-	80	+0	Hard	12.6	233	75.4	-	104	[108]	[102]	[106]	WPB	Lim	25	P2				
<b>KWS Fixum</b>	UK	*C	103	[7]	6	6	6	-	[1]	79	+2	Hard	12.9	241	77.5	103	104	[101]	[103]	[103]	KWS	KWS	22	*				
<b>Orphelia</b>	UK		102	[8]	7	6	[6]	-	-	77	-1	Hard	12.0	267	79.7	-	104	[105]	[102]	[97]	-	Els	25	P2				
<b>Average LSD (5%)</b>			3.0	2.0	0.4	0.9	0.9	-	-	2.2	1.4		0.3	19.4	0.6	4.7	4.0	5.9	5.4	5.2								



# RGT GRIFFIN

## UNCOMPROMISING ON YIELDS

**HARD FEED WINTER WHEAT**

**HIGH YIELDING AND BYDV RESISTANCE**

**OWBM RESISTANT**

**HIGH RUST RESISTANCE**

RAGT.UK  
01799 533700



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SOLUTIONS  
think RAGT



# WINTER BARLEY

2026/27 VARIETIES

## WINTER BARLEY

**Our maritime climate helps the growers in the UK to produce some of the highest yielding winter barley crops in the world, and for many years our winter barley area has remained relatively stable.**

At around 356,000 hectares planted (AHDB Provisional Early Bird Survey), harvest 2026 is expected to see another one of the smallest winter barley crops in some time as a knock-on effect of poor pricing and continued reduced areas of oilseed rape on farm.

But let's not forget all the good things that winter barley can offer – as growers focus their attention on getting the most out of OSR, winter barley remains a useful part of a successful oilseed rape rotation, adds diversity to the crop mix and in the second cereal slot has yields that challenge even the best second wheat crops. There are also the prospects for growers to consistently boost their yields with hybrid barleys whilst using that all important grass weed suppression for blackgrass control. Premium markets are available from winter malting options too.



## Good reasons to grow winter barley in 2026

- There's no better entry into oilseed rape.
- Winter barley is routinely the first crop to be harvested, so it helps to spread the summer workload and give some time for cultivations for the following crop to start.
- The crop has excellent carbon credentials – given the same fertiliser regime as wheat (170-220 kg N/ha) winter barley delivers similar yields and often does better in the second cereal situations.
- Variable costs have remained relatively static compared with wheat costs, ranging from £66.91/ha in 2019 to a peak of £74.93/ha in 2023, before easing slightly to £66.47/ha in 2024.
- Fungicide timings are typically a week earlier than wheat, helping to spread the sprayer workload and reduce the pressure on wheat application timings.
- Barley straw is in demand and often has a higher sale value than wheat.
- Investment in conventional and hybrid barley breeding is bringing diverse plant types with better disease and virus resistances onto the market for growers.
- There's opportunity for some growers to access premiums available in the winter mating sector.

## Winter Barley drilling times

		September			October			November			December		
		Early	Mid	Late	Early	Mid	Late	Early	Mid	Late	Early	Mid	Late
Winter barley sowing		Disease ratings and BYDV resistance key		Mainstream barley sowing				No cut-off date but yield and harvest date severely impacted					
<b>Craft</b>	Conventional 2-row malting												
<b>Buccaneer</b>	Conventional 2-row malting												
<b>SY Kestrel</b>	Hybrid 6-row feed												
<b>SY Barnabus</b>	Hybrid 6-row feed												
<b>ST Quantock</b>	Hybrid 6-row feed												
<b>Inys</b>	Hybrid 6-row feed												
<b>SY Kingsbarn</b>	Hybrid 6-row feed												
<b>KWS Valencis</b>	Conventional 2-row feed												
<b>LG Caravelle</b>	Conventional 2-row feed												
<b>Kitty</b>	Conventional 2-row feed												
<b>KWS Tardis</b>	Conventional 2-row feed												

Optimum drilling date.

Possible drilling date but decision should be based on seed bed quality, soil temperature and weather. Note: yield and harvest date may be impacted.

## Why Hybrid Barley is a good option for your farm?

For over 20 years, barley growers in the UK have been seeing the year-on-year benefits of including a hybrid in their rotation. Hybrid barley has a different plant structure to conventional barley; hybrid vigour allows for the development of an aggressive rooting structure for better scavenging of moisture and nutrients.

This means that the plants can obtain and use nitrogen more efficiently leading to better yields, especially in the most challenging of seasons. These consistent yield benefits are also bolstered by the hybrid barley's ability to produce greater above ground biomass and so act as a grass weed suppressor – being more competitive with blackgrass than conventional winter barley or wheat, and very competitive with brome and ryegrass.



## The introduction of novel genetics this season adds to the advantages of hybrids over conventional barley offerings for some UK growers:

- 1 High yield stability over different seasons: as the weather becomes even more challenging and varied, hybrids typically provide excellent long term yield stability.
- 2 Higher yields than wheat alternatives in the second cereals slot.
- 3 Flexibility around drilling – hybrids deliver their best performances when drilled later: (mid/late Oct). This helps when extreme weather events are prevalent at drilling and push drilling later.
- 4 Development of strong and deeper rooting structures – increasing the surface area that roots have to take-up nutrients and water, as well as better root anchorage.
- 5 More above ground biomass development which leads to better grassweed suppression.
- 6 Earlier maturity which can help with harvest workloads and grain logistics as well as being an ideal entry into OSR.
- 7 Additional income from high yields of straw or own-farm use for livestock bedding.
- 8 Inclusion of new functional and genetic traits such as high specific weights and BYDV resistance and WDV tolerance.

## Key hybrids for 2026



### SY Barnabus

**The next step in hybrid yield potential across the UK**

**Highest untreated yield of any hybrid barley listed in 2026**

**Very high specific weight (71.3 kg/hl)**



### Inys

**Very high yield potential (107% UK)**

**86% controls untreated**

**A great all-round disease package that results in high untreated yields of 86% controls untreated**



### SY Quantock

**A truly flexible hybrid that has shown excellent performances across a range of sites and seasons**

**SY Quantock has a good set of disease scores backed by good straw**

## SY Barnabus Syngenta



A new hybrid with the best combination of yield potential, untreated yield performance and specific weight across all regions of the UK.

Type	<b>Hybrid, six-row feed winter barley</b>
AHDB recommended	<b>UK Recommended Listed 2026</b>
UK yield (% controls)*	<b>108</b>
East (% controls)	<b>108</b>
West (% controls)	<b>[109]</b>
North (% controls)*	<b>[106]</b>
Untreated yield (% controls)*	<b>93</b>
Specific weight (kg/hl)*	<b>71.3</b>

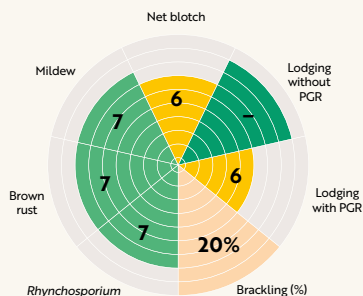
\*AHDB Recommended List Winter Barley 2026/27.

One for all professional hybrid barley growers this season, SY Barnabus brings the highest yield of any hybrid on the 2026 Recommended List but backed with excellent disease and grain characteristics. With its best performances in the east and west of the UK, Barnabus brings all the benefits of hybrid barley in an easy-to-grow package thanks to high disease scores for the key wet weather barley diseases and the benefits of a good grain package.

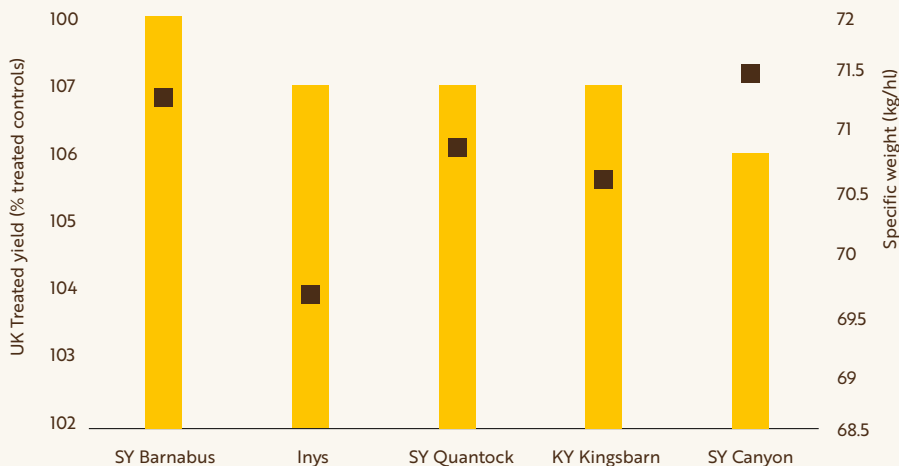
It's early to mature (0 days +/-LG Caravelle) and straw should be monitored to harness the true potential of this variety.

# 0

Earliness of maturity  
(+/- LG Caravelle)



## SY Barnabus – A winning mainstream hybrid combination of yield and specific weight



## Ptarmigan Secobra Research

Pedigree: Skyway x Hurler

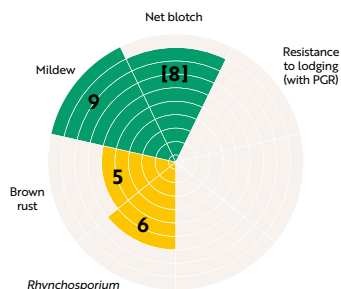
Ptarmigan is a high yielding spring barley with provisional approval for malting. A good set of agronomics and high spec weight with early maturity.

Type	Conventional, 2-row Malting
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK yield (% controls)*	<b>103</b>
East (% controls)	<b>102</b>
West (% controls)	<b>[105]</b>
North (% controls)*	<b>103</b>
Untreated yield (% controls)*	<b>89</b>
Specific weight (kg/hl)*	<b>69.4</b>

\*AHDB Recommended List Winter Barley 2026/27.

**71**  
Straw length  
without PGR (cm)

**0**  
Earliness of maturity  
(+/- LG Caravelle)



## Inys KWS UK Ltd

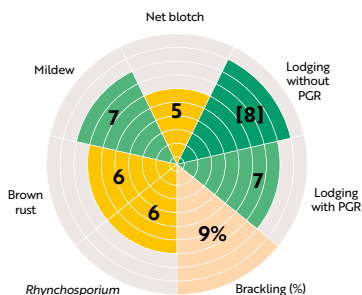


New genetics taking hybrid yields up a notch with super stiff, reliable straw.

Type	Hybrid, six-row feed winter barley
AHDB recommended	<b>UK Recommended Listed 2025</b>
UK yield (% controls)*	<b>107</b>
East (% controls)	<b>108</b>
West (% controls)	<b>[105]</b>
North (% controls)*	<b>107</b>
Untreated yield (% controls)*	<b>86</b>
Specific weight (kg/hl)*	<b>69.6</b>

\*AHDB Recommended List Winter Barley 2026/27.

**-1**  
Earliness of maturity  
(+/- LG Caravelle)



Inys is the first six-row hybrid from KWS and was added to the Recommended List as a high yielding barley. The hybrid performs well across all the regions with its best performances to date in the east (108%). This high yield is bolstered by a great all-round disease package and super stiff straw that results in high untreated yields of 86% untreated controls. It's early to mature (-1 days +/-LG Caravelle) and has a reasonable specific weight of 69.6kg/hl.

## SY Quantock Syngenta

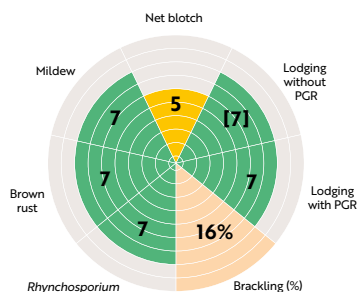


Super high and consistent yields across the west and north with excellent performances on more marginal land.

Type	Hybrid, six-row feed winter barley
AHDB recommended	<b>UK Recommended Listed 2025</b>
UK yield (% controls)*	<b>107</b>
East (% controls)	<b>106</b>
West (% controls)	<b>[108]</b>
North (% controls)*	<b>107</b>
Untreated yield (% controls)*	<b>91</b>
Specific weight (kg/hl)*	<b>70.9</b>

\*AHDB Recommended List Winter Barley 2026/27.

**-1**  
Earliness of maturity  
(+/- LG Caravelle)



A truly flexible hybrid that has shown excellent performances across a range of sites and seasons. The highest untreated yield of the recommended hybrid barleys, SY Quantock has a good set of disease scores backed by stiffer straw and lower brackling (16%) than on-farm favourite SY Kingsbarn. A high specific weight of 70.9kg/hl completes this attractive package.





New  
Hybrid  
Barley



# Secure your yield

 **SY Quantock**

Stabilise your yield with a hybrid barley  
that makes growing straightforward  
and results consistent.

 **SY Quantock**  
Hyvido®

**syngenta®**

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Jealott's Hill International Research Centre, Bracknell, Berkshire, RG42 6EY  
Website: [www.syngenta.co.uk](http://www.syngenta.co.uk). For technical enquiries, call 01223 883400  
or visit [syngenta.co.uk/contact-us](http://syngenta.co.uk/contact-us) to contact your local Area Manager.



## SY Kestrel Syngenta



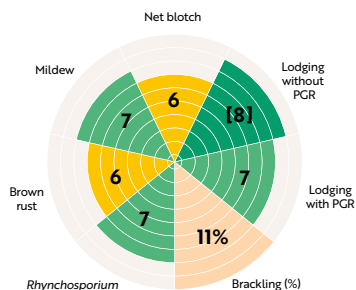
Next generation hybrid barley offering hybrid yields, stiff straw and broad-spectrum viral protection.

Type	Hybrid, six-row feed winter barley
AHDB recommended	<b>UK Recommended for specialist use – BYDV, Listed 2025</b>
UK yield (% controls)*	<b>103</b>
East (% controls)	<b>102</b>
West (% controls)	<b>[104]</b>
North (% controls)*	<b>104</b>
Untreated yield (% controls)*	<b>84</b>
Specific weight (kg/hl)*	<b>69.1</b>

\*AHDB Recommended List Winter Barley 2026/27.

SY Kestrel is an exciting new hybrid barley which brings in-built viral protection to growers offering complete resistance to BYDV (-MAV, -PAV and -RPV strains), BaYMV1 and tolerance to WDV. An ideal option for growers in high pressure BYDV hotspots, those looking to decrease insecticide usage and take advantage of SFI schemes available, or growers looking for reliable varieties to widen the drilling window of hybrid barley.

**-1**  
Ripening days  
(+/- LG Caravelle)



## SY Kingsbarn Syngenta

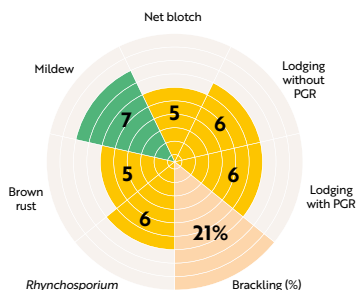


Tried and tested hybrid yields coupled with good grain.

Type	Hybrid, six-row feed winter barley
AHDB recommended	<b>UK Recommended Listed 2019</b>
UK yield (% controls)*	<b>107</b>
East (% controls)	<b>106</b>
West (% controls)	<b>107</b>
North (% controls)*	<b>107</b>
Untreated yield (% controls)*	<b>80</b>
Specific weight (kg/hl)*	<b>70.6</b>

\*AHDB Recommended List Winter Barley 2026/27.

**0**  
Ripening days  
(+/- KWS Orwell)





# SY KESTREL

# The only **BYDV RESISTANT** barley variety has landed.



- **BYDV resistance and WDV tolerance for breakthrough virus protection.**
- **Reduce insecticide use without impacting yield.**
- **Future-proof your barley crop.**



 **SY Kestrel**  
Hyvido® Neo

 syngenta®

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Website: [www.syngenta.co.uk](http://www.syngenta.co.uk). HYVIDO® is a registered trademark of Syngenta.  
For technical enquiries, call 01223 883400 or visit [syngenta.co.uk/contact-us](http://syngenta.co.uk/contact-us) to contact your local Area Manager.

## Buccaneer Saaten Union UK



The stiff strawed high yielding brewing specialist that performs especially well in the east.

Type	Conventional, 2-row malting
AHDB recommended	<b>UK Recommended, Listed 2023</b>
UK treated yield (% controls)*	<b>98</b>
East (% controls)	<b>99</b>
West (% controls)	<b>98</b>
North (% controls)*	<b>96</b>
Untreated yield (% controls)*	<b>88</b>
Specific weight (kg/hl)*	<b>69.6</b>

\*AHDB Recommended List Winter Barley 2026/27.

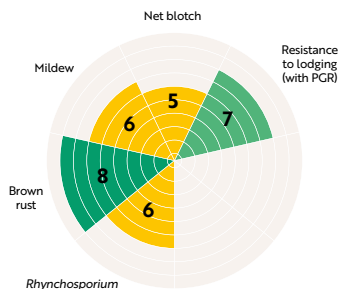
Newly approved for brewing in 2024, Buccaneer brings high yields to the winter malting barley RL with its best performances being observed in the east. With good all-round agronomics, the variety has the highest untreated yields of this market sector, thanks to good disease scores including 8 for brown rust. Like many other winter malting types, Buccaneer is taller strawed but stiff strawed with good resistance to brackling (5%).

# 97

Straw length without PGR (cm)

# +1

Ripening days (+/- KWS Orwell)



## Craft Syngenta Seeds



Pedigree: SY208-56 x SY Venture

Consistent yields are backed by good support from end users.

Type	Conventional, 2-row malting
AHDB recommended	<b>UK Recommended, Listed 2016</b>
UK treated yield (% controls)*	<b>93</b>
East (% controls)	<b>92</b>
West (% controls)	<b>93</b>
North (% controls)*	<b>93</b>
Untreated yield (% controls)*	<b>80</b>
Specific weight (kg/hl)*	<b>70.0</b>

\*AHDB Recommended List Winter Barley 2026/27.

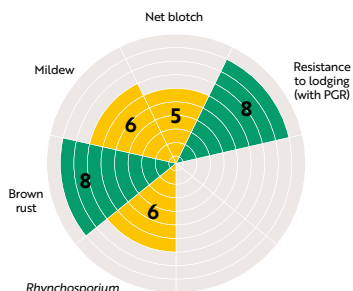
Tried and tested over many seasons, Craft remains the malting industry's favourite winter brewing barley thanks to its bold grain, good specific weight and high hot water extract. For growers, the variety offers consistent yields of relatively tall but stiff straw with twin 8s for standing with and without PGR. A good all-round disease package, including good resistance to brown rust (8), completes this reliable variety.

# 99

Straw length without PGR (cm)

# 0

Ripening days (+/- LG Caravelle)



# KWS Valencis kws UK Ltd



Pedigree: KWS Tardis x KWS Caribou

Very high yielding across all the regions with good specific weight and similar maturity to on-farm favourite KWS Orwell.

# 95

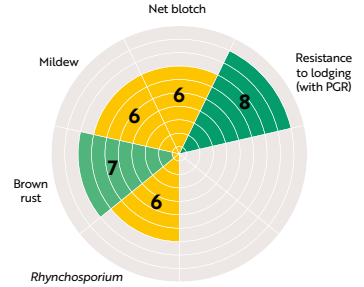
Straw length without PGR (cm)

# 0

Ripening days (+/- LG Caravelle)

Type	Conventional, 2-row feed
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK treated yield (% controls)*	<b>106</b>
East (% controls)	<b>106</b>
West (% controls)	<b>[105]</b>
North (% controls)*	<b>105</b>
Untreated yield (% controls)*	<b>89</b>
Specific weight (kg/hl)*	<b>70.3</b>

\*AHDB Recommended List Winter Barley 2026/27.



In its second year of commercialisation, KWS Valencis is a very high-yielding conventional two-row feed barley. KWS Valencis has shown consistent performance across the country and over the last three years with good grain characteristics. It performs particularly well on light soils (105%) and its untreated yield of 89% of controls gives it real versatility in a number of production systems. Even in the challenging year of 2024, KWS Valencis' strong untreated yield and brackling (8%) held up.



## LG Caravelle Limagrain



Pedigree: LGBU11-5495B x KWS Moselle

A great combination of yield and grain quality for conventional winter barley growers. One of the highest untreated yields is backed by an impressive set of disease scores including 7s for both mildew and brown rust.

Type	Conventional, 2-row feed
AHDB recommended	<b>UK Recommended, Listed 2023</b>
UK treated yield (% controls)*	<b>105</b>
East (% controls)	<b>107</b>
West (% controls)	<b>105</b>
North (% controls)*	<b>103</b>
Untreated yield (% controls)*	<b>90</b>
Specific weight (kg/hl)*	<b>71.7</b>

\*AHDB Recommended List Winter Barley 2026/27.

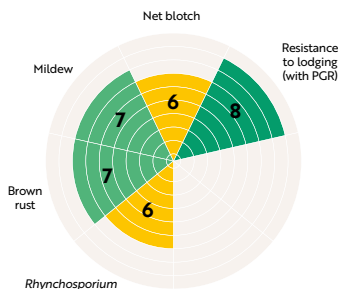
A consistently high yielding two-row feed for all regions of the UK, LG Caravelle offers growers one of the best specific weights on the Recommended List (71.7kg/hl) with low screenings (1.9% and 5.3% through a 2.25mm and 2.5mm sieve respectively). It performs well on light (104%) and heavy land (107%), has a strong disease package and is agronomically sound with reasonably stiff straw (7 without PGR, 8 with PGR), medium height and mid-maturity.

# 93

Straw length without PGR (cm)

# 0

Ripening days (+/- LG Caravelle)



## Kitty Senova



Pedigree: Valerie x LMGN3601

A first choice, low risk winter barley for growers (especially those in the north) thanks to superb yield potential, the highest specific weight and lowest brackling score of any winter barley on the 2026/27 Recommended List.

Type	Conventional, 2-row feed
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK treated yield (% controls)*	<b>103</b>
East (% controls)	<b>103</b>
West (% controls)	<b>[101]</b>
North (% controls)*	<b>106</b>
Untreated yield (% controls)*	<b>80</b>
Specific weight (kg/hl)*	<b>73.0</b>

\*AHDB Recommended List Winter Barley 2026/27.

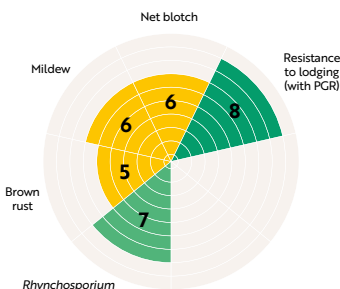
Following-on from two-row feed variety Valerie, Kitty brings Rym5 resistance to winter barley growers to offer protection from both soil-borne BaYMV strains 1 and 2. In the north Kitty has huge yield potential at 106% of controls and the highest specific weight of any variety on the 2026/27 Recommended List for Winter Barley at 73.0 kg/hl with low screenings (1.5% through 2.25mm sieve). Furthermore, the variety has good resistance to lodging coupled with the lowest score of brackling in the conventional two-row feed sector (4%). Performing well across the rotation, Kitty has a maturity of +2 days compared with LG Caravelle.

# 95

Straw length without PGR (cm)

# +2

Ripening days (+/- LG Caravelle)



## KWS Tardis KWS UK Ltd



Pedigree: 11-12 x KWS Orwell

A 2-row winter feed that has become a firm farm favourite thanks to its dependable yield, super stiff straw and good grain quality. Performs best on heavier land.

Type	Conventional, 2-row feed
AHDB recommended	<b>UK Recommended, Listed 2021</b>
UK treated yield (% controls)*	<b>103</b>
East (% controls)	<b>103</b>
West (% controls)	<b>101</b>
North (% controls)*	<b>103</b>
Untreated yield (% controls)*	<b>84</b>
Specific weight (kg/hl)*	<b>70.6</b>

\*AHDB Recommended List Winter Barley 2026/27.

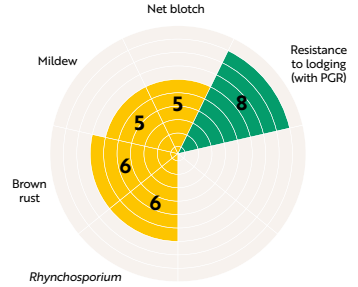
Still a popular choice on farm, KWS Tardis is a tried and tested conventional feed that continues to perform no matter the site or season. Northern growers will be impressed by its stiff straw. Along with Kitty, this is the only two-row to have twin 8s for standing with and without PGR. In addition, KWS Tardis has an excellent disease package, boasting 6s for Rhynchosporium and brown rust and a better mildew score at 5 than its parent KWS Orwell. It's also early to mature (0 days +/- LG Caravelle) and delivers marketable grain with a very good specific weight (70.6 kg/hl) and low screenings.

# 95

Straw length  
without PGR (cm)

# 0

Ripening days  
(+/- LG Caravelle)



# WINTER BARLEY 2026/27

	Scope of recommendation	Variety status	Fungicide-treated grain yield (% treated control)				Untreated grain yield (% treated control)	Disease resistance					Agronomic features						
			United Kingdom (9.8 t/ha)	East region (9.5 t/ha)	West region (9.6 t/ha)	North region (10.8 t/ha)	United Kingdom (9.8 t/ha)	Mildew (1-9)	Brown rust (1-9)	Rhynchosporium (1-9)	Net blotch (1-9)	BaYMY2	BYDV	WDV	Resistance to lodging without PGR (1-9)	Resistance to lodging with PGR (1-9)	Lodging without PGR (%)	Lodging with PGR (%)	Straw length without PGR (cm)
<b>TWO-RROW MALTING</b>																			
<b>Buccaneer</b>	UK		98	99	98	96	88	6	8	6	5	-	-	-	7	7	10	3	97
<b>Craft</b>	UK	C	93	92	93	93	80	6	8	6	5	-	-	-	8	8	2	1	99
<b>TWO-RROW FEED</b>																			
<b>LG Capitol</b>	UK		106	106	105	105	89	7	7	6	5	-	-	-	7	7	4	2	91
<b>KWS Valencis</b>	UK		106	106	[105]	105	89	6	7	6	6	-	-	-	[7]	8	[6]	1	95
<b>LG Caravelle</b>	UK		105	107	105	103	90	7	7	6	6	-	-	-	7	8	4	1	93
<b>Russo</b>	E		104	106	[104]	101	88	5	6	5	5	-	-	-	[7]	7	[9]	3	95
<b>NOS Olena</b>	UK		104	105	[103]	106	86	6	6	6	6	-	-	-	[7]	8	[6]	1	95
<b>LG Catapult</b>	UK Sp	NEW	104	106	[104]	[101]	90	6	7	[6]	5	-	To	-	-	6	-	5	92
<b>Darcie</b>	E	NEW	104	106	[101]	[104]	80	6	5	7	6	R	-	-	-	7	-	4	94
<b>SU Arion</b>	E&N		103	106	[99]	103	85	8	6	6	6	-	-	-	[7]	6	[6]	4	96
<b>Kitty</b>	UK		103	103	[101]	106	80	6	5	7	6	R	-	-	[8]	8	[2]	1	95
<b>KWS Tardis</b>	UK	C	103	103	101	103	84	5	6	6	5	-	-	-	8	8	3	1	95
<b>LG Carpenter</b>	E&W Sp		103	104	[102]	98	91	6	7	7	6	-	To	-	[6]	6	[20]	5	100
<b>Organa</b>	UK Sp		102	104	[102]	[100]	90	7	8	7	4	-	To	-	[6]	7	[18]	2	106
<b>Bolton</b>	UK	*	101	103	100	100	86	6	7	5	5	-	-	-	8	8	3	1	93
<b>Valerie</b>	UK	*	99	99	97	101	70	8	4	6	6	R	-	-	8	8	3	1	95
<b>SIX-RROW FEED</b>																			
<b>SY Barnabus#</b>	UK	NEW	108	108	[109]	[106]	93	7	7	7	6	-	-	-	6	-	6	115	
<b>Inys#</b>	UK		107	108	[105]	107	86	7	6	6	5	-	-	-	[8]	7	[2]	2	113
<b>SY Quantock#</b>	UK		107	106	[108]	107	91	7	7	7	5	-	-	-	[7]	7	[6]	3	113
<b>SY Kingsbarn#</b>	UK	C	107	106	107	107	80	7	5	6	5	-	-	-	6	6	14	7	115
<b>SY Canyon#</b>	UK		106	106	105	107	90	8	6	6	5	-	-	-	6	6	14	7	117
<b>Integral</b>	UK Sp		105	105	[106]	102	89	4	6	6	6	-	To	-	[8]	8	[2]	1	104
<b>SY Kestrel#</b>	UK Sp		103	102	[104]	104	84	7	6	7	6	-	R	To	[8]	7	[3]	3	115
<b>KWS Feeris</b>	UK Sp	*C	102	102	103	102	83	5	6	6	6	-	To	-	8	7	2	2	103
<b>Average LSD (5%)</b>			2.4	3.2	4.6	3.6	4	0.9	0.9	1.2	1				1.8	1.4	-	-	3.4

Data from AHDB Recommended List 2026/27, reproduced with thanks to the AHDB and other associations responsible.

Agronomic features			Main market options	Grain quality				Malting quality	Annual treated yield (% control)				Soil type (about 50% of trials are medium soils)			Breeder/UK contact		Status in RL system	
Straw length with PGR (cm)	Brackling (%)	Ripening (days +/- KWS Orwell)	MBC malting m – approval for brewing use	Specific weight (kg/hl)	Screenings (% through 2.25 mm)	Screenings (% through 2.5 mm)	Nitrogen content (%)	Hot water extract (l deg/kg)	2020 (9.9 t/ha)	2021 (9.9 t/ha)	2022 (10.0 t/ha)	2023 (9.9 t/ha)	2024 (10.0 t/ha)	Light soils (10.2 t/ha)	Heavy soils (8.9 t/ha)	Breeder	UK contact	Year first listed	RL status
92	5	1	F	69.6	2.2	6.6	1.64	308.1	97	98	98	98	98	97	99	Sej	SU	23	-
91	14	0	F	70	2.5	7.5	1.66	308	94	92	92	93	93	93	94	SyP	Syn	16	-
85	12	1	-	70.4	2	6.1	-	-	105	106	105	105	106	104	110	Lim	Lim	24	-
89	8	0	-	70.3	1.9	5.6	-	-	-	106	106	106	105	105	107	KWS	KWS	25	P2
86	9	0	-	71.7	1.9	5.3	-	-	104	105	105	105	105	104	107	LimE	Lim	23	-
89	17	1	-	70.2	1.9	5.4	-	-	-	104	104	104	103	102	105	NS	Agr	25	P2
87	7	1	-	70.2	2	5.9	-	-	-	105	104	105	103	106	106	NS	Sen	25	P2
84	13	0	-	70.7	2.6	8.5	-	-	-	-	103	104	103	102	105	LimE	Lim	26	P1
88	10	1	-	70.9	1.7	4.7	-	-	-	-	104	103	103	103	105	Bre	Sen	26	P1
90	28	0	-	69.2	1.5	4.1	-	-	-	103	103	102	102	104	104	Nord	SU	25	P2
87	4	2	-	73	1.5	4.2	-	-	-	104	105	103	102	103	104	Bre	Sen	25	P2
86	7	0	-	70.6	1.9	5.4	-	-	103	102	103	103	102	103	105	KWS	KWS	21	-
94	18	1	-	70.8	1.8	5.3	-	-	-	102	101	100	102	99	105	LimE	Lim	25	P2
99	19	0	-	70	2	5.7	-	-	-	103	101	102	102	100	103	NS	Sen	25	P2
85	11	0	-	69.7	1.7	5	-	-	101	102	101	101	101	102	105	Ack	EAB	21	*
88	10	0	-	71.1	1.1	2.7	-	-	98	100	100	98	100	99	100	Bre	Sen	19	*
111	20	0	-	71.3	2.8	9.6	-	-	-	-	107	108	107	108	108	SCP	Syn	26	P1
106	9	-1	-	69.6	1.8	6.2	-	-	-	107	108	106	106	108	108	SCP	KWS	25	P2
106	16	-1	-	70.9	2.6	9	-	-	-	108	108	107	106	108	108	SCP	Syn	25	P2
106	21	0	-	70.6	1.6	5.5	-	-	106	107	108	105	106	107	104	SyP	Syn	19	-
109	16	0	-	71.5	1.9	6.2	-	-	106	107	106	105	105	107	103	SyP	Syn	22	-
96	5	0	-	69.6	1.7	5.4	-	-	-	104	105	104	104	101	105	Sec	SecU	25	P2
106	11	-1	-	69.1	1.4	4.5	-	-	-	104	104	104	103	104	101	SCP	Syn	25	P2
98	16	0	-	69.2	1.8	6.3	[1.64]	[296.7]	102	103	100	103	103	102	101	KWS	KWS	22	*
1.9	-	0.7		0.7	0.6	1.6	0.09	2.2	-	-	-	-	-	4.2	5.2				

## SPRING BARLEY

**With the perfect climate for spring barley crop development, the UK is a significant player on the global malting and distilling stage with a reputation for high yields and high-quality grain.**

As the second largest crop by area, most of the spring barley crop is destined for the malting chain, but the rotational benefits of spring barley means that some growers are using the crop as an agronomic tool destined for their local feed market.

With malting spring barley, it is crucial to know your end market and grow the variety accordingly. Your location within the UK will be a big driver for your variety and market choice – with some growers having the choice of which market to grow for.

	Brewing only	Malt distilling only	Grain distilling	Feed
<b>UK area</b>	270,000ha	400,000ha	10,000ha	120,000ha
<b>Main growing locations</b>	UK (mainly England)	Scotland, North England and East Anglia	Scotland and England	Whole UK
<b>End use requirements*</b>	1.6-1.75% N (1.8% N for export)  94% screenings over 2.25mm sieve England	<1.65% N Non GN  90% screenings over 2.5mm sieve Scotland	Over 1.85% N Non GN  90% screenings over 2.5mm sieve Scotland	Good yield and high specific weight

\*Always check with your local home to ensure contract specifications are well understood.

Malt distilling is the largest market for spring barley – and used to be focused in the North, but now we see significant volumes being grown and used in England too, alongside the traditional brewing and export volumes.

Choosing a dual-purpose variety (one that is approved for both brewing and malt distilling) gives growers choice on which market to grow for and may open more marketing opportunities.

At ca 10,000 ha, grain distilling is a small but specialist market primarily in Scotland, but contracts are available in some regions of England.

The final market is feed where high yields, and excellent specific weights will remain the key factors to determine the best variety choice.

## Laureate Syngenta UK Ltd



Pedigree: Sanette x Concerto

Accepted by all UK maltsters, this is a first choice for growers looking to serve their local malt markets. Consistent combinations of high yields and quality are routinely achieved to maximise market opportunities.

Type	Conventional, 2-row spring malting barley
AHDB recommended	<b>UK Recommended, Listed 2016</b>
UK treated yield (% controls)*	<b>102</b>
East (% controls)	<b>101</b>
West (% controls)	<b>104</b>
North (% controls)*	<b>102</b>
Untreated yield (% controls)*	<b>88</b>
Specific weight (kg/hl)*	<b>68.0</b>

\*AHDB Recommended List Spring Barley 2026/27.

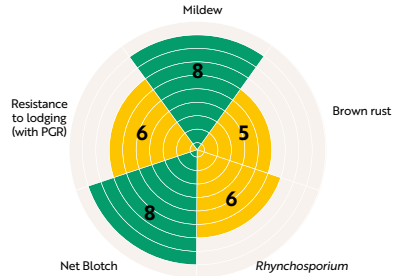
Currently the most popular spring barley across the UK, Laureate has found favour in the maltings, brewery, distillery and on-farm. This dual-purpose spring malting barley has delivered consistently high yields in the north (102% controls) over contrasting seasons. Laureate also has an impressive untreated yield thanks to its good all-round disease package including scores of mildew and Rhynchosporium of 9 and 6 respectively. A shorter strawed variety (69cm), it scores a 6 for lodging but a good 7 for brackling resistance. Growers are advised to contact their local home to tailor nitrogen inputs and achieve the correct contract specification.

# 69

Straw length without PGR (cm)

# +1

Ripening days (+/- RGT Planet)



## SY Arrow Syngenta UK Ltd



Pedigree: (Laureate x SY Splendor) SY Bronte

SY Arrow brings high yields, good disease resistance and Laureate maturity to the Recommended List. Currently under macro test by UK Maltsters for both brewing and distilling, this is an exciting variety for the new growing season.

Type	Conventional, 2-row spring malting barley
AHDB recommended	<b>UK Recommended, Listed 2025</b>
UK treated yield (% controls)*	<b>104</b>
East (% controls)	<b>104</b>
West (% controls)	<b>[105]</b>
North (% controls)*	<b>103</b>
Untreated yield (% controls)*	<b>86</b>
Specific weight (kg/hl)*	<b>67.7</b>

\*AHDB Recommended List Spring Barley 2026/27.

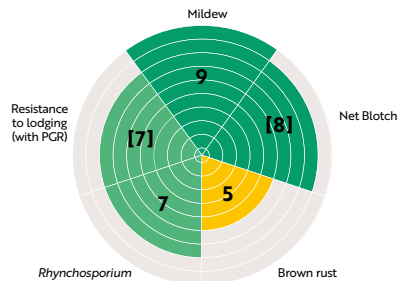
SY Arrow brings high yields across the UK with its best performances in the east and west (104% and 105% respectively). A good disease package includes strong resistance to both mildew (9) and net blotch (8) along with high resistance to Rhynchosporium (7). A similar plant type to Laureate but slightly earlier maturity, SY Arrow is under test with the malting industry for both brewing and distilling.

# 72

Straw length without PGR (cm)

# +1

Ripening days (+/- RGT Planet)



## RGT Planet RAGT Seeds



Pedigree: Tamtam x Concerto

Eleven years in the market, RGT Planet is a reliable brewing type with the highest specific weight of any listed spring barley, but yields becoming out-classed on-farm.

Type	Conventional, 2-row spring malting barley
AHDB recommended	<b>UK Recommended, Listed 2015</b>
UK treated yield (% controls)*	<b>96</b>
East (% controls)	<b>96</b>
West (% controls)	<b>95</b>
North (% controls)*	<b>97</b>
Untreated yield (% controls)*	<b>82</b>
Specific weight (kg/hl)*	<b>69.5</b>

\*AHDB Recommended List Spring Barley 2026/27.

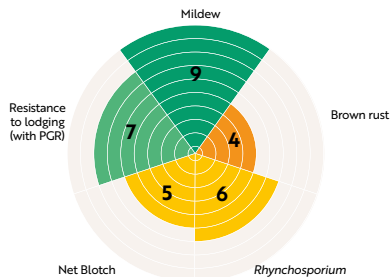
With a reputation for consistency and reliability, RGT Planet has been the world's most widely grown brewing variety in recent times. Suited to domestic brewing and export markets, the variety has found favour thanks to its stiff straw and highest specific weight no matter the site nor season. Whilst its yields across the UK are off the pace of the newer varieties added to the RL, RGT Planet has high resistance to mildew but is more susceptible to brown rust (4).

# 72

Straw length without PGR (cm)

# 0

Ripening days (+/- RGT Planet)



## RGT Asteroid RAGT Seeds



With suitability to the grain distilling market, RGT Asteroid is a higher yielding alternative to Fairing.

Type	Conventional, 2-row spring malting barley
AHDB recommended	<b>No longer listed on the RL</b>
UK treated yield (% controls)*	<b>103</b>
East treated yield (% controls)	<b>104</b>
West treated yield (% controls)	<b>102</b>
North treated yield (% controls)*	<b>102</b>
Untreated yield (% controls)*	<b>97</b>
Specific weight (kg/hl)*	<b>68.3</b>

\*AHDB Recommended List Spring Barley 2025/26.

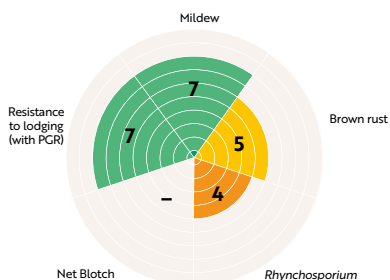
No longer on the Recommended List, RGT Asteroid is a unique grain distilling spring barley that is sought after by end users due to its good quality including high DP potential. With good yields and agronomics, brown rust (4) is the only disease that will need careful monitoring.

# 73

Straw length without PGR (cm)

# +1

Ripening days (+/- KWS Orwell)





# SPRING BARLEY 2026/27

	Scope of recommendation	Variety status	Fungicide-treated grain yield (% treated control)				Untreated grain yield (% treated control)	Disease resistance				Agronomic features				Main market options	
			United Kingdom (7.8 t/ha)	East region (7.9 t/ha)	East region (7.4 t/ha)	North region (8.0 t/ha)	United Kingdom	Mildew (1-9)	Brown rust (1-9)	Rhynchosporium (1-9)	Net blotch (1-9)	Resistance to lodging without PGR (1-9)	Straw length without PGR (cm)	Ripening (days +/- RCT Planet)	Resistance to brackling (1-9)	MBC making approval for brewing use	MBC making approval for malt distilling use
<b>APPROVED</b>																	
<b>Belter</b>	UK		104	104	105	104	89	8	5	6	7	7	68	2	8	F	P
<b>Firefoxx</b>	UK	C	102	102	103	102	86	8	4	6	7	7	69	0	7	-	F
<b>Laureate</b>	UK	C	102	101	104	102	88	9	5	6	8	6	69	1	7	F	F
<b>Skyway</b>	UK	C	102	102	102	101	85	8	4	5	6	7	74	1	7	F	-
<b>SY Tennyson</b>	UK		101	101	100	101	82	8	4	5	5	7	70	2	7	F	F
<b>LG Diablo</b>	UK	C	98	98	97	99	82	8	4	5	7	6	71	2	7	F	F
<b>RGT Planet</b>	UK	C	96	96	95	97	82	9	4	6	5	7	72	0	7	F	Nt
<b>KWS Sassy</b>	UK		94	92	93	95	80	8	5	6	[5]	[6]	78	2	6	Nt	F
<b>PROVISIONAL</b>																	
<b>Bounty</b>	UK		105	107	105	105	84	8	4	6	7	7	69	2	7	P	-
<b>SY Arrow</b>	UK		104	104	[105]	103	86	9	5	7	[8]	[7]	72	1	7	P	P
<b>Firecracker</b>	UK		103	102	[105]	103	91	9	5	5	[8]	[7]	70	1	7	P	P
<b>Ptarmigan</b>	UK		103	102	[105]	103	89	9	5	6	[8]	[7]	71	0	7	P	P
<b>LG Aquarius</b>	UK		103	105	103	101	87	8	4	5	6	7	70	1	7	P	-
<b>Nolan</b>	UK	NEW	103	101	[104]	102	88	9	4	5	[8]	[6]	69	1	7	P	P
<b>KWS Enduris</b>	UK		102	101	[103]	102	89	8	4	6	[6]	[7]	74	1	7	P	P
<b>Olsen</b>	UK		102	102	101	102	86	8	4	5	6	8	70	2	7	P	P
<b>UNDER TEST FOR MALTING</b>																	
<b>Trailblazer</b>	UK	NEW	106	105	[109]	105	88	9	4	5	[7]	[8]	72	1	7	T	T
<b>Roulette</b>	UK	NEW	105	103	[107]	104	92	9	6	4	[6]	[6]	72	2	7	T	T
<b>Shona</b>	E	NEW	104	106	[103]	102	86	8	4	4	[7]	[6]	72	1	7	T	T
<b>FEED</b>																	
<b>Hurler</b>	UK	*	104	104	105	104	86	8	5	6	7	8	66	1	8	-	-
<b>NOS Gambit</b>	UK	*	104	104	105	103	89	8	5	6	8	7	68	1	7	Nt	-
<b>DESCRIBED</b>																	
<b>CB Score</b>	Null-Lox		100	100	100	100	85	9	5	5	8	7	70	1	7	-	-
<b>Fairing</b>	Gr.Dis		92	92	94	91	78	7	4	8	7	7	69	-2	7	-	-
<b>AVERAGE LSD (5%)</b>																	
			2.2	2.9	3.6	2.6	2.6	0.4	0.7	1.5	1.7	1.1	1.4	1	0.4		

Data from AHDB Recommended List 2026/27, reproduced with thanks to the AHDB and other associations responsible.

	Grain quality				Malting quality		Annual treated yield (% control)					Breeder/UK contact		Status in RL system	
	Specific weight (kg/hl)	Screenings (% through 2.25 mm)	Screenings (% through 2.5 mm)	Nitrogen content (%)	Hot water extract (l deg/kg)	Predicted spirit yield (l/str/t)	2021 (8.0 t/ha)	2022 (7.9 t/ha)	2023 (7.6 t/ha)	2024 (8.0 t/ha)	2025 (7.5 t/ha)	Breeder	UK contact	Year first listed	RL status
<b>APPROVED</b>															
<b>Belter</b>	68.4	0.9	2.2	1.48	315	437.4	104	104	103	105	105	Sec	Agr	24	-
<b>Firefoxx</b>	67.9	1.4	3.5	-	-	-	103	101	103	102	103	Ack	EAB	20	-
<b>Laureate</b>	68	1.2	3	1.45	315.2	436.2	102	101	102	103	103	SyP	Syn	16	-
<b>Skyway</b>	70	0.9	2.2	[1.48]	315	-	101	102	101	101	103	NS	Agr	21	-
<b>SY Tennyson</b>	67.1	1.3	2.9	1.4	317.2	439	103	102	98	101	101	SyP	Syn	23	-
<b>LG Diablo</b>	68.4	1.4	3.3	1.44	314.9	436.8	99	98	99	99	94	LimE	Lim	18	-
<b>RGT Planet</b>	69.5	1.2	3.3	1.48	314.5	-	95	97	96	95	97	RAGT	RAGT	15	-
<b>KWS Sassy</b>	69.6	1	2.2	-	-	-	94	96	94	92	-	KWS	KWS	16	-

<b>PROVISIONAL</b>															
<b>Bounty</b>	66.5	1.4	3.9	1.44	315.4	436.7	106	107	104	106	105	NS	AgV	24	-
<b>SY Arrow</b>	67.7	1.5	3.8	1.38	316.5	438.6	-	103	104	105	104	SyP	Syn	25	P2
<b>Firecracker</b>	69	1.4	3.7	1.43	317	437.7	-	104	102	104	103	Sec	SecU	25	P2
<b>Ptarmigan</b>	69.4	1.5	3.4	1.46	315.4	437.5	-	103	103	102	104	Sec	SecU	25	P2
<b>LG Aquarius</b>	69	1.3	3.7	1.42	315.1	438.7	102	104	102	103	103	Lim	Lim	24	-
<b>Nolan</b>	67.9	1.1	2.8	1.46	316.6	437.9	-	103	101	104	102	Sej	Sen	26	P1
<b>KWS Enduris</b>	67.9	1	2.6	1.45	316	435.8	-	102	102	102	103	KWSL	KWS	25	P2
<b>Olsen</b>	67.6	1.9	4.6	1.43	316.7	437.6	102	103	101	102	102	Sej	Lim	24	-

<b>UNDER TEST FOR MALTING</b>															
<b>Trailblazer</b>	67.7	1.1	2.9	1.39	315.8	437.8	-	-	103	104	105	SCP	Syn	25	P1
<b>Roulette</b>	68.8	1.2	3.2	1.45	315.9	435.6	-	-	104	102	104	Sec	Agr	25	P1
<b>Shona</b>	69.4	1.3	2.8	1.48	314.9	436.6	-	-	103	103	102	Sec	Agr	25	P1

<b>FEED</b>															
<b>Hurler</b>	67.1	1.5	4	[1.43]	313.6	[434.1]	105	104	103	105	105	Sec	Agr	23	*
<b>NOS Gambit</b>	68	0.9	2.1	1.47	314.5	-	103	104	104	104	105	NS	Sen	24	*

<b>DESCRIBED</b>															
<b>CB Score</b>	68.7	1.3	3.3	-	-	-	100	100	98	101	102	Cal	ADM	22	-
<b>Fairing</b>	69.7	0.9	2.3	-	-	-	92	92	91	93	93	SyP	Syn	16	-

<b>AVERAGE LSD (5%)</b>															
	0.6	0.3	0.8	0.05	1.9	3.8									





# WINTER OATS

2026/27 VARIETIES

## OATS

### Reap the benefits of adding oats into your rotation.

We know well that whole grains play a vital part of a balanced human and animal diet and the nutritional benefits of oats are clear: they are a well-balanced source of carbohydrates and fibre whilst also having a good level of protein, vitamins and minerals.

In the field, oats offer growers a useful addition to the rotation. They can act as a semi-break from wheat and barley – importantly, their phytosanitary affect can supress infection cycles of diseases such as eyespot. In addition, they have good weed suppression activity, have a good network of roots to boost their ability to scavenge nutrients, tolerate cold better than many other spring crops as well as requiring less nitrogen and chemistry to deliver a highly marketable crop.



# WINTER OATS

Winter oats are adaptable and can offer growers a white straw break crop and so a take-all break.

Current best practice is not to grow oats more than one year in four to reduce the potential of viruses and pests such as oat mosaic virus and stem eelworm. Milling contractual specifications will be key in obtaining the maximum income of your oat crop so always speak with GFP about contract terms for oats.

## Cromwell Senova UK

All the benefits of Mascani quality with added yield potential and exceptionally short and stiff straw.

Type	Winter, husked oat
AHDB recommended	<b>UK AHDB Recommended since 2023</b>
UK treated yield (% controls)*	<b>102</b>
Untreated yield (% controls)*	<b>83</b>
Specific weight (kg/hl)*	<b>54.9</b>

\*AHDB Recommended List Winter Oats 2026/27.

Yielding 7% ahead of Mascani, Cromwell brings oats growers a variety with better yields and very short and stiff straw. With excellent grain quality including a specific weight of 54.9kg/hl and moderate screenings (6.1% through 2.0mm sieve), it delivers a sample with excellent hullability in the mill. mildew and Crown rust will need attention to maximise yields.

## Mascani Senova UK

A top-quality choice for the whole of the oat supply chain – tried and tested on-farm and in the mill.

Type	Winter, husked oat
AHDB recommended	<b>UK AHDB Recommended since 2004</b>
UK treated yield (% controls)*	<b>95</b>
Untreated yield (% controls)*	<b>78</b>
Specific weight (kg/hl)*	<b>53.1</b>

\*AHDB Recommended List Winter Oats 2026/27.

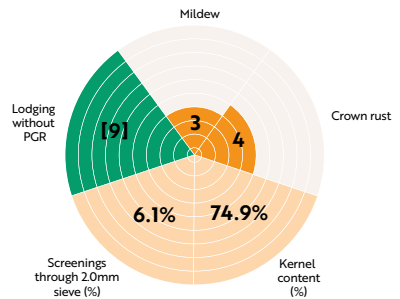
The nation's favourite winter oat: Mascani has found favour on farm thanks to its consistency, stiff straw and good disease resistance scoring 6 and 5 for mildew and crown rust, respectively. Oat millers enjoy the benefits of the variety's high kernel content, high specific weight, bold grain and low screening losses making it the UK's leading top quality milling variety.

**110**

Height without PGR (cm)

**+1**

Ripening days (+/- Mascani)

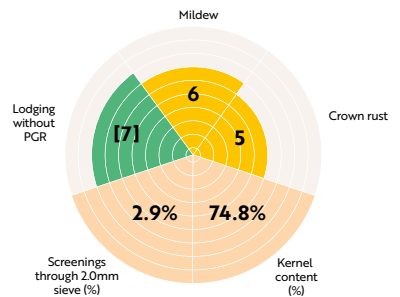


**133**

Height without PGR (cm)

**0**

Ripening days (+/- Mascani)



# WINTER OATS 2026/27

	Scope of recommendation		UK yield (% treated control)		Disease resistance		Agronomic features			Grain quality				Annual treated yield (% control)					Breeder/UK contact		Status in RL system	
	Variety status	Fungicide-treated 9.0 t/ha	Untreated (% of treated control, 9.0 t/ha)	Mildew (1-9)	Crown rust (1-9)	Resistance to lodging without PCR (1-9)	Straw length without PCR (cm)	Ripening (days +/- Mascani)	Kernel content (%)	Specific weight (kg/hl)	Screenings (% through 2.0 mm)	Screenings (% through 1.8 mm)	2021 (8.9 t/ha)	2022 (9.5 t/ha)	2023 (9.2 t/ha)	2024 (9.3 t/ha)	2025 (8.7 t/ha)	Breeder	UK contact	Year first listed	RL status	
<b>HUSKED VARIETIES</b>																						
<b>RGT Southwark</b>	UK		106	90	3	6	[5]	141	0	73.1	54.3	6.7	-	108	107	104	107	106	R2n	RAGT	18	-
<b>Rannoch</b>	UK	NEW	106	92	4	7	-	136	0	74.5	51.7	3.3	-	-	[103]	[104]	104	110	IBERS	Sen	26	PI
<b>Dalguise</b>	UK	C	103	78	4	3	[4]	138	-1	72.9	54.2	4.3	-	103	105	101	103	105	Sen	Sen	3	-
<b>Cromwell</b>	UK	C	102	83	3	4	[9]	110	1	74.9	54.9	6.1	-	-	100	105	103	101	IBERS	Sen	23	-
<b>Mascani</b>	UK	C	95	78	6	5	[7]	133	0	74.8	53.1	2.9	-	97	95	94	93	95	IBERS	Sen	4	-
<b>NAKED VARIETIES</b>																						
<b>Peloton</b>	UK		77	67	7	6	[8]	131	0	-	60.3	-	15.1	77	79	78	76	76	IBERS	Sen	17	-

Data from AHDB Recommended List 2026/27, reproduced with thanks to the AHDB and other associations responsible.

# SPRING OATS

## Versatile crops that can be planted in late autumn if conditions are suitable through to early spring.

Growers are advised to focus on drilling date to obtain contract specification terms of their crop; thanks to their rapid speed of development, earlier is better as late drilled spring oats in April are at risk of summer drought and sun.

### Caledon Saaten Union UK

A new high yielding spring oat with good kernel content and super early maturity.

Type	Spring, husked oat
AHDB recommended	<b>AHDB Recommended since 2025</b>
UK treated yield (% controls)*	<b>104</b>
Untreated yield (% controls)*	<b>97</b>
Specific weight (kg/hl)*	<b>51.4</b>

\*AHDB Recommended List Winter Oats 2026/27.

Caledon is a spring oat variety that was new in 2025, offering growers the next step on from older and more established varieties like WPB Isabel. This variety also has the benefit of the highest untreated yield on the 2025/26 Recommended List backed by good disease scores for mildew (8) and crown rust (6). A taller type, Caledon is relatively stiff strawed and at a score of -1, offers growers early maturity for harvest.

### WPB Isabel KWS UK Ltd

The widest sown spring oat in the UK thanks to its excellent performance in the mill.

Type	Spring, husked oat
AHDB recommended	<b>AHDB Recommended since 2020</b>
UK treated yield (% controls)*	<b>100</b>
Untreated yield (% controls)*	<b>86</b>
Specific weight (kg/hl)*	<b>53.7</b>

\*AHDB Recommended List Winter Oats 2026/27.

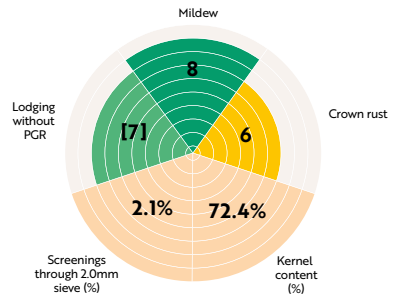
Offering processors a high specific weight, low screenings, good oils and excellent hullability, WPB Isabel has found favour as a very useable variety in the mill. On-farm, WPB Isabel is a medium-taller height variety but has good straw, gaining a score of 7 for lodging without PGR. Couple this with a good balanced disease resistance for mildew (5) and crown rust (4) and you have a very manageable oat crop that will deliver high yields.

**[114]**

Height without PGR (cm)

**-1**

Ripening days (+/- WPB Isabel)

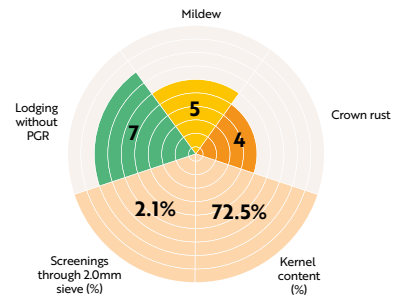


**114**

Height without PGR (cm)

**0**

Ripening days (+/- WPB Isabel)



# SPRING OATS 2026/27

	Scope of recommendation	Variety status	UK yield (% treated control)		Disease resistance		Agronomic features			Grain quality				Annual treated yield (% control)					Breeder/UK contact		Status in RL system	
			Fungicide-treated (7.5 t/ha)	Untreated (% of treated control, 7.5 t/ha)	Mildew (1-9)	Crown rust (1-9)	Resistance to lodging without PGR (1-9)	Straw length without PGR (cm)	Ripening (days +/- WPB Isabel)	Kernel content (%)	Specific weight (kg/hl)	Screenings (% through 2.0 mm)	Screenings (% through 1.8 mm)	2021 (8.0 t/ha)	2022 (8.0 t/ha)	2023 (7.5 t/ha)	2024 (8.0 t/ha)	2025 (6.8 t/ha)	Breeder	UK contact	Year first listed	RL status
<b>HUSKED VARIETIES</b>																						
<b>Caledon</b>	UK		104	97	8	6	[7]	[114]	-1	72.4	51.4	2.1	-	[103]	[108]	[103]	[101]	[105]	Nord	SU	25	P2
<b>Jacky</b>	UK	NEW	102	96	8	4	[7]	[119]	-1	72.9	51.2	2.6	-	-	[104]	[103]	[100]	[104]	Nord	SU	26	P1
<b>Merlin</b>	UK	C	101	94	7	4	7	108	-2	71.4	51.7	1.7	-	[101]	[102]	[101]	[100]	[104]	Selg	COPE	22	-
<b>Neptun</b>	UK	NEW	101	93	8	5	[7]	[117]	-2	74	53.9	2.2	-	-	[102]	[100]	[100]	[102]	Nord	SU	26	P1
<b>WPB Isabel</b>	UK	C	100	86	5	4	7	114	0	72.5	53.7	2.1	-	[100]	[98]	[102]	[100]	[99]	WPB	KWS	20	-
<b>Asterion</b>	UK		99	93	8	5	[7]	111	-1	72.6	52.5	3.2	-	[101]	[100]	[102]	[94]	[103]	Nord	SU	24	-
<b>Canyon</b>	UK	C	99	92	8	5	7	113	-2	71.3	51.9	3.1	-	[100]	[100]	[97]	[100]	[97]	Nord	SU	11	-
<b>Conway</b>	UK		95	84	6	5	7	104	-1	71	49.8	2.8	-	[97]	[94]	[93]	[94]	[93]	IBERS	Sen	14	-
<b>RCT Vaughan</b>	UK	*	93	87	8	4	[7]	110	-2	72.3	52.3	3	-	[93]	[96]	[92]	[91]	[92]	R2n	RACT	23	*

Described																						
NAKED VARIETIES																						
<b>Oliver</b>	UK		71	58	3	3	7	107	-1	-	57.7	-	7	[71]	[72]	[72]	[68]	[73]	Selg	COPE	18	-
<b>Ovation</b>	UK	*	69	63	7	5	[6]	111	-2	-	53.5	-	14.6	[71]	[72]	[73]	[64]	[69]	IBERS	Sen	24	*
<b>Lennon</b>	UK		69	62	6	5	[7]	101	-2	-	56.4	-	14.4	[65]	[69]	[73]	[69]	[71]	IBERS	Sen	22	-

Year 4 Candidates																						
HUSKED VARIETIES																						
<b>Clyde</b>		-	100	[90]	8	[5]	-	[112]	-2	[72.2]	52.7	3.6	-	-	-	[98]	[102]	[100]	Glo	Ang	-	-
<b>Average LSD (5%)</b>			3.2	3.5	0.8	1.6	0.9	3.1	1.1	1.1	1	1.3	1.4	4	5.3	7.6	6.1	4.6				

Data from AHDB Recommended List 2026/27, reproduced with thanks to the AHDB and other associations responsible.



## HYBRID RYE

### Sizing-up the rye market

Hybrid rye can be grown for both grain and whole crop markets in the UK. Many growers will be aware of the use of grain for specialist human consumption such as Ryvita™, rye whisky, etc., but most of the UK crop is used in either pig and poultry rations or, more lately, as whole crop in AD plants. No matter the local end market you are looking to serve, picking the right variety will be critical to maximising either grain yields or gas production.

Like many hybrid cereals, hybrid rye has a strong, deep rooting system, making it suitable for light land that is drought prone, but still yields well on heavier land. This rooting system not only helps with water uptake in difficult seasons, but also nutrient scavenging. It's also a carbon-efficient crop, with a lower nitrogen requirement (typically 120-150kg/ha per hectare) than wheat or barley.

Hybrid rye is best sown between late August and mid-October taking into account your site and local conditions; care should be taken as it is especially sensitive to poor seedbeds. Once drilled the crop has excellent early vigour and will move through the growth stages quicker than many winter cereals so careful crop monitoring is required to ensure that all applications, especially PGRs, are made in a timely manner.

### Rotational benefits of rye

- Higher grain yields, often outyielding wheat and barley as a second or third cereal.
- Wide drilling window (late Aug to early Nov) spreads autumn workload.
- Relatively early harvest (after winter barley, but before wheat) – good entry for OSR (especially if whole-cropped in June).
- 25-30% higher straw yields than wheat or barley.
- Drought tolerance – 25% lower water requirement than winter wheat according to KWS (300 litres/t of grain versus 400 litres/t for winter wheat) – suits light land or drought-prone areas that may not yield well for wheat or barley.
- Lower risk from take-all, septoria, eyespot and BYDV.
- Generally requires lower inputs than wheat or barley due to strong root system and natural disease resistance.
- In-built genetics to reduce the risk of ergot infection in some varieties using PollenPlus technology®.

## KWS Tayo KWS UK Ltd

The UK's most widely grown hybrid rye for grain and whole crop thanks to its excellent yields, good straw and good brown rust resistance.

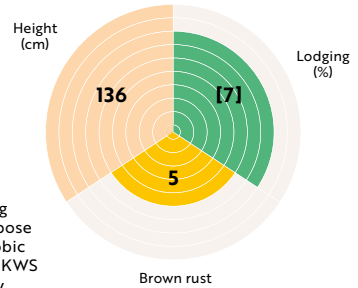
Type	Winter, hybrid rye
AHDB recommended	UK AHDB Described since 2022
UK treated yield (% controls)*	101
Protein content (%)	8.2
HFN	242
Specific weight (kg/hl)*	76.0

\*AHDB Winter Rye Descriptive List 2026/27.

Suited for sowing in all regions of the UK, KWS Tayo brings high yields, strong brown rust resistance and good standing power to growers. It is a multi-purpose variety and can be used in a variety of scenarios from whole crop for Anaerobic Digestion to feed for pigs and poultry and some food industry applications. KWS Tayo also has improved resistance to ergot thanks to PollenPLUS technology.

# +1

Earliness of maturity  
(+/- SU Performer)



## SU Perspectiv Saaten Union

The successor to SU Performer with higher yields and earlier maturity, also under test by Ryvita.

Type	Winter, hybrid rye
AHDB recommended	UK AHDB Described since 2024
UK treated yield (% controls)*	101
Protein content (%)	8.4
HFN	229
Specific weight (kg/hl)*	77.0

\*AHDB Winter Rye Descriptive List 2026/27.

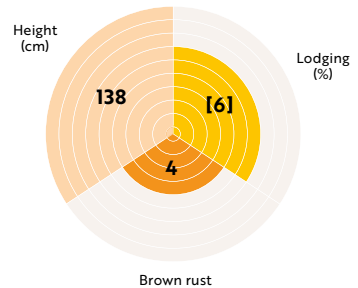
With high yields, especially in more northern regions, SU Perspectiv brings an attractive grain package with good HFNs and high specific weights. An earlier maturing variety (0), it has medium height and stiff straw.

# 137

Straw length (cm)

# 0

Earliness of maturity  
(+/- SU Performer)



## SU Mephisto Saaten Union

The preferred variety for rye milling, SU Mephisto continues to deliver consistent performance over sites and seasons.

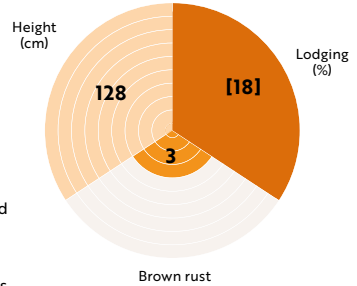
Type	<b>Winter, hybrid rye</b>
AHDB recommended	<b>No longer listed</b>
UK treated yield (% controls)*	<b>95</b>
Protein content (%)	<b>9.7</b>
HFN	<b>220</b>
Specific weight (kg/hl)*	<b>76.5</b>

\*AHDB Winter Rye Descriptive List 2022/23.

The preferred variety for milling use, SU Mephisto has shown consistent yield performance across a wide range of sites. It remains unmatched for milling quality and is the preferred variety for several key rye end consumers. Mephisto is slightly more susceptible to brown rust than other varieties. It is sold as a technical mix with 10% inclusion of the variety Dukato, which serves to improve pollination and reduce ergot levels.

# 0

Earliness of maturity  
(+/- SU Mephisto)



# WINTER RYE DESCRIPTIVE LIST 2026/27

Variety status	Grain yield (as % treated control)		Disease resistance	Agronomic features			Grain quality			Breeder/ UK contact		Status in RL system		
	Fungicide-treated (10.3 t/ha)	Number of trials	Brown rust (1-9)	Lodging (%)	Straw length (cm)	Ripening (days +/- SU Performer)	Protein content (%)	Hagberg Falling Number	Specific weight (kg/hl)	Breeder	UK contact	Year first listed	DL status	
<b>HYBRID</b>														
SU Thor		105	9	5	[52]	135	0	7.9	184	76	Hybro	SU	25	P2
KWS Emphor		104	9	5	[27]	133	1	7.8	228	76.3	KWSL	KWS	25	P2
SU Baresi		103	19	4	[9]	136	0	8	219	77	Hybro	SU	22	-
SU Erling	NEW	103	6	4	[5]	134	[0]	8.7	207	77	Hybro	SU	26	P1
SU Karlsson		102	14	6	[3]	141	0	8.5	222	77.4	Hybro	SU	24	-
Astranos		102	14	4	[4]	134	0	9	184	76.6	NS	Sen	24	-
SU Perspectiv		101	14	4	[6]	137	0	8.4	229	77	Hybro	SU	24	-
KWS Tayo		101	19	5	[7]	136	1	8.2	242	76	KWSL	KWS	22	-
SU Performer	C	100	19	4	[13]	138	0	8.3	210	76.8	Hybro	SU	17	-
SU Bendix		97	18	5	[7]	139	-1	8.8	191	76.5	Hybro	SU	22	-
KWS Serafino		96	19	5	[5]	138	0	8.2	258	76.2	KWSL	KWS	21	-

Data from AHDB Recommended List 2026/27, reproduced with thanks to the AHDB and other associations responsible.

### The protein rich sustainable break

Unpredictable weather and cool wet conditions make growing peas and beans a challenge in the UK. But many growers will be encouraged by the performance of their crops from harvest 2024 and ready to pay attention to this growing part of the rotation.

#### Let's remind ourselves of the benefits of leguminous crops can bring your farm:

1

#### Soil Health and Nitrogen Fixation

Peas and beans are legumes, meaning they can 'fix' nitrogen in the soil through a symbiotic relationship with bacteria in their root nodules. Growing these crops can help improve soil fertility and reduce input costs.

2

#### Sustainability and Carbon Footprint Reduction

Growing legumes contributes to sustainable farming practices. Since they reduce the need for synthetic fertilizers, which are energy-intensive to produce, they help lower the farm's carbon footprint. This is increasingly important as the UK aims to meet its climate targets.

3

#### Diversification of Crops

Peas and beans offer farmers an opportunity to diversify their crop rotation. This can reduce the risk of pest and disease build-up, as well as help manage weed control.

4

#### Market Demand

There is growing demand for plant-based proteins as consumers look for sustainable and health-conscious food choices. Beans and peas are rich in protein and fibre, making them popular in plant-based diets both for direct human consumption and for animal feed. There's also an export market to serve.

5

#### Improved Yield for Subsequent Crops

Including legumes in a crop rotation can benefit future crops like cereals. By fixing nitrogen, peas and beans enrich the soil, improving yields for subsequent crops that rely on nitrogen for growth. This can lead to better overall productivity in the long term.

6

#### Support for biodiversity

Legume crops like peas and beans can support biodiversity by providing habitat and food for pollinators and other beneficial insects. Their root systems also promote soil structure, which enhances water retention and resilience to extreme weather events.

# PEAS

## There are 3 main types of combinable peas grown in the UK:

1. Green peas (also known as large blue) which are the most popular dried pea type grown in the UK for canning (for use in soups and stews) and the snack market. They are regularly micronized (roasted, cracked and rolled) for pet foods.
2. Yellow peas (also known as whites) are grown for splitting, whole processing and milling processes. Whilst relatively small in area in the UK, they are the most widely produced pulse in the world.
3. Marrowfat peas are used in canning (mushy peas), snack foods and as ingredients in foodstuffs. This is a premium-led market grown almost exclusively under contract.

### Pangea NPZ UK

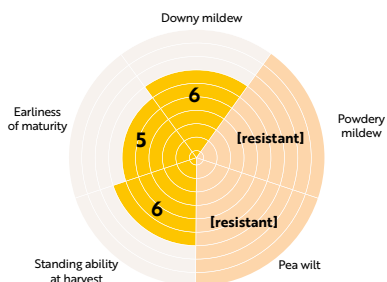
A green (large blue type) with exceptional yield potential. High thousand seed weight and protein content. Limited stocks available. If you are looking for a new large blue type to try, this is worth a look.

Type	Spring green pea
PGRO Descriptive List recommended for 2025	Listed since 2024
UK yield (% controls)*	111
Protein content (%)	23.0
Thousand seed weight (g @15% moisture)	347

\*PGRO Descriptive List 2026.

# 82

Straw length (cm)



### Carrington NPZ UK

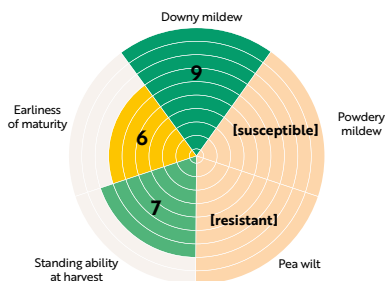
A very high yielding green variety, combined with the highest equal downy mildew resistance for green peas, good standing power and resistant to pea wilt.

Type	Spring green pea
PGRO Descriptive List recommended for 2025	Listed since 2022
UK yield (% controls)*	104
Protein content (%)	21.3
Thousand seed weight (g @15% moisture)	253

\*PGRO Descriptive List 2026.

# 84

Straw length (cm)



A tried and tested green pea that continues to deliver excellent yields of 104% controls. An easy-to-row variety, Carrington offers growers easy crop management thanks to its taller but stiff straw and earlier maturity (6). Agronomically, it's a strong contender with good all-round disease resistance, having stiff straw and good standability through to harvest. Resistance to pea wilt and the joint highest score for downy mildew of all green types (9) along with a good thousand seed weight (253g) and protein content (21.3%) rounds off this impressive package.

# COMBINING PEAS – PGRO DESCRIPTIVE LIST 2026

The control for yield is the mean of 4 and 5 year varieties (3.81 t/ha). Yield differences of less than 11.3% are not statistically different.

	UK Agent (see appendix)	Yield as % control	Agronomic characters			Agronomic features			Seed Characters		No years in matrix	Year first listed
			Earliness of maturity(1-9)	Straw length (cm)	Standing ability harvest(1-9)	Pea wilt (Race 1)	Downy mildew (1-9)	Powdery mildew*	Thousand seed weight (g) (@15%mc)	Protein content (%dry)		
<b>YELLOW(WHITE)</b>												
KWS TelegramV1	KWS	117	5	81	7	R	6	[S]	293	21.9	3	26
Marler	Cope	113	6	89	6	R	6	[HR]	303	21.6	4	25
NOS Blondie	Elsoms	112	7	82	7	-	5	-	300	21.6	4	25
Batist	Sen	112	6	86	7	R	6	[S]	309	21.7	5	24
KWS BramV1	KWS	111	7	83	6	R	5	[S]	275	22.0	4	25
Concerto	NPZ-UK	110	6	78	7	R	7	[S]	329	22.2	4	24
BellairV2	IARA	109	5	77	7	R	5	[HR]	242	21.2	4	25
Kameleon	Sen	109	6	76	7	R	5	[S]	311	21.8	5	20
Cushla	Sen	109	6	79	7	-	7	[S]	292	21.8	3	26
LG Corvet	LUK	107	7	76	7	-	8	[S]	291	22.2	4	25
Orchestra	NPZ-UK	105	6	77	7	R	4	[S]	320	22.6	4	20
Bonham	Sen	105	6	85	6	R	6	[S]	302	22.4	4	25
LG Ajax	LUK	98	6	72	7	R	7	[HR]	277	22.6	5	23
<b>PINK</b>												
Flamingo	Cope	81	5	89	7	R	7	-	274	23.1	5	24
<b>GREEN(BLUE)</b>												
KWS Arkam	KWS	114	3	83	7	R	6	[S]	262	22.7	3	26
Pangea	NPZ-UK	111	5	82	6	R	6	[HR]	347	23.0	4	25
Mikka	IARA	105	5	87	8	R	7	[S]	309	22.5	5	21
Bullet	NPZ-UK	105	5	83	7	R	6	[S]	313	21.8	3	26
KWS Gotham	KWS	105	3	85	6	R	5	[S]	297	22.4	5	23
Carrington	NPZ-UK	104	6	84	7	R	9	[S]	253	21.3	5	22
Butterfly	NPZ-UK	102	7	80	7	R	6	[S]	305	21.3	5	23
Greenway	IARA	101	5	84	7	R	7	[S]	307	22.1	5	21
Bluetime	NPZ-UK	100	4	87	7	R	8	[S]	289	22.0	4	18
LG Mamba	LUK	99	6	79	8	-	6	-	333	20.8	3	26
LG Aviator	LUK	99	5	77	7	R	7	[HR]	292	21.9	3	20
ReacherV3	IARA	99	6	75	6	R	7	[HR]	280	21.3	4	24
Kactus	Sen	97	5	76	7	R	7	[S]	292	22.4	5	20
Daytona	Agrii	94	7	75	7	R	7	[S]	281	21.6	3	10
Prophet	LUK	76	5	72	7	R	7	[S]	299	21.6	3	07
<b>MAPLE</b>												
Mantara	LUK	92	6	63	7	R	8	[S]	247	23.6	3	10
Rose	Dalt	86	8	77	7	S	9	[S]	263	24.0	3	03
<b>MARROWFAT</b>												
Yoshi	NPZ-UK	99	6	82	7	R	4	[S]	402	21.7	3	26
Midori	NPZ-UK	99	5	91	7	R	4	[S]	372	23.1	4	25
Vision	Elsoms	96	5	75	8	R	7	[S]	378	22.8	5	24
Akooma	NPZ UK	95	5	80	7	R	4	[S]	406	22.7	4	21
Nyx	Elsoms	94	6	81	7	-	6	-	353	21.7	3	26
Takayama	NPZ-UK	91	5	85	7	R	6	[S]	355	23.3	5	23
Octavia	IARA	85	4	75	8	R	4	[S]	415	23.5	5	20
Sakura	Dalt	80	5	78	7	R	5	[S]	383	22.8	5	08
Sakura	Dalt	80	5	74	7	R	4	[S]	394	23.3	5	08

New additions may have limited seed available until production reaches commercial scale (1-9) A high rating indicates that the variety shows the character to a high degree. All varieties are semi-leafless. Downy mildew: Varietal resistance may vary in different regions as race structure of the disease changes. Pea wilt (Fusarium oxysporum f. sp. pisi)(race 1) R = Resistant; S = Susceptible. \*Powdery mildew Trials & Breeders information - HR = High resistance, MR = Moderate resistance, S = Susceptible. V1=Breeder reported resistance to BYMV V2=Breeder reported resistance to PSbMV V3=Breeder reported resistance to PSbMV & PEMV © PGRO 2025 27.11.2025

## BEANS

The demand for beans continues to escalate with winter types being a good source of protein for the livestock sector, with all major farm animals having beans incorporated into their rations.

Couple this with the continued pressure to reduce the level of imported soya meal in high protein feeds and beans are a realistic alternative.

### Vespa Senova UK

8 years since first being listed by PGRO, Vespa still delivers consistently high yields.

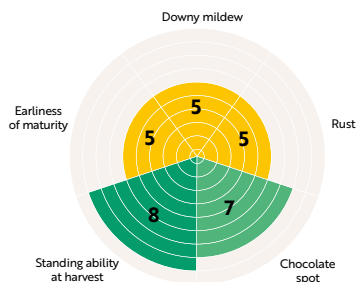
Type	Winter bean
PGRO Descriptive List status	Listed since 2018
UK yield (% controls)*	105
Protein content (%)	25.4
Thousand seed weight (g @15% moisture)	689

\*PGRO Descriptive List 2026.

Vespa remains one of the highest yielding varieties on the PGRO Descriptive List, after consistently strong performances during the past 7 seasons. A mid-height variety, Vespa has stiff straw and most notably the best available disease resistance to chocolate spot (7).

# 114

Straw length (cm)



### Lynx NPZ UK

Very high yields with excellent standing and good resistance to downy mildew.

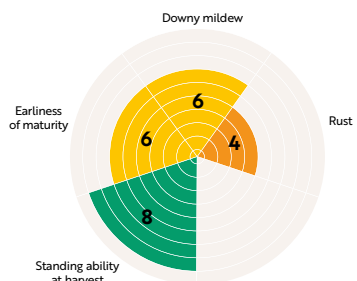
Type	Spring bean
PGRO Descriptive List for 2025	Listed since 2016
UK yield (% controls)*	104
Protein content (%)	27.4
Thousand seed weight (g @15% moisture)	515

\*PGRO Descriptive List 2026.

Lynx is a tried and tested variety that has given consistently high yields over many years of service. It performs well over a range of soil types and its good stem stiffness allows for a safer harvest. It still offers growers one of the best combinations of downy mildew and rust resistance.

# 98

Straw length (cm)



# Ketu NPZ UK

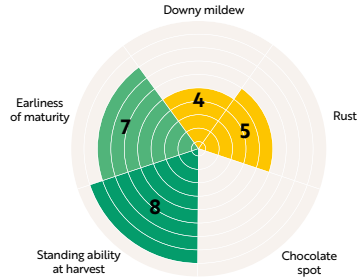
Ketu is a high-yielding, low vicine/convicine (LVC) spring bean variety from NPZ UK that offers 107% of the control yield, making it an excellent choice for animal feed due to reduced anti-nutritional factors.

Type	<b>Winter bean</b>
PGRO Descriptive List status	<b>Listed since 2026</b>
UK yield (% controls)*	<b>102</b>
Protein content (%)	<b>27.6</b>
Thousand seed weight (g @15% moisture)	<b>516</b>

\*PGRO Descriptive List 2026.

High seed yields on the PGRO descriptive list. Medium tall plants with good standing. Ketu is a LVC type (low vicine/convicine) beans. Low anti-nutritional factors for increased feed efficiency.

**103**  
Straw length (cm)



SCAN to find out more online:



Untreated

Rancona i-Mix  
(dye)

Industry standard  
(pigment)

# Rancona<sup>®</sup> i-Mix




## Choose the kinder colour

- Protects against seed and soil-borne diseases in wheat and barley.
- Reduces ergot germination and controls loose smut.



[www.upl-ltd.com/uk](http://www.upl-ltd.com/uk)

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T: +44 (0) 1925 819999 | E: [info.uk@upl-ltd.com](mailto:info.uk@upl-ltd.com) |   



**Mapp No. 15574. Rancona i-Mix** is an ME formulation containing 20g/L ipconazole + 50g/L imazalil, for use on wheat and barley. Use plant protection products safely. Always read the label and product information before use. Pay attention to risk indications and follow the safety precautions on the label. **Rancona i-Mix** is a registered trademark of UPL. © UPL Europe Ltd 2026.

## WINTER BEANS – PGRO DESCRIPTIVE LIST 2026

The control for yield is the mean of 4 & 5 year varieties (4.32t/ha). Yield differences of less than 8.7% are not statistically different.

			Agronomic characters				Agronomic features			Seed Characters				
	UK Agent (see appendix)	Yield as % control	Flower colour	Earliness of maturity (1-9)	Straw length (cm)	Standing ability at harvest(1-9)	Downy mildew (1-9)	Rust* (1-9)	Chocolate spot (1-9)	Thousand seed weight (g) (@15%mc)	Protein content (%dry)	No.years in matrix	Year first listed	
<b>PALE HILUM</b>														
Vincent	Sen	106	C	5	114	8	7	4	6	795	26.5	5	21	
Vespa	Sen	105	C	5	114	8	5	5	7	689	25.4	5	18	
LG Arctic	LUK	100	C	5	114	8	5	5	5	684	26.2	5	24	
Miro	Sen	100	C	6	106	8	3	5	[7]	699	26.1	4	25	
Patagonia	NPZ-UK	98	C	8	117	8	8	5	[5]	615	27.2	3	26	
Norton	Sen	97	C	6	106	8	6	5	5	692	25.8	5	21	
Ninja	Sen	96	C	7	105	8	5	5	5	684	27.2	4	24	
Hepworth	Sen	96	C	4	108	8	5	6	[4]	749	24.7	3	26	
Tundra	LUK	91	C	6	104	8	5	5	5	618	26.0	5	14	

New additions may have limited seed available until production reaches commercial scale (1-9) A high rating indicates that the variety shows the character to a high degree. The scales of characters of winter beans do not necessarily correspond with those for spring beans. [ ] - limited data.  
© PGRO 2025 27.11.2025

## SPRING BEANS – PGRO DESCRIPTIVE LIST 2026

The control for yield is the mean of 4 and 5 year varieties (4.21 t/ha). Yield differences of less than 6.7% are not significantly different.

			Agronomic characters				Agronomic features			Seed Characters				
	UK Agent (see appendix)	Yield as % control	Flower colour	Earliness of maturity (1-9)	Straw length (cm)	Standing ability at harvest (1-9)	Downy mildew (1-9)	Rust* (1-9)	Thousand seed weight (g) (@15%mc)	Protein content (%dry)	No.years in matrix	Year first listed		
<b>PALE HILUM</b>														
Notilus	Sen	107	C	5	101	8	3	5	574	27.2	4	25		
LG Eagle	LUK	105	C	5	100	8	3	5	602	26.8	4	25		
Navara	Sen	104	C	5	104	8	5	6	551	26.7	5	24		
Lynx	NPZ-UK	104	C	6	98	8	6	4	515	27.4	5	16		
Genius	NPZ-UK	104	C	6	100	8	5	4	550	26.7	5	23		
Callas <sup>LVC</sup>	SU	103	C	7	101	8	4	5	566	28.0	3	26		
LG Stego	LUK	103	C	6	102	8	4	5	559	28.3	5	23		
Ketu <sup>LVC</sup>	NPZ-UK	102	C	7	103	8	4	5	516	27.6	4	25		
Futura <sup>LVC</sup>	NPZ-UK	101	C	7	101	8	4	4	526	27.6	5	23		
Loki	NPZ-UK	101	C	6	97	8	5	6	531	25.4	4	25		
LG Hawk	LUK	100	C	7	99	8	3	5	557	27.1	5	24		
Maderas <sup>LVC</sup>	NPZ-UK	98	C	6	99	8	6	5	553	27.2	3	26		
LG Raptor	LUK	96	C	7	99	8	3	5	530	27.5	5	20		
LG Viper	LUK	90	C	6	89	9	8	7	552	28.5	5	21		
<b>BLACK HILUM</b>														
Maris Bead	WAC	81	C	6	105	7	7	[5]	392	29.7	3	64		

New additions may have limited seed available until production reaches commercial scale (1-9) A high rating indicates that the variety shows the character to a high degree. The scales of characters of spring beans do not necessarily correspond with those for winter beans. The export market usually requires pale hilum types. LVC = Low Vicine & Low Convicine (<0.15%DM). © PGRO 2025 27.11.2025

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## SEED TREATMENTS

### Why treat cereal seed?

Seed and soil-borne diseases have the potential to devastate crop yields either through impacts on seed establishment or impacts on grain quality. Re-sowing untreated seed routinely can cause these diseases to multiply exponentially and may result in complete crop loss after just a few generations. Testing for seed-borne diseases is good agricultural practice but may not acknowledge diseases in the soil, on root debris or stubble from the previous crop. Therefore, use of a seed treatment is advised even on clean seed.



Seed treatments are your most cost-effective way to boost yield potential by harnessing seed germination, plant establishment and early growth. Traditionally containing multipurpose fungicide dressings and nutritional enhancers (single purpose treatments). More recently, new unique insecticides, fungicides or biological agents are available with the aim of boosting nitrogen efficiency (enhanced seed treatments).

All of our seed treatments detailed in this section are available with our certified seed or can be applied by your GFP mobile seed cleaning team. We apply only best in class single-purpose treatments which we have tested over an extensive research trials network over sites and seasons.

Our GFP offering is detailed by crop below:

## Seed Treatment Compatibility

Single purpose treatments (SPTs)			
	<b>Beret Gold</b>	<b>Rancona i-Mix</b>	<b>Prosper ST</b>
	<ul style="list-style-type: none"> <li>· 25g/L Fludioxonil.</li> <li>· GFP's preferred choice across winter wheat, oats and rye. A great basic seed treatment for a wide array of seed and soil borne diseases. Widely compatible with all seed treatment in GFP range.</li> </ul>	<ul style="list-style-type: none"> <li>· 20g/L Ipconazole + 50g/L Imazalil.</li> <li>· GFP's preferred choice for winter barley and all-round basic seed treatment for a wide array of seed and soil borne diseases. Widely compatible with all seed treatment in GFP range.</li> </ul>	<ul style="list-style-type: none"> <li>· N, P, K, Zn, Mg, Mn, Cu, B, Fe, Mo.</li> <li>· Potassium phosphite a nutrient seed treatment that promotes lateral root growth by on average 30% and 27% increased shoot biomass after 39 days.</li> </ul>
<b>Winter Barley</b>		GFP standard	
<b>Winter Wheat</b>	GFP standard		
<b>Winter Oats</b>	GFP standard		
<b>Winter Rye</b>	GFP standard		

Enhanced seed treatments					
	<b>Vibrance Duo</b>	<b>Nuello iN (Tiros)</b>	<b>MnTain</b>	<b>Latitude</b>	<b>Signal 300ES</b>
	<ul style="list-style-type: none"> <li>· 25g/L Fludioxinil + 25g/L Sedaxane.</li> <li>· First choice seed treatment for Key soil borne and seed disease control along with stimulation of root development and above ground biomass.</li> </ul>	<ul style="list-style-type: none"> <li>· Biological seed treatment containing Curtobacterium salicis (nitrogen fixing endophyte) and Pseudomonas siliginis nitrogen fixing and phosphate mobilising endophytic bacterium.</li> <li>· Co-applied with prebiotic biostimulant.</li> <li>· Benefits germination, root and shoot growth along with balancing nitrogen levels in plant using atmospheric nitrogen.</li> </ul>	<ul style="list-style-type: none"> <li>· 597g/t Manganese nitrate.</li> <li>· High doses of readily available Manganese for improved emergence and plant growth.</li> </ul>	<ul style="list-style-type: none"> <li>· 125g/L Silthiofam.</li> <li>· The only available seed treatment for control of TakeAll, especially useful in second and continuous cereals and first wheats following fallow.</li> </ul>	<ul style="list-style-type: none"> <li>· 300g/L cypermethrin.</li> <li>· Only remaining seed treatment approved for wireworm, wheat bulb fly and frit fly control in wheat and barley. Especially useful on crops following grass ley.</li> </ul>
<b>Winter Barley</b>	See note 1				See note 2
<b>Winter Wheat</b>					See note 2
<b>Winter Oats</b>					
<b>Winter Rye</b>					

**GFP standard:** Our standard single purpose treatment for this crop, based on an assessment of the technical merits of all available treatments and the individual disease requirements of the different cereal crops.

**Note 1:** Vibrance Duo does not carry a label claim for loose smut control. It is recommended that winter barley treated with Vibrance Duo also be treated with a companion single

purpose treatment to provide the best possible protection against loose smut.

**Note 2:** Signal can only be used on crops sown in the "winter", which includes all crops sown between 1st August and 31st January. Signal-dressed seed cannot be sown from 1st February onwards.

# Latitude: The specialist seed treatment for reducing take-all losses



Winter  
Wheat



Winter  
Barley

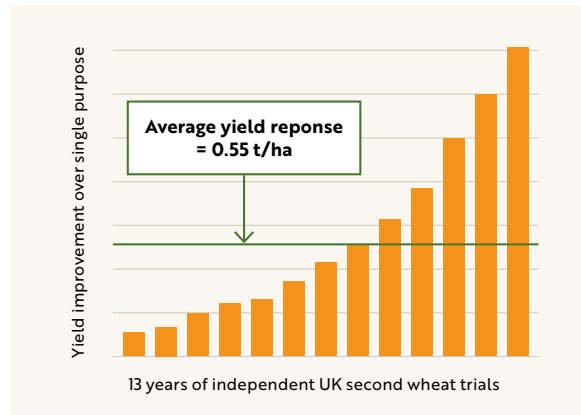
## Secure your crop with Latitude

- Protects yield, quality and profits.
- Reduces take-all in wheat and barley.
- Enables flexibility of drilling date.
- Improves nutrient and water uptake.

## Take-all: major risk factors

<b>Climate</b> 34%	Take-all will thrive in a warm wet autumn, followed by a warm wet winter.
<b>Rotation</b> 33%	Situations where take-all is likely include: second and third wheat; winter barley following a cereal; first wheat after a fallow or a spring cereal.
<b>Sowing date</b> 17%	Earlier drilled crops are more susceptible, early October drilling is optimum.
<b>Soil type</b> 16%	Soil texture (7%), pH (6%) and organic matter (3%) can all have an influence on take-all risk.

## Yield benefit, wheat after wheat



**£70/ha**  
gross margin

Average yield and gross margin benefit = 0.55 tonne or £70/ha\*.

Yield response required to break even = 0.18 t/ha.

\*Based on a Latitude cost of £40/ha and a November 2025 wheat price of £200/t.

# Vibrance® Duo: The first choice seed treatment for winter cereals



Winter Wheat



Winter Barley



Winter Rye



Winter Triticale

**VIBRANCE® Duo is proven to consistently protect yield across multiple seasons and a huge number of trials.**

**It particularly excels in three key positions:**

**Delayed drilling** **0.34t/ha**  
Increase in yield

Faster, improved emergence

**Light land** **0.38t/ha**  
Increase in yield

Improved rooting for better drought tolerance

**Second wheats** **0.51t/ha**  
Increase in yield

Improved establishment and rooting, an excellent partner for Latitude.

Delayed drilling = sites drilled after first week of October. Based on 34 sites in 2018

Light land = based on 17 sites in 2018

Second wheats = based on 13 sites in 2018

Yield benefit of VIBRANCE Duo over Redigo pro

## Build a resilient wheat crop to cope with weather uncertainties

Whether you plan to drill early or late, at the time you buy your seed you don't know what the weather has in store. Building a resilient crop gives insurance against adverse conditions.



Newark, Nottinghamshire drilled the season of the 'Beast from the East'.



Rougham, Cambridgeshire, drilled 20/10/20.

## Reliable performance across different cultivation and establishment systems

**32%** Increase in rooting

**54%** Increase in foliage weight

**17%** Increase in tillering

**17%** Increase in plant establishment

**91%** Increase in rooting

**47%** Increase in foliage weight

**30%** Increase in tillering

**7%** Increase in plant establishment



VIBRANCE Duo Redigo Pro



VIBRANCE Duo Redigo Pro

Shipston on Stour, Warwickshire. Heavy soil. Drilled 29/10/17.

**4:1**  
**Return on investment**

A £10/ha investment in Vibrance Duo returns an average of £40/ha in yield\*.

\*Based on an average yield difference of 0.2t/ha and a November 2025 wheat price of £200/t.

# Nuello® iN: The biostimulant treatment for improving plant nitrogen uptake



Winter  
Wheat

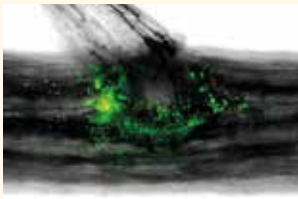


Winter  
Barley

Previously marketed as:  
**Tiros**

## Nuello iN improves nitrogen use efficiency:

- N-fixing bacteria capture nitrogen directly from the atmosphere.
- These 'always on' bacteria provide a back-up generator to the plant, even in nutrient limiting conditions.
- Enhanced crop biomass and root development improve the plant's ability to scavenge for nutrients from the soil.



Bacterial endophytes enter and colonise the plant through root cracks and fix nitrogen from the atmosphere.

## Where to use Nuello iN:

- Complement current nitrogen strategies: apply Nuello iN on crops receiving standard nitrogen applications, as an additional source of N.
- Manage nitrogen limiting situations: use Nuello iN in soils and rotational positions where nutrient access may be limited: light land, drought prone soils, and second cereals.
- Substitute small amounts of nitrogen inputs: where synthetic N applications are planned to be reduced, Nuello iN can help maintain yield by replacing up to 30kg N/Ha.

### Beret Gold

**Good root structure seen 42 days after planting**



### Beret Gold + Nuello iN

**Further improved rooting seen 42 days after planting**



Stay-green effect of Nuello iN in SY Insitor, Haywold 2023

**+30kg  
Nitrogen**

## UK trials demonstrate a nitrogen benefit from Nuello iN equivalent to up to 30kg N/Ha

Nuello iN does not offer any protection against seed and soil borne disease. It is advised that Nuello iN be co-applied with a fungicidal seed dressing such as BeretGold or Vibrance Duo.

# YOUR **SEED** **TREATMENT** **CHOICE** **MATTERS**

The start of a new growing season is your opportunity to control the hidden diseases which can impact your harvest. Redigo® Pro provides the **broadest protection from all major seed- & soil-borne diseases** in your barley & wheat crops and can also help **reduce ergot contamination**\*<sup>1</sup>. Secure the best protection from day one by specifying Redigo® Pro when ordering your seed this season.



Find out more



*Richard Williams*  
Agronomic Services  
Manager

 **REDIGO**  
**PRO**



Ergot is the third most common cause of load rejection upon sale for malting barley\*<sup>2</sup>

\*<sup>1</sup>Based on CRD-approved label recommendations on 6th June 2018. All details correct at time of going to press.

\*<sup>2</sup>MAGB annual survey 2007-2016, <http://www.ukmalt.com/annual-survey-rejections-barley-uk-malting-sites>

Redigo Pro contains prothioconazole and tebuconazole. Redigo is a registered Trade Mark of Bayer. Use plant protection products safely. Always read the label and product information before use. Pay attention to the risk indications and follow the safety precautions on the label. For further information, including contact details, visit [www.cropscience.bayer.co.uk](http://www.cropscience.bayer.co.uk) or call 0808 1969522. © Bayer CropScience Limited 2026



**BELMONT  
SEEDS**

PART OF GFP  
AGRICULTURE LTD

# Conservation, Environmental & Game Cover



**Seed  
Guide  
2026**



## SUSTAINABLE FARMING INCENTIVE (SFI) SCHEME AND COUNTRYSIDE STEWARDSHIP OPTIONS

Codes	Action titles	Payment 2023/24 (£)	Payment 2026 (£)
AHL 1/AB 1/CAHL 1	Pollen and Nectar Flower mix	739/ha	739/ha
IPM 2/AB 8/CIPM 2	Flower rich grass margins, blocks, or in field strips	798/ha	798/ha
AHL 2/AB 9/CAHL 2	Winter bird food on arable land and horticultural land	853/ha	648/ha
AB 12/AHW 2	Supplementary feeding for farmland birds	732/ha	732/ha
NUM 3/AB 15/CNUM 3	Legume fallow	593/ha	532/ha
AB 16/AHW 1	Autumn sown bumblebird Food source for birds & nectar feeding insects	747/ha	N/A
AHL 4/SW 1	4-12m grass buffer strip on arable and horticultural land	515/ha	515/ha
AHL 3/SW 3	Grassy field corners or blocks	590/ha	590/ha
SAM 3/GS 4/CSAM 3	Herbal leys	382/ha	224/ha
SOH 2	Multi species spring sown cover crop	163/ha	N/A
SOH 3	Multi species summer sown cover crop	163/ha	163/ha
SOH 4	Winter cover following maize crops	203/ha	N/A
SAM 2/SW 6/CSAM 2	Multi species winter cover crops	129/ha	129/ha

### IMPORTANT NOTE:

**Whilst we have taken every care in the preparation of this guide it is not a substitute for reading the official rules and regulations associated with the various schemes currently in operation.**

It is vitally important that you keep fully up-to-date with the latest regulations in force at the time you make your seed purchasing decisions. This information can normally be obtained from various sites on the internet or via direct contact with the appropriate government offices in your locality.



## ABI/ALH 1/CAHL 1 OPTIONS



### Annual Pollen and Nectar Mix

- A new pollen and nectar mixture for those customers wishing to rotate around the farm annually

### Why choose this product?

For use as a pollen and nectar booster.

**ABI/ALH 1/  
CAHL 1 Options**

### Mixture Formulation – 15kg pack. Drill at 15kg/ha

- Crimson Clover
- Berseem Clover
- Linseed
- Red Clover
- Phacelia
- Bird's Foot Trefoil
- Ox-Eye Daisy
- Black Knapweed
- Vetch



### Grass Free Pollen and Nectar Mix

- A nectar mix that enables grass weeds to be controlled, helping to extend its delivery over multiple years

### Why choose this product?

For use as a pollen and nectar booster.

**ABI/ALH 1/  
CAHL 1 Options**

### Mixture Formulation – 20kg pack. Drill at 20kg/ha

- Sainfoin
- Vetch
- Lucerne
- Birdsfoot trefoil
- Alsike clover
- Red clover
- Fenugreek
- Black medick
- Yellow blossom clover
- Phacelia
- Common knapweed
- Red & White Campion
- Musk Mallow



## AB8/IMP 2/CIPM 2 OPTIONS



### Economy Flower Rich Grass Mix

- A new economy version of our popular Flower Rich Grass mixture. Now offering a cheaper alternative with 90% grass and 10% native flowers/agricultural legumes

### Why choose this product?

A colourful mixture of grasses and wildflowers.

**AB8/IMP 2/CIPM 2  
/CAHL1 Options**

### Mixture Formulation – 20kg pack. Drill at 20kg/ha

- Creeping red fescue
- Hard fescue
- Smooth stalked meadow grass
- Chewings fescue
- Sainfoin
- Vetch
- Red clover
- Alsike clover
- Ribwort plantain
- Birdsfoot trefoil
- Knapweed
- Oxeye daisy
- Burnet
- Yarrow



### Flower Rich Grass Mix

- A versatile wild flower and grass mix made up of 90% grass and 10% native flowers/agricultural legumes

### Why choose this product?

A colourful mixture of grasses and wildflowers.

**AB8/IMP 2/CIPM 2  
/CAHL1 Options**

### Mixture Formulation – 20kg pack. Drill at 20kg/ha

- Red fescue
- Hard fescue
- Smooth stalked meadow grass
- Chewings fescue
- Sainfoin
- Crested dogtail
- Birdsfoot trefoil
- Bent
- Black medick
- Common knapweed
- Self heal
- Red clover
- Yarrow
- Wild carrot
- Sorrel
- Ox-eye daisy
- Vetch
- White campion



### Enhanced Flower Rich Grass Mix

- A new enhanced version of our popular Flower Rich Grass mixture (as above) now offering the option of 80% grass and 20% native flowers/agricultural legum

### Why choose this product?

A colourful mixture of grasses and wildflowers.

**AB8/IMP 2/CIPM 2  
/CAHL1 Options**

### Mixture Formulation – 20kg pack. Drill at 20kg/ha

- Red fescu
- Hard fescue
- Smooth stalked meadow grass
- Chewings fescue
- Sainfoin
- Crested dogtail
- Birdsfoot trefoil
- Bent
- Black knapweed
- Self-heal
- Red clover
- Yarrow
- Ladys bedstraw
- Musk mallow
- Ox-eye daisy
- Red campion
- White campion
- Field Scabious

# ONE YEAR WINTER BIRD FOOD MIXTURES

## AB9/AHL 2/ CAHL 2 OPTIONS



### Belmont 1 year WBSM Bird Mix

- Fantastic brood rearing potential
- Good spread of seed shedding dates
- Tried and tested by our customers
- Herbicide tolerant
- Spring sown

### Why choose this product?

Easy to grow with herbicide tolerance.

**AB9/AHL 2/  
CAHL 2 Option**

### Mixture Formulation – 25kg pack. Drill at 50kg/ha

- Reed Millet
- Red and White Millet
- Triticale
- Linseed
- Dwarf Sorghum
- Wheat and Barley
- Fodder Radish

★ Now includes: **Extra Dwarf Sorghum**



### Belmont 1 year WBSM Bird Mix with Sunflowers

- Excellent feed source for game and farmland birds from September onwards
- Spring sown
- Fantastic for attracting insects

### Why choose this product?

A Colourful mixture  
Makes excellent driving cover

**AB9/AHL 2/  
CAHL 2 Option**

### Mixture Formulation – 25kg pack. Drill at 50kg/ha

- Red, White and Reed Millet
- Spring Triticale, Wheat and Barley
- Dwarf Sorghum
- Sunflowers
- Fodder Radish
- Linseed

★ Now includes: **Extra Dwarf Sorghum and Sunflowers**



### Jack Russell

- Fantastic feed source for one year
- Herbicide tolerant
- Inclusion of grain sorghum gives structure and winter hardiness
- Seed shed from early Autumn

### Why choose this product?

A herbicide tolerant mixture with fantastic colour.

**AB9/AHL 2/  
CAHL 2 Option**

**STOMP AQUA  
TOLERANT**



### Mixture Formulation – 20kg pack. Drill at 50kg/ha

- Spring Triticale
- White Millet
- Sunflower
- Grain Sorghum
- Red Millet
- Fodder radish
- Linseed
- Reed Millet

# TWO YEAR WINTER BIRD FOOD MIXTURES

## AB9/AHL 2/CAHL 2 OPTIONS



### Belmont 2 year WBSM Mix

- A combination of small seed bearing crops
- Succession of feed sources
- Quinoa provides excellent feed for both wild birds and reared game
- Spring sown
- Pre and post emergence herbicide control options available

### Why choose this product?

A great mixture to provide a succession of food.

**AB9/AHL 2/  
CAHL 2 Option**

### Mixture Formulation – 10kg pack. Drill at 20kg/ha

- |                   |                    |              |
|-------------------|--------------------|--------------|
| • Linseed         | • Gold of Pleasure | • Kale Blend |
| • Kale/Rape cross | • Fodder Radish    | • Mustard    |
| • Phacelia        | • Utopia           | • Quinoa     |
| • Chicory         |                    |              |



**A donation made to Gamekeepers Welfare Trust on every sale of this product.**



### Wildlife Winter Holding Cover

- Delivers feed for up to two years
- Dedicated mix to fulfil the requirement of winter bird food

### Why choose this product?

Cover and colour, Synergy treated to improve establishment.

**AB9/AHL 2/  
CAHL 2 Option**

### Mixture Formulation – 22kg pack. Drill at 22kg/ha

- |   |                 |                    |               |
|---|-----------------|--------------------|---------------|
| • Buckwheat                             | • Coleor Kale   | • Marrow Stem Kale | • Turnip Rape |
| • Kings Kale Rape                       | • White Mustard | • Sandoval Quino   | • Phacelia    |
| • Stand and Deliver (perennial chicory) | • Sunflowers    | • Utopia           |               |
| • Gold of Pleasure                      |                 |                    |               |



### Kale Free Biennial Mixture

- An economical yet highly effective winter bird food option

### Why choose this product?

For customers concerned about Flea Beetle.

**AB9/AHL 2/  
CAHL 2 Option**

### Mixture Formulation – 25kg pack. Drill at 25kg/ha

- |                 |                   |                    |           |
|-----------------|-------------------|--------------------|-----------|
| • White Millet  | • Stubble Turnips | • Sweet Fennel     | • Linseed |
| • Chicory       | • Phacelia        | • Spring Triticale |           |
| • Perennial Rye | • Quinoa          | • Dwarf Sorghum    |           |

# NEW MIXTURE



## Take Off Mix

- Combines effective weed control with a diverse range of plant species.
- Delivers Feed and Cover over two years.

## Why choose this product?

A fantastic mixture to provide a succession of food for farmland birds.

**AB9/AHL 2/  
CAHL 2 Option**

## Mixture Formulation – 25kg pack. Drill at 25kg/ha

- |                      |                 |                     |
|----------------------|-----------------|---------------------|
| • Coleor Kale        | • Fodder Radish | • Perennial Chicory |
| • Gold of Pleasure   | • Linseed       | • Dwarf Sorghum     |
| • Red & White Millet | • Triticale     | • Utopia            |



## Summer Sown Wild Bird Seed Mix

- Summer sown AHL 2 option for June / July drilling-not good game cover but a great source of winter bird food

## Why choose this product?

A fantastic mixture to provide a succession of food for farmland birds.

**AB9/AHL 2/  
CAHL 2 Option**

## Mixture Formulation – 15kg pack. Drill at 15kg/ha

- |                    |                   |             |
|--------------------|-------------------|-------------|
| • Fodder Radish    | • White Mustard   | • Linseed   |
| • Gold of Pleasure | • Sandoval Quinoa | • Buckwheat |



## Economy 1 Year Wild Bird Seed Mix

- This mixture is ideal where you would like a cereal dominant mix. An economic, annual option choice.

## Why choose this product?

An effective new economy mix for winter bird food.

**AB9/AHL 2/  
CAHL 2 Option**

## Mixture Formulation – 25kg/500kg pack. Drill at 50kg/ha

- |                    |                 |                |
|--------------------|-----------------|----------------|
| • Spring Triticale | • Spring Barley | • Spring Wheat |
| • Oil Radish       | • White Millet  | • Red Millet   |

# SUPPLEMENTARY FEEDING ABI2/AHW 2 OPTIONS

## For Farmland Birds

Providing the best wild bird seed mixtures for farmland birds is critical.

Implemented alongside wild bird seed options, supplementary feeding sees the combination of wheat and oilseed rape fed with small seeds such as sunflower hearts and millet. To support agreement holders with these options, we provide the following:

- **Seed mixtures or straights** of the highest quality to meet agreement needs. These can be supplied as a whole mix or as a pre-mix to go with home saved cereals/oilseeds. Available in 25kg or bulk bags to meet your requirements.
- **Weatherproof supplementary feeding diaries** to help ensure compliance, with entry pages for a feeding 'year' and a handy farmland bird identification page.
- **Perdix feed buckets** – whilst most food needs to be ground-fed, these vermin-proof buckets are ideal for key locations where a targeted approach is required. Buckets can be mounted out of reach of game birds.



We offer an automated feed bucket to save time and effort.

Holding game birds from summer through to the end of a shoot season can be challenging. To help hold partridges and pheasants where and when they are needed, Belmont has created two special holding mixtures.

Fed on the ground or in hoppers, these mixtures have been formulated to provide superior nutritional content and entertainment for game birds. Kibbled maize, with or without aniseed, is also available.

Seed is available in bulk bags and 20-25kg bags, both at competitive prices and mixes can be adapted to suit individual needs.



Component	Premium Premix	Premium Full Mix	Economy Premix	Economy Full Mix	Premium Small Seed Mix	Economy Small Seed Mix
	KSUPP A	KSUPP B	KSUPP C	KSUPP D	KSUPP E	KSUPP F
Cereal Blend		✓		✓		
Oil Seed Rape	✓	✓	✓	✓		
Oats						✓
Canary Seed	✓	✓	✓	✓	✓	✓
Black Sunflowers	✓	✓	✓	✓	✓	✓
Sunflower Hearts	✓	✓			✓	
Linseed	✓	✓			✓	✓
Feed White Millet	✓	✓	✓	✓	✓	✓
Feed Red Millet						✓
Bag Size	25kg/500kg	25kg/500kg	25kg/500kg	25kg/500kg	25kg/500kg	25kg/500kg



INTRODUCING

# Kibbled Maize

**High quality, cleaned, screened, graded and aspirated (minimal dust) free flowing quality Kibbled Maize.**

The grain is crushed to allow easy digestion.

Maize provides an excellent source of digestible energy through rich concentrations of starch.

Very easy to mix your own supplements to enhance food value and hold birds.

AVAILABLE IN BAGS OF

25KG

500KG

1000KG

LIMITED AMOUNTS AVAILABLE



Please call  
Sally Thacker on  
**01652 636444**  
for further info  
or to make  
an order.

# LEGUME FALLOW OPTIONS

## AB15/NUM 3/CNUM 3 OPTIONS



### Annual Legume Fallow Mixture

- A new legume fallow mixture for those customers wishing to rotate a grass-free mix around the farm annually

### Why choose this product?

For SFI agreements where an annually sown grass free mix is required.

**NUM 3/CNUM 3  
Options**

### Mixture Formulation – 12kg pack. Drill at 12kg/ha

- Berseem Clover
- Red Clover
- Crimson Clover
- White Clover
- Balansa Clover
- Yellow Trefoil
- Vetch



### Grass Free Legume Mix

- Applicable for agreements commencing from 2022 onwards where a grass-free legume mix can be used
- Non Ryegrass mixture

### Why choose this product?

Flowers between early and late summer.

**AB15/NUM /CNUM 3  
Options**

### Mixture Formulation – 15kg pack. Drill at 15-20kg/ha

- Alsike Clover
- Yellow Trefoil
- Sainfoin
- Lucerne
- Red Clover
- Vetch



### Legume & Timothy Mixture

- Applicable for agreements commencing from 2021

### Why choose this product?

Helps compete with Black grass.

**AB15/NUM /CNUM 3  
Options**

### Mixture Formulation – 17kg pack. Drill at 17-20kg/ha

- Crimson Clover
- Yellow Trefoil
- Lucerne
- Red Clover
- Vetch
- Timothy
- Sainfoin

## AB16/AHW 1 OPTION



### Autumn Sown Bumblebird

- Pollinator habitat creation
- Cover for two years

### Why choose this product?

Ideal to attract bumblebees, solitary bees, butterflies and hoverflies.

**AB16/AHW 1 Option**

### Mixture Formulation – 25kg Pack. Drill at 25-30kg/ha

- |                     |               |                 |                 |
|---------------------|---------------|-----------------|-----------------|
| • Triticale         | • Wheat       | • Fodder Radish | • Alsike Clover |
| • Gold of Pleasure  | • Coleor Kale | • Linseed       | • Red Clover    |
| • Birdsfoot Trefoil | • Vetch       | • Phacelia      | • Lucerne       |
| • Crimson Clover    |               |                 |                 |

## SW1, SW3, SW4, AHL 3, AHL 4 OPTION



### Species Rich Grass Mixture

- A blend of finer grasses suited to grass margins and field corners. Fast establishing and easy to maintain

**SW1, SW3, SW4,  
AHL 3 /CAHL 3, AHL 4  
/CAHL 4 Option**

### Mixture Formulation – 20kg pack. Drill at 20kg/ha

- |                      |               |                               |
|----------------------|---------------|-------------------------------|
| • Slender Red Fescue | • Bent        | • Red Fescue                  |
| • Crested Dogtail    | • Hard Fescue | • Smooth Stalked Meadow Grass |



### Basic Stewardship Grass Mixture

- A general purpose blend of fine and tussock grasses which are ideal for buffering watercourses, creating nesting cover and beneficial insect habitats

**SW1, SW3, SW4,  
AHL 3 /CAHL 3, AHL 4  
/CAHL 4 Option**

### Mixture Formulation – 20kg Pack. Drill at 20kg/ha

- |             |                               |              |               |
|-------------|-------------------------------|--------------|---------------|
| • Cocksfoot | • Hard Fescue                 | • Red Fescue | • Tall Fescue |
| • Timothy   | • Smooth Stalked Meadow Grass |              |               |

### How to calculate the area of buffer strips to the nearest hectare

Measure the length of each strip in metres.  
To convert this to hectares:-

4 metre x length of strip = Area in metres squared, divide by 10,000 = hectares

6 metre x length of strip = Area in metres squared, divide by 10,000 = hectares

## GS4/SAM 3/CSAM 3 HERBAL LEYS OPTIONS



### CSAM 3 Herbal Ley

- A new Herbal ley mixture for SFI 24 applications

#### Mixture Formulation – 12kg pack. Drill at 30kg/ha

- Inter Perennial Ryegrass
- Late Perennial Ryegrass
- Timothy
- White Clover
- Sheep's Burnet
- Red Clover
- Birdsfoot Trefoil
- Plantain
- **Chicory inclusion available on request**

### Why choose this product?

A mixture of grasses, legumes and herbs to provide varied root structures.

Produces a high volume of forage with minimal use of inorganic fertiliser.

Improve resilience to drought.

Help improve and maintain soil structure, carbon, biology and fertility.

**CSAM 3 Option**



### Belmont GS4/SAM 3

- A general purpose grass and herbal ley which provides a vigorous sward that can be cut or grazed by cattle and sheep.

#### Mixture Formulation – 13kg pack. Drill at 32kg/ha

- Intermediate Perennial Ryegrass
- Late Perennial Ryegrass
- Timothy
- Cocksfoot
- Medium White Clover
- Birdsfoot Trefoil
- Ribwort Plantain
- Fennel
- Meadow Fescue
- Creeping Red Fescue
- Late Flowering Red Clover
- Alsike Clover
- Sainfoin
- Sheep's Burnet
- Sheep's Parsley
- Yarrow

### Why choose this product?

High nutritional value for livestock.

Provides enhanced food supplies and habitats for invertebrates.

Improves soil structure by improving natural drainage

Rich mix of legumes and herbs.

**GS4/SAM 3/  
CSAM 3 Options**



### Legume and Herb Mixture

- This herb and legume mixture has been designed to be added to long term pasture mixtures to be grazed by cattle and sheep or cut for silage.
- Perfect for overseeding existing grass swards to enhance species diversity.
- Improves soil structure and creates a beneficial habitat for pollinators.

### Why choose this product?

Good habitat for pollinators.

**GS4/SAM 3/  
CSAM 3 Options**

#### Mixture Formulation – 22kg pack. Drill at 22kg/ha

##### Legume Species

- Red clover
- Yellow Trefoil
- Sainfoin
- Alsike Clover

##### Herbal Species

- Ribwort Plantain
- Yarrow
- Burnet
- Sheep's Parsley
- Perennial Chicory

**Legume Straights are also available.**

# MULTI SPECIES SUMMER SOWN COVER CROP

## SOH 2/SOH 3 OPTIONS



Establish a multi species cover crop mix during the spring usually between March and May.

### Why choose this product?

Protect the soil surface.  
Provide root growth that benefits soil structure.

#### SOH 2 Option

**You must use a rapid growing seed mix that can contains at least 4 species, this must include 2 species from 2 or more of the following plant species.**

- Brassica
- Legume
- Herbs
- Cereal and grasses

#### Species you could use:

- Vetch
- Buckwheat
- Linseed
- Phacelia



Establish a multi species cover crop mix during the summer months usually between June and August.

### Why choose this product?

Supports soil biology.  
Minimises nutrient leaching.  
Helps soil erosion and run off.

#### SOH 3 Option

**You must use a rapid growing seed mix that can contains at least 4 species, this must include 2 species from 2 or more of the following plant species.**

- Brassica
- Legume
- Herbs
- Cereal and grasses

#### Species you could use:

- Black Oats
- Vetch
- Buckwheat
- Berseem Clover
- Linseed
- Phacelia



# WINTER COVER FOLLOWING MAIZE

## SOH 4 Option

After harvesting a maize crop, establish a winter cover crop usually no later than around mid-October.

### Choosing your quick growing cover crop

Can be a mix such as:

- Rye
- Vetch
- Phacelia
- Barley
- Mustard
- Tillage Radish

Can be a single crop such as:

Grass such as Italian Ryegrass.

Why choose this product?

Reduce the risk of soil erosion and surface run off.

Help take up nutrients.

Reduce nitrate leaching through the soil profile.



SOH 4 Option



## SW6/SAM 2/CSAM 2 Multi-species Winter Cover Crop

This is available for mid and higher tiers with a payment of £129 per Ha.

Establish a quick growing cover crop by 15 September that will provide a dense cover and protect the land from soil erosion and runoff. The cover crop can be destroyed in late January or early February, a maximum of 6 weeks before establishing the following spring crop. When weather conditions delay establishment of a spring crop, the cover crop can be left until mid-March.

This option should be used on vulnerable soil types, particularly light sandy soils with nitrate vulnerable areas.

The choice of cover crop can be a mix or a single crop. Crops should be suitable for winter sowing, fast growing (to mop up N) and be frost tolerant to provide adequate cover over winter.

A mixture of seeds, such as rye, vetch, phacelia, barley or mustard, can be sown, or other crops such as ryegrass or tillage radish, but the choice of cover crop will depend on herbicide selected and the rates of application from the previous crop. The choice of cover crop will also depend on the crops grown in the rotation.

To manage the crop, remove any soil compaction but do not subsoil on archaeological features. The crop must be established by the 15 September, so it can take up soil nitrate before winter drainage water leaches it below the depth of developing plant. These crops can either be drilled or broadcast with a suitable seed rate to provide a dense cover to protect the soil from erosion. The crop can be destroyed in late January or early February, before the crop gets too well developed – if left too late nitrate leaching may increase the following winter. The destruction of the crop may include an application of glyphosate prior to cultivation of the following crop.



# GFP WHARTONS COVER

## CROP MIXTURE



Boost your soil performance with the GFP Whartons Cover Crop Mixture, a carefully balanced 6 species blend designed to enhance soil structure, build biomass, and drive nitrogen fixation. Formulated for strong autumn establishment, this mixture delivers reliable results across a wide range of soils and rotations.

### Why Choose the GFP Whartons Cover Crop Mix?

- **Enhances soil biology** with multiple species supporting fungi, bacteria, and mycorrhizal development.
- **Improves soil structure** through deep rooting radish and vigorous root biomass from all components.
- **Delivers high autumn vigour**, ensuring quick ground cover and excellent biomass production.
- **Fixes nitrogen naturally**, reducing reliance on artificial inputs.
- **Provides excellent weed suppression**, particularly from hybrid forage rape and vetch.

### What's in the Mix?

**Phacelia** – Strong autumn vigour and high biomass; excellent soil conditioner.

**Vetch** – The best autumn nitrogen fixer; highly beneficial for soil fungi and bacteria.

**Linseed** – Supports root fungi and boosts mycorrhiza.

**Crimson Clover** – Fast-growing, efficient nitrogen fixer.

**Radish** – Deep roots for breaking compaction and structuring the soil.

**Hybrid Forage Rape** – Scavenges residual nitrogen and suppresses weeds effectively.

### Application & Pack Information

- **Sowing rate: 12 kg/ha**
- **Seed count: Approx. 194 seeds/m<sup>2</sup>**
- **Available pack sizes: 25kg or 500kg**

### Core Benefits to Your Farm

1. Increased species diversity
2. Better soil tilth
3. Improved soil structure
4. Higher root biomass
5. Stronger overall soil health
6. Natural nitrogen fixation



## GFP WHARTONS COVER CROP

Species	Comments	% in Mix	Kilos in Mix	Seeds per sq.m
<b>Phacelia</b>	Small seeds, strong autumn vigour, high biomass, good soil conditioner	4	0.5	28
<b>Vetch</b>	Best N fixer in autumn, great for soil Fungi, and bacteria	33	4	8
<b>Linseed</b>	Good for root fungus, Mycorrhiza	17	2	28
<b>Crimson Clover</b>	Good N fixer, fast growth	12	1.5	63
<b>Radish</b>	Deep roots, great soil structuring	17	2	17
<b>Forage Rape (Hybrid)</b>	Scavenge soil N, reduce surface compaction, good weed suppressant	17	2	50
		<b>100%</b>	<b>12 kilos per ha sowing</b>	<b>Seed per sq.m = 194</b>

Speak to the  
GFP Team for  
Companion  
Crop Options

## GREEN COVER CROP

Mixture	SAM2	Grazing		Pack Size (kg)	Typical Sow (kg/ha)*
Vetch Rye Cover	✓	✓	★ Well proven-Ideal before Maize or Beet. Vetch & Rye	25/500	40
Soil Vitality Mix	✓	✓	★ Ideal for soil vitality and health. Good for grazing pre- Christmas if sown early enough. Radish, Winter Oats, Black Oats, Phacelia, Berseem Clover & Vetch	25/500	20-25
Soil Structure Mix	✓	✓	★ A great soil structure creator Radish, Winter Oats, Rye, Phacelia & Tillage Radish	25/500	25/30
Basic Soil Improver	✓	✓	Economy soil health improver – This mix was Basic Mix 2, with a slightly different composition. Winter Oats, Vetch & Phacelia	20	18-20
Radish, Vetch & Phacelia	✓	✓	★ Radish, Vetch, Phacelia	25/500	22/25
Late Flowering Power Mix	✓	✓	This mixture contains a late flowering radish, so suitable for earlier drilling windows. Late flowering Radish & Winter Oats	25/500	20-25
Basic Power Mix	✓	✓	New and Improved version of Traditional Power Mix and includes crimson clover for nitrogen fixing. Contains an early flowering radish for late drilling, Radish, Winter Oats & crimson clover	25	25
Nematode Reducer	✓	✓	Angus Oil Radish, Siletta Nova Oil Radish & Defender Oil Radish	18/500	18
Super 10 Mix	✓		A mix of Crimson Clover, Winter Oats, Radish, Berseem Clover, Vetch, Phacelia, Buckwheat, Sunflowers, Gold of Pleasure & Rye	25/500	25-30
Black Oats & Phacelia Mix	✓		Suitable for use before peas or beans. Contains: black oats, phacelia and red clover. Now includes a nematode resistant black oat variety.	16	16
Summer Mix	✓	✓	Oil Radish, Crimson Clover, Berseem Clover, Phacelia	10	10
Short Summer Mix	**		★ This mix is similar to KSUMMERA Summer Sown Catch Crop A – Buckwheat, Phacelia, Linseed, Crimson Clover, Berseem Clover & Radish	16/500	16
Summer Legume Mix	**		★ This mix can be topped mix season to extend its longevity. Buckwheat, Crimson Clover, Linseed, Red Clover, Serradella & Phacelia	12/500	12
Forage Rye & Radish Mix	✓	✓	For those that don't want oats in their green cover mixture and a great option for sowing post maize. Radish & Forage Rye	25/500	25
Radish & Phacelia Mix	✓		Radish & Phacelia	12.5	12.5
Cereal Free Cover Crop	✓		Vetch, Buckwheat, Linseed, Phacelia, Crimson Clover & Baracuda Oil Radish	16/500	16
Post Maize Grazer	✓	✓	SFI compliant & suitable for grazing. It can be sown early or late as it won't flower. Forage Rye, Turnip Rape & Radish	25/500	30
Post Harvest Grazing Mix	✓	✓	Forage Rape, Kale Rape, Tillage Radish, Berseem Clover & Stubble Turnips with Turnip Rape. Great for nutrient capture and soil structure improvement	20/500	6-10
BioFum Summer Mix	✓		Contains: Carbon, BCN white mustard and BCN oil radish	20	20
Living Mulch Blend	✓	✓	Great for under sowing cereal crops: ask for advice. Yellow Trefoil, White Clover, Subterranean Clover & Small Leaved White Clover	5/25	5

★ = Key Choice Mixes

\*Sowing rate is dependent on soil type, soil conditions, soil temperature, and time of sowing

\*\* These mixes contain species that meet the requirements for SAM2, but they may not meet the aims of the action



BELMONT  
SEEDS

PART OF GFP AGRICULTURE LTD

GRASS LEY MIXTURES



# NEW GRASS SEED MIXTURES FROM BELMONT SEEDS

- ✓ The varieties used are bred with British farmers in mind
- ✓ All grass varieties recommended on NIAB 2023/24 list
- ✓ All our mixtures are designed and formulated to ensure continuous improvement for British farming
- ✓ Our grass varieties are tried, tested and proven with British farmers



### MIXTURE TABLE KEY:

<b>EPRG</b>	Early Perennial Ryegrass				
<b>IPRG</b>	Intermediate Perennial Ryegrass				
<b>LPRG</b>	Late Perennial Ryegrass				
<b>RC</b>	Red Clover	<b>Dip</b>	Diploid	<b>Tet</b>	Tetraploid



## TOP CUT

### For high yields of quality silage

- At least two bulky cuts of silage a year, for up to three years
- Potential for excellent autumn grazing
- Blend of diploids and tetraploids for yield and forage quality
- High tetraploid content to maximise sugars

#### MIXTURE DETAILS:

MIXTURE DETAILS:			HEADING DATE:
4kg	Sikem	Italian Dip	21 <sup>st</sup> May
3kg	Montblanc	Italian Tet	18 <sup>th</sup> May
3kg	Enduro	Hybrid Tet	20 <sup>th</sup> May
3kg	Moira	IPRG Dip	24 <sup>th</sup> May
<b>13kg/acre</b>			



## TOP CUT CLOVER

### A high protein ley which can be cut several times a season

- Produces high energy and high protein silage
- Red Clover will fix valuable nitrogen
- Potential for aftermath grazing
- RED ADMIRAL red clover blend delivers consistently high yields for the duration of the ley

#### MIXTURE DETAILS:

MIXTURE DETAILS:			HEADING DATE:
3kg	Sikem	Italian Dip	21 <sup>st</sup> May
2kg	Montblanc	Italian Tet	18 <sup>th</sup> May
2.5kg	Enduro	Hybrid Tet	20 <sup>th</sup> May
3kg	Moira	IPRG Dip	24 <sup>th</sup> May
2kg	Red Admiral	RC Blend	
<b>12.5kg/acre</b>			



### Benefits of Red Clover

Red Clover offers several benefits when grown within a grass ley. Most importantly, is its ability to fix atmospheric nitrogen of up to 150kg N per ha (120 units per acre) annually. As well as this, Red Clover can also increase the protein content of silage by up to 20%, and therefore higher milk yields and liveweight gains can be achieved, when compared to 'grass only' silage. Red Clover leys are also an ideal gateway into organic farming systems, by fixing nitrogen in the subsequent crop and improving soil structures.



## FLEXISWARD

**A flexible mixture that will work how you want it to**

- 3-4 year mixture for silage and grazing
- The most productive and versatile ley on the farm
- Provides a choice of management systems

MIXTURE DETAILS			HEADING DATE:
2kg	Melprimo	Italian Tet	23rd May
2.5kg	Hymmer	Hybrid Tet	22nd May
2kg	Enduro	Hybrid Tet	24th May
2kg	Alecto	IPRG Dip	24th May
2.5kg	Astonvision	IPRG Tet	26th May
2kg	Drumbo	LPRG Dip	4th June
<b>13kg/acre</b>			

## FLEXISWARD CLOVER

**Flexisward, with extra punch!**

- Added benefits of Red and White Clover for improved animal performance
- 3-4 year mixture for silage and grazing
- The most productive and versatile ley on the farm
- Provides a choice of management systems

MIXTURE DETAILS			HEADING DATE:
2kg	Melprimo	Italian Tet	23rd May
2kg	Hymmer	Hybrid Tet	22nd May
2kg	Enduro	Hybrid Tet	24th May
2kg	Alecto	IPRG Dip	27th May
2kg	Astonvision	IPRG Tet	26th May
2kg	Drumbo	LPRG Dip	4th June
0.5kg	Ganymed	RC	
0.5kg	Violin	WC	
<b>13kg/acre</b>			



## SMITHFIELD

NOW AVAILABLE  
NO CLOVER

### A medium term cut and graze mixture

- 4-5 year, all ryegrass ley, with white clover
- Designed for high performance grazing
- Will provide one big silage cut, if required

#### MIXTURE DETAILS

3kg	Alecto	IPRG Dip
3kg	Pensel	IPRG Dip
3kg	Drumbo	LPRG Dip
4.5kg	Weldone	LPRG Tet
0.5kg	Violin	White Clover

13kg/acre



## GREENSWARD

NOW AVAILABLE  
NO CLOVER

### Long term grazing mixture with an early bite

- Continuity of production from early spring to late autumn
- High sugar tetraploids encourage stock to eat more, leading to higher liveweight gain or more milk
- High quality white clover blend provides minerals and trace elements vital to your livestock's diet

#### MIXTURE DETAILS

1.5kg	Glasker	EPRG Dip
2.5kg	Alecto	IPRG Dip
2.5kg	Moira	IPRG Dip
2kg	Astonvision	IPRG Tet
2.5kg	Drumbo	LPRG Dip
1kg	Comtal	Timothy
0.25kg	Coolfin	White Clover
0.25kg	Merwi	White Clover
0.5kg	Violin	White Clover

13kg/acre



## SOLAR PARK MIXTURE

### For new and existing areas

- A robust mix that works for the creation of a new site or improvement of an existing one.
- 20kg pack

#### MIXTURE DETAILS

Creeping Red Fescue
Chewings Fescue
Hard Fescue
Smooth Stalked Meadow Grass
Sainfoin
Vetch
Red Clover
Alsike Clover
Plantain
Birdsfoot Trefoil
Common Knapweed
Ox-eye Daisy
Sheeps Burnet
Yarrow
<b>15kg/acre</b>



## HORSE Paddock

### Horse and pony paddock mixture

- The inclusion of creeping red fescue aids the rapid repair of damaged swards
- The dense mat produced, reduces poaching and aids hoof protection from stones
- Horse Paddock Mixture will tolerate several years of wear and tear

#### MIXTURE DETAILS:

<b>4.7kg</b>	EPRG Dip
<b>4kg</b>	IPRG Dip
<b>3kg</b>	LPRG Dip
<b>1kg</b>	Strong Creeping Red Fescue
<b>2.5kg</b>	Timothy
<b>13kg/acre</b>	



## Intensive Grazing

- A mixture specially formulated to maximise voluntary intakes and increase animal production from grazed grass
- Highly palatable and highly digestible tetraploid grasses increase the rate of digestion, leading to improved voluntary intakes
- Outstanding energy content means more milk and meat from every bite
- High sugars and digestible fibre improve digestion efficiency
- Includes LG Animal Nutrition White Clover Blend to increase palatability, mineral and protein content



**NEW FOR  
2026 – NOW  
AVAILABLE  
NO CLOVER**

## MIXTURE DETAILS

### Late Perennial Ryegrass (Tet)

- Meiduno
- Weldone
- Aspect
- Xenon

### White Clover

LGAN White Clover Blend

**Pack Size:** 13kg (1 acre)



Intensive Grazing mixture exhibits impressive yields, high sugar and high levels of digestible fibre in trial. This resulted in 10% higher energy yield than the control mix, equivalent to an additional 2,553 litres of milk, worth £638/ha at 25 pence per litre. Alternatively, over a tonne less concentrate needs to be bought in for every hectare grown.

MIXTURE PERFORMANCE:	INTENSIVE GRAZING (Grazing Management)
Dry Matter Yield (t/ha)	11.3
Sugar Contact (% WSC)	20.2
Digestible Fibre (% DNDF)	85.1
D-Value	85
Protein Content (%)	15.3
Energy Content (% ME)	13.6
Energy Yield (MJ/ha)	154,806

### ENSIGNPLUS WHITE CLOVER BLEND

#### A blend of white clovers

- Gives better animal performance, higher milk yields and better live weight gains. It also produces a better quality sward, with fewer weeds and less disease
- It has an exceptionally long growing season and 'fixes' free nitrogen from the atmosphere for maximum production
- By using a blend of different varieties there are always at least two that are best suited to whatever the management being applied to the sward
- Animals prefer to graze a clover/ grass sward - this results in higher voluntary intakes and better animal performance

### RED ADMIRAL RED CLOVER BLEND

#### A blend of red clovers

- Balances production through the growing season, while maintaining excellent persistency and disease resistance. Red clover swards managed correctly can meet the forage requirements of many farms and significantly improve protein contents and overall feed value of winter forage
- It's better suited to silage production than white clover because of a more erect growth habit and its significantly higher forage yields. Red clover silage has a high crude protein content of 16% to 20% and a ME content of 10 to 12MJ/kg DM.

## CLOVER PLUS

### Pelleted White Clover Blend

Overseeding clover into an existing ley has become a very popular method of improving productivity. CloverPlus is the perfect product for the job. CloverPlus is a white clover blend, coated in a pellet and treated with **HEADSTART® GOLD**.

#### This unique product offers several significant benefits:

- The pellet increases the weight and size of the seed, making equipment calibration easier and giving a more consistent spread pattern if broadcast.
- The added weight ensures greater numbers of seed get down through the existing sward to give maximum soil/seed contact.
- In dry conditions, the pellet will protect the seed until there is sufficient moisture for germination.
- **HEADSTART® GOLD** seed treatment speeds up germination, giving young plants the best opportunity to compete with the existing sward.

## SOWING INFORMATION

### Sowing period

- Late March to late April

### Direct drill

- 100,000 seeds/ha
- 50,000 seeds/acre

Seed sold in one acre packs (50,000 seed units)

## YIELD & FEED QUALITY

### Average dry matter yield

- 15-18 tonnes/ha

### Average fresh yield

- 80-100 tonnes/ha

### Dry matter

- 15-24%

### Crude protein

- 12-13% [mainly leaves]

### Digestibility value

- 78%

### Metabolisable energy

- 12.5-13 MJ/kg DM

### Growing Costs

- £1460 per hectare

### Fresh weight

- £16 per tonne

### Dry matter

- £115 per tonne



### Fosyma

A new variety which has performed outstandingly in trials. Fosyma has unique, clean, pink roots, with a slightly higher DM content % which enables crops to be harvested later. Fosyma is one of the new generation of fodder beets, bred for maximum feed potential from every hectare. Rhizomania tolerance completes its package for outstanding performance.



### Brick

A new high yielding variety, ideal for growers looking to produce a high quality feed with a higher DM content %. Brick is a true fodder beet and therefore exhibits cleaner roots but will still deliver very high dry matter yields for maximum feed potential.

Rhizomania tolerant.



### Robbos

Robbos is UK proven. It produces high dry matter yields with clean yellow roots and medium dry matter content. It is an ideal choice for both dairy and beef production.



### Blaze

Blaze has the potential to produce excellent dry matter yields with very clean, bright red roots. Blaze is a medium dry matter variety which enables the roots to be fed whole or chopped. Low dirt contamination ensures high intakes with no scouring.



### Forage Rape

A fast growing catch crop with a high protein content. Very winter hardy and great for finishing lambs. Can be used for sheep, dairy or beef production.



### Stubble Turnips

Great summer buffer crop for dairy cows and finishing lambs. Economical to grow and will help to reduce winter feed costs.



### Kale

Ideal for buffer feed for dairy cows during dry summers or outwintering systems. Kale has a flexible utilisation period with excellent crude protein content and high forage yields.



### Forage Rye

Flexible sowing options after maize or cereals. Helps mop up residual nitrogen and prevents soil erosion. Ideal for early spring turnout.



### Swede

Excellent high energy winter feed with low production costs. Great for finishing lambs with high dry matter yields.



### Maize

Low production cost, with a high DM value. Higher profits and consistent forage quality.



## Why grow Lucerne?

- High protein forage
- Four cuts per year possible
- Suitable for silage, big bales or zero grazing
- Fixes atmospheric nitrogen.
- Drought tolerant
- 3-5 year potential



## ESTATE

- High wear areas
- Re-seeding
- General landscaping
- Quick establishment

An economical landscape ryegrass mixture that establishes quickly, giving rapid cover and good wear tolerance. Estate contains only true amenity cultivars.

### MIXTURE FORMULATION

- 55%** Perennial Ryegrass
- 15%** Amenity Tetraploid Ryegrass
- 30%** Strong Creeping Red Fescue

**100%**

**Pack Size:** 2kg, 10kg, 20kg

**Sowing Rate:** 35g/m<sup>2</sup>

**Mowing Height:** 20mm



## SUBURBAN

- Multi-purpose use
- Back lawns
- General landscaping
- Housing estates

An excellent multi purpose lawn and landscape mixture that establishes quickly, with high wear tolerance and good appearance.

### MIXTURE FORMULATION

- 55%** Perennial Ryegrass
- 35%** Strong Creeping Red Fescue
- 10%** Chewings Fescue

**100%**

**Pack Size:** 10kg, 20kg

**Sowing Rate:** 35g/m<sup>2</sup>

**Mowing Height:** 20mm



## FORMAL

- Quality lawns and landscape areas
- Fine appearance
- Reduced mowing

Produces an attractive, fine, dense quality sward, for use on non ryegrass ornamental lawns and landscape areas. The inclusion of rhizomatous grasses provides resistance and strength to the sward.

### MIXTURE FORMULATION

- 25%** Strong Creeping Red Fescue
- 50%** Chewings Fescue
- 20%** Slender Creeping Red Fescue
- 5%** Browntop Bent

**100%**

**Pack Size:** 2kg, 10kg, 20kg

**Sowing Rate:** 30-50g/m<sup>2</sup>

**Mowing Height:** 15mm

Please contact one of the team for our full range of amenity mixtures





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