



# GROWERS AUTUMN GUIDE 2026



# Agrii™



[www.agrii.co.uk](http://www.agrii.co.uk)

**MasterSeeds™**  
The Seeds to Grow your Farming Business

# Dear Grower

Welcome to the Growers Autumn Guide 2026, your essential road-map for the upcoming season.

If you have any questions, please don't hesitate to get in touch.



Every year presents a unique set of challenges, but with them come new opportunities. Our mission is to cut through the noise and provide you with a guide that genuinely supports your decision-making. While anyone can read the AHDB recommended lists, we go further by conducting our own independent, replicated trials across the country. This boots-on-the-ground research gives us a complete, real-world understanding of how each variety actually performs.

We don't just select the best varieties; we grow them to a standard that far exceeds minimum certified seed standards.. Achieving our rigorous MasterSeeds Standard requires expert staff and precision processing, ensuring that the value we promise is exactly what you receive in every bag.

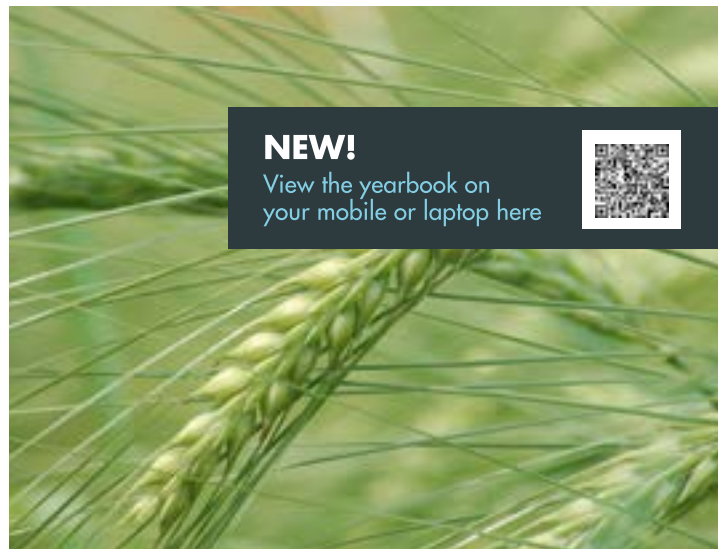
Your Agrii contact is ready to help you navigate these choices, focusing on investments that drive profit rather than false economies. Let's work together to find the right varieties for your farm, your system, and your long-term goals.

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**Rodger Shirreff**  
National Seed  
Business Manager

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# Introduction to MasterSeeds



## A science-based approach to variety selection

- + Varieties are selected using Agrii's extensive trials network
- + Variety Sustainability Ratings give a balanced view of performance



## MasterSeeds quality

- + Tested more rigorously than Higher Voluntary Standard seed



## Supporting our future seed business

- + Continued investment in statics and mobile seed plants and our Farm Saved Seed operations



## Sustainable production of seed

- + Seed grown as close to seed plants as is practically possible



## Investing in our people

- + Training of staff to ensure advice and service exceed industry standards



## Regional expertise

- + Our Seed Specialists are embedded within our local agronomy teams



## We work with the best suppliers in the industry

- + Our seed treatments are rigorously tested through our own trials network



## Seeking new markets

- + We are continually looking to introduce innovation crops to the UK market



## Buy-back opportunities

- + We work with partners to identify suitable buy-back contracts

## Conventional Wheat, Barley, Oats

SEED SAMPLE STANDARDS	MasterSeeds	C1 HVS	C2 HVS	C2 Lower	C1/C2 Triticale
<b>Germination level</b>	90% On preliminary germ	85%	85%	85%	80%
<b>Vigour tests carried out on</b>	Winter Wheat Spring Wheat	No test required	No test required	No test required	No test required
<b>Analytical purity (inert matter) % weight</b>	1% (99%)	1% (99%)	1% (99%)	2% (98%)	2% (98%)
<b>Loose smut in barley</b>	Treated for control	0.2% or treated	0.2% or treated	0.5% or treated	n/a
<b>Embryo testing for loose smut in barley</b>	Treated for control	Not compulsory	Not compulsory	Not compulsory	n/a

MAXIMUM IMPURITIES ALLOWED					
IMPURITY	Master Seeds 2kg sample	C1 HVS equivalent 2kg sample	C2 HVS equivalent 2kg sample	C2 Lower equivalent 2kg sample	C1/C2 Triticale equivalent 2kg sample
<b>Seeds of other cultivated cereal species</b>	2	2	6	28	28
<b>Seeds of brome or couch species</b>	2	2	2	28	28
<b>Seeds of blackgrass (<i>Alopecurus myosuroides</i>)</b>	Nil	2	4	28	28
<b>Seeds of other weed species</b>	2	2	4	28	28
<b>Maximum species impurities allowed</b>	4	4	8	40	40
<b>Ergot pieces</b>	1	2	2	12	12
<b>Wild oats</b>	Bardex tested Nil in 20kg	Nil in 1kg sample	Nil in 1kg sample	Nil in 1kg sample	Nil in 1kg sample
<b>Sample size inspected</b>	2kg	1kg	1kg	0.5kg	0.5kg

## Hybrid Barley

SEED SAMPLE STANDARDS	MasterSeeds	Certified seed
<b>Germination level</b>	90% On preliminary germ	85%
<b>Analytical purity (inert matter) % weight</b>	1% (99%)	2% (98%)

MAXIMUM IMPURITIES ALLOWED		
IMPURITY	MasterSeeds 2kg sample	Certified seed standards equivalent 2kg sample
<b>Seeds of other cultivated cereal species</b>	7	28
<b>Seeds of brome or couch species</b>	Nil	No Standard
<b>Seeds of blackgrass (<i>Alopecurus myosuroides</i>)</b>	Nil	28
<b>Seeds of other weed species</b>	4	28
<b>Maximum species impurities allowed</b>	10	40
<b>Ergot pieces</b>	4	12
<b>Wild oats</b>	Bardex tested Nil in 20kg	Nil in 1kg sample
<b>Sample size inspected</b>	2kg	0.5kg



### Hybrid Rye

SEED SAMPLE STANDARDS	Master Seeds	Basic	C2
<b>Germination level</b>	90% On preliminary germ	85%	85%
<b>Analytical purity (inert matter) % weight</b>	1% (99%)	2% (98%)	2% (98%)

MAXIMUM IMPURITIES ALLOWED		
IMPURITY	Master Seeds 2kg sample	C2 Equivalent 2kg sample
<b>Seeds of other cultivated cereal species</b>	4	28
<b>Seeds of brome or couch species</b>	Nil	28
<b>Seeds of blackgrass (<i>Alopecurus myosuroides</i>)</b>	Nil	28
<b>Seeds of other weed species</b>	4	28
<b>Maximum species impurities allowed</b>	8	40
<b>Ergot pieces</b>	4	12
<b>Wild oats</b>	Bardex tested Nil in 20kg	Nil in 1kg sample
<b>Sample size inspected</b>	2kg	0.5kg

### Naked Oats

SEED SAMPLE STANDARDS	Master Seeds	C2 HVS	C2 Lower Minimum
<b>Germination level</b>	80% On preliminary germ	75%	75%
<b>Analytical purity (inert matter) % weight</b>	1% (99%)	1% (99%)	2% (98%)

MAXIMUM IMPURITIES ALLOWED			
IMPURITY	Master Seeds 2kg sample	C2 HVS Equiv 2kg sample	C2 Lower Equiv 2kg sample
<b>Seeds of other cultivated cereal species</b>	6	6	28
<b>Seeds of brome or couch species</b>	Nil	2	28
<b>Seeds of blackgrass (<i>Alopecurus myosuroides</i>)</b>	Nil	4	28
<b>Seeds of other weed species</b>	4	4	28
<b>Maximum species impurities allowed</b>	8	8	40
<b>Ergot pieces</b>	1	2	12
<b>Wild oats</b>	Bardex tested Nil in 20kg	Nil in 1kg sample	Nil in 1kg sample
<b>Sample size inspected</b>	2kg	1kg	0.5kg

### Beans

SEED SAMPLE STANDARDS	Master Seeds	Certified seed
<b>Sample size examined</b>	2kg	1kg
<b>Purity (% by weight)</b>	Minimum 99%	Minimum 98%
<b>Germination</b>	90% on preliminary test	80%
<b>Ascochyta C1</b>	Nil	No standard
<b>Ascochyta C2</b>	0.5%, maximum 6% if treated	No standard
<b>Stem nematode infection C1</b>	Nil on a sample from the cleaned seed lot	No standard
<b>Stem nematode infection C2</b>	Absent	No standard
<b>Other plant species in total</b>	Maximum 0.1%	Maximum 0.5%
<b>Wild oats</b>	Nil in 2kg	Nil in 1kg

#### Notes

There are no higher voluntary standards (HVS) for Triticale / Hybrid Barley / Hybrid Rye. Bardex test: A Bardex test does not have to be carried out on the on line QC so long as a 20kg sample is tested for each final seed certification lot produced as Master Seeds.

Cereal seed must not exceed maximum moisture content of 17% on all grades. Thousand seed weight, should normally be carried out on a screened farm sample, alternatively it may be carried out on a screened sample from the as-grown intake or from the cleaning line.

# MasterSeeds™

The Seeds to Grow your Farming Business

# RESERVED

WINTER WHEAT

WINTER OILSEED RAPE

WINTER BARLEY

WINTER RYE

## EARLY SEED SUPPLY

Priority service for early drilling



ON TIME



ON SPECIFICATION



PEACE OF MIND

- + From our extensive network across the UK, we select varieties which have shown to be suitable for early drilling
- + Master Seeds Reserved is processed using Agrii production facilities ahead of the main season
- + Reserved seed is fully traceable and undergoes rigorous quality control
- + Tailored Seed treatment solutions are available to suit specific technical requirements.





# AGRII ADVISORY LIST

We run a nationwide network of field trials to help our customers and agronomists select the best variety for the right situation.

The trials are carried out at our Technology Centres and iFarm sites extending from Angus to Cornwall and South Wales to Essex.

The trials results are then used to create the Agrii Advisory List. This complements the AHDB Recommended List with extra analysis and statistically-robust data. The scores provided in this Yearbook are from the Agrii Advisory List, unless otherwise stated.

Your Agrii agronomist has access to the latest Agrii Advisory List data – please speak to them for more information.

## OUR VARIETY TRIALS:

+ Evaluate the performance of potential, new and existing varieties on a regional basis.

## THE AGRII ADVISORY LIST:

+ Provides detailed performance data from our trials and external data.

## AGRII ADVISORY LISTS ARE AVAILABLE FOR:

1. Winter wheat
2. Winter and spring barley
3. Winter oilseed rape

## How are Agrii's Variety Sustainability Ratings calculated?

Individual weighted scores are added together to give the high, medium or low sustainability rating:

### WINTER WHEAT

VSRS are based on:

- + Foliar disease resistance
- + Lodging
- + Orange wheat blossom midge resistance
- + Yield resilience and consistency
- + Grassweed competitiveness
- + Specific weight
- + Latest optimum sowing date
- + Second vs first wheat performance

### WINTER BARLEY

VSRS are based on:

- + BYDV tolerance
- + Foliar disease resistance
- + Lodging
- + Yield resilience
- + Grassweed competitiveness
- + Specific weight

### OILSEED RAPE

VSRS are based on:

- + Stem stiffness/lodging
- + Light leaf spot resistance
- + Phoma resistance
- + Autumn vigour
- + Spring vigour
- + Maturity

A weighting is applied to reflect the relative agronomic importance of each character, their potential to reduce pesticide use and overall cost/tonne.

We have colour-coded the wheat, barley and oilseed rape varieties in this Arable Guide to show their Variety Sustainability Ratings.

VERY HIGH VSR

MEDIUM VSR

HIGH VSR

LOW VSR



# WINTER WHEAT

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## UKFM\* GROUP 1 BREAD

**NEW** Arlington  
KWS Vibe  
SY Cheer  
Skyfall

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## UKFM GROUP 2 BREAD & FEED

KWS Arnie  
KWS Extase  
KWS Palladium

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## UKFM GROUP 3 BISCUIT/DISTILLING

Bamford

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## SOFT FEED/DISTILLING

**NEW** Sparkler  
RGT Hexton

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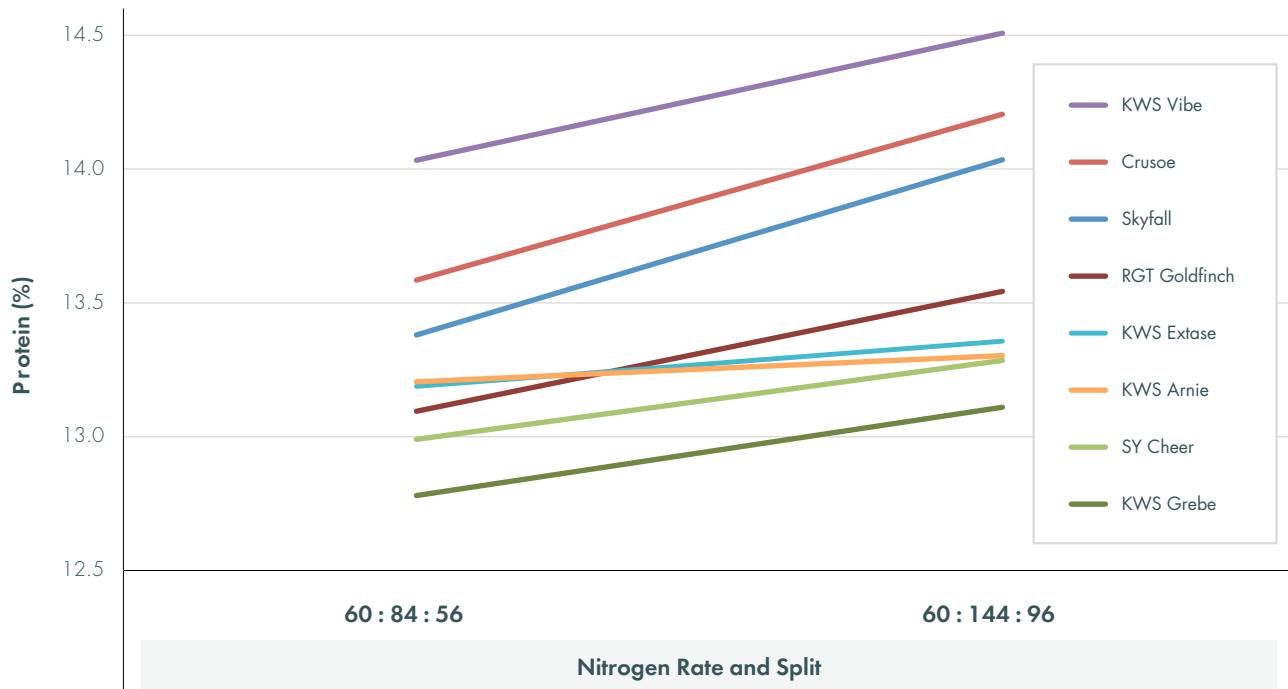
## HARD FEED

**NEW** LG Defiance  
**NEW** KWS Aintree  
**NEW** LG Challenger  
**NEW** KWS Fowlmere  
Graham  
Champion  
Fitzroy  
KWS Dawsum  
LG Beowulf



## Milling Wheat Variety x Nitrogen Trial, 2025

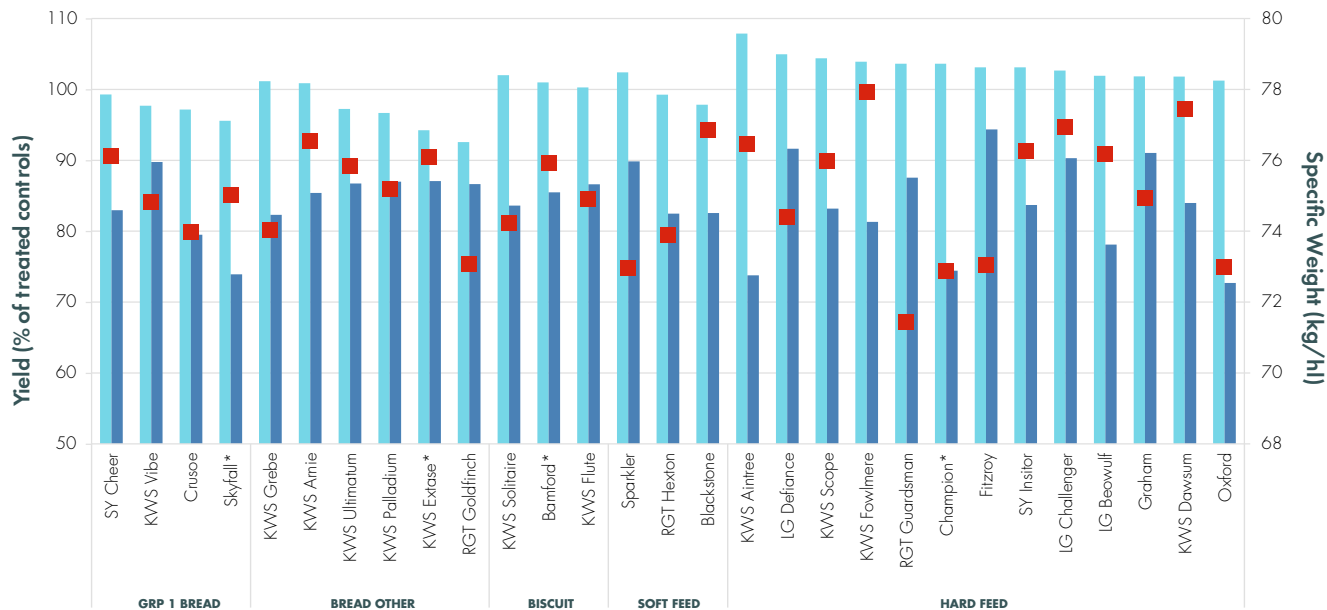
### % Protein Content by Variety and Nitrogen Rate





## Winter Wheat Variety Trials - 2025 National and Regional Trials

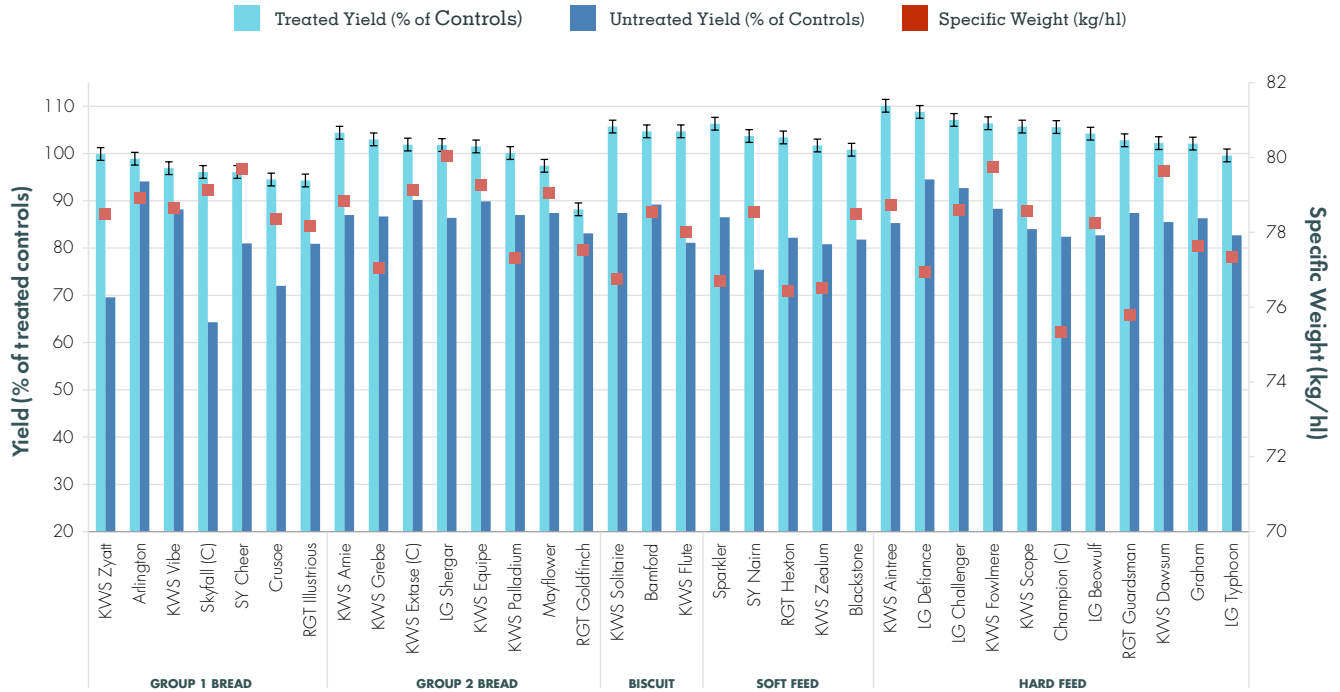
■ Treated Yield (% of Controls)    
 ■ Untreated Yield (% of Controls)    
 ■ Specific Weight (kg/hl)



Source: **Nine** trials (Kent, Dorset, Cornwall, Essex x2, Glamorgan, East Yorks, Border and Angus) Yield of controls\* = 10.0 t/ha  
 Note : Untreated results are from unreplicated plots



# Winter Wheat Performance - UK Recommended List 2026-27





**NEW** **Arlington**

GROUP 1, BREAD **HIGH VSR**

Arlington is a high-quality, hard Group 1 milling wheat variety noted for its strong performance in trials and robust agronomic package. It is positioned as a potential replacement for Skyfall due to similar but improved disease resistance, especially against yellow rust. It offers a high specific weight (around 79.3 kg/hl) and a high, stable Hagberg Falling Number (309s), making it suitable for excellent bread-making potential and limited ukp export potential. Official milling trials reported a protein content of 12.5%, though DSV's own trials show higher proteins of up to 13.5%.

In official trials, it shows high yield potential (99% treated, 94% of controls), reflecting its good disease package. While not in Agrii trials last year, it yielded 103% of controls in 2024. It performs as both a first and second wheat, with the best performance seen in the East and West regions. Trials suggests that it is more suited to heavier land.

The variety has a low vernalisation requirement, providing a wide drilling window, which is particularly useful for late autumn/winter sowings. It features short, stiff straw, contributing to good lodging resistance and no reported lodging issues in trials. It is also an early maturing variety (-1), which helps facilitate a quick harvest.



Arlington possesses a strong overall disease resistance profile. It carries the valuable Pchl eyespot genetics (5.9) and resistance to yellow rust is good (7 RL; 8 Agrii), though there potential future race breakdowns affecting other YR15 susceptible. It has good resistance to mildew (6), brown rust (6 RL, 7 Agrii), and *Septoria tritici* (7 RL; 7 Agrii). The variety also has resistance to Orange Wheat Blossom Midge.

Overall, DSV's Arlington is an easy-to-manage variety that provides growers with a blend of good end-market quality potential and reliable in-field performance.

**BREEDER:** DSV UK  
**PARENTAGE:** MARSTON X SKYFALL





## SY Cheer

GROUP 1, BREAD **MEDIUM VSR**

SY Cheer was introduced two years ago, offering average yields with several notable agronomic advantages. It has good grain quality, with a high specific weight and an average protein content of 12.8% in AHDB trials. Agrii data indicates that its protein-building capability is on par with Skyfall. Strong competition from KWS Vibe means SY Cheer must perform consistently and prove itself on farm. It is not approved for export under ukp.



Its strongest performance is as a first wheat and it's well suited to both heavy and light soils. SY Cheers is a taller variety (91 cm), but its straw strength is acceptable (7 treated, 8 untreated). It can be drilled safely and will perform well up to the end of January. Maturity is mid-range at +1.

Like many varieties, SY Cheer has seen a slight drop in disease ratings in 2025. Even so, it maintains reasonable resistance levels: mildew (7 **RL**; 8 **Agrii**), yellow rust (6 **RL**; 6 **Agrii**), Septoria tritici (6 **RL**; 5 **Agrii**), and brown rust (6 **RL**; 5 **Agrii**). Eyespot resistance is low (3.7), similar to KWS Extase, so it should be addressed at T0 or T1 with prothioconazole. The variety is also very susceptible to stem-base diseases and does not carry resistance to orange wheat blossom midge.

SY Cheer has performed well under blackgrass pressure in Stow Longa trials. With limited direct suppression of grassweeds, its relative yield in the presence of blackgrass ranked within the top 20% of all varieties when compared to their clean plots.

**BREEDER:** SYNGENTA CROP PROTECTION

**PARENTAGE:** KWS TRINITY X EXPERT

## Skyfall

GROUP 1, BREAD & FEED **MEDIUM VSR**

Starting to decline due to its yellow rust susceptibility but has been widely grown for its consistent performance, late-drill flexibility, stiff straw and early maturity. Widely accepted by UK millers and often finds its way into export cargoes. Suitable for all areas of the UK and it can be drilled right through to the end of the first week in March. Short, relatively stiff-strawed (RL 9, **Agrii 6**) and early to mature (**Agrii 0**) but watch for sprouting and be prepared to prioritise it at harvest.

It has a good resistance against mildew (RL 5; **Agrii 6**), brown rust (RL 8; **Agrii 9**) average resistance to Septoria tritici (RL 6; **Agrii 5**) but very weak against yellow rust (RL 3; **Agrii 2**). Good performance as a second wheat, competitive against grassweeds and resistant to ear blight (**Agrii 7**) and orange wheat blossom midge.

**BREEDER:** RAGT SEEDS, UK

**PARENTAGE:** C4148 X HURRICANE



# KWS Vibe

GROUP 1, BREAD **VERY HIGH VSR**



KWS Vibe was a new addition to the UK Recommended List last year, with a strong balance of yield (97% treated, 88% untreated) and disease resistance. It delivers excellent grain quality, with a high Hagberg Falling Number (294 seconds), strong specific weight (78.6 kg/hl), and elevated protein content (13.4%), the latter was confirmed in Agrii's dedicated milling wheat trials last year. It is not approved for ukp export.

KWS Vibe is adaptable across all heavy and light soil types and UK regions. Its relatively slow development makes it a good option for earlier drilling. It has potential as a second wheat with PCH1 eyespot resistance (6), it only shows a small drop in relative performance (1%) from its first wheat performance. It has medium height (89 cm), relatively stiff straw (8.2 treated, 7.8 untreated), and mid-maturity (+1).

Disease resistance is generally strong with mildew (7 RL; 7 Agrii), yellow rust (8 RL; 8 Agrii), Septoria tritici (6.5 RL; 7 Agrii) and brown rust (6.2 RL vs. 6 Agrii). It is susceptible to yellow rust at the seedling stage (UKCPVS data) so a T0 fungicide should be considered until adult plant resistance is fully expressed. Trials also point to moderate resistance to the stem-base disease complex. Vibe is not resistant to orange wheat blossom midge.

Overall, KWS Vibe is a strong new entrant to the Group 1 milling sector, offering high grain quality, attractive protein levels and robust disease resistance. It is a promising option for growers seeking an alternative to existing Group 1 varieties.

**BREEDER:** KWS UK

**PARENTAGE:** BERNSTEIN X KWS ZYATT



# KWS VIBE

## The field good wheat!

Group 1 Winter Wheat

- A premium breadmaking wheat with full UKFM Group 1 approval
- Protein banker: highest grain protein under milling regime
- High untreated yield with best-in-class yellow rust and robust *Septoria* resistance



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

## KWS Arnie



GROUP 2, BREAD & FEED **MEDIUM VSR**

A high yielding Group 2 milling-type that is similar to and higher yielding than KWS Extase. It has high yields in both AHDB (104% treated, 87% untreated) and Agrii trials (104% treated, 75% treated), bold grain (78.8 kg/hl) and high HFN (296s). With relatively low protein content (12.1%) it might be used as a UK blending wheat but it is unsuitable for export under ukp.

Suitable for all regions of the UK. It is best grown on heavier land and sown in the main drilling window with its optimum performance no later than the end of October. Average height (89 cm) and reasonably stiff straw (RL 8; Agrii 7) treated and (RL 8; Agrii 6) untreated and early maturity (RL -1; Agrii 0). Avoid areas of high sterility risk until more information is available. Acceptable second wheat performance.

Similar disease ratings to KWS Extase with evidence that resistance to both yellow rust (RL 7; Agrii 5) and Septoria tritici (RL 7; Agrii 6) is slipping. There is evidence of weakness against mildew (RL 6; Agrii 4) and to stem-based diseases in Agrii trials. Brown rust resistance is average (RL 6; Agrii 6), so too is eyespot (4.5) due to the lack of PCH1 resistance. Furthermore, it is not resistant to orange wheat blossom midge.

**BREEDER:** KWS UK

**PARENTAGE:** KWS ZYATT X KWS EXTASE

## KWS Extase



GROUP 2, BREAD, UKP EXPORT & FEED **LOW VSR**

Remains a significant Group 2 variety offering high yields and good physical grain quality (79.1 kg/hl). Its national acreage has reduced following the introduction of KWS Arnie and KWS Palladium but it continues to produce consistently high yields in AHDB (102% treated, 90% untreated) and Agrii trials (99%, treated, 80% untreated). It offers some the opportunity for blending premiums or an option to export under ukp but it is mainly grown for the feed heap.

Suitable for all regions of the UK except areas of high sterility risk. Consistent across soil types with good performance on lighter soils. A fast-developing variety best sown from the last week of September through to the end of December, but it can be drilled to the end of January if desired. Best grown as a first wheat and average competitiveness against grassweeds. With tall straw (93 cm), care is needed particularly on more fertile soils as stem stiffness (RL 7; Agrii 5) could be better and a robust PGR programme should be used. It is early to mature (RL -1; Agrii -1).

Disease resistance is starting to come under pressure with lower ratings in Agrii trials for Septoria tritici (RL 7; Agrii 5) and yellow rust (RL 7; Agrii 4), while brown rust (RL 7; Agrii 7) and mildew remain robust (RL 6; Agrii 7). The juvenile stage of yellow rust may be seen before GS32. It is also highly susceptible to stem base diseases and eyespot (4) so it needs attention particularly in a second wheat situation. Not resistant to orange wheat blossom midge.

**BREEDER:** KWS UK

**PARENTAGE:** BOISSEAU X SOLHEIO



# KWS ARNIE

## It's the Guv'nor!

Group 2 Winter Wheat

- The highest yielding Group 2
- Outstanding disease resistances including 6.8 for *Septoria* and 7 for yellow rust
- Highest yielding breadmaking variety in the second and more slot



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

## KWS Palladium



GROUP 2, BREAD & FEED **HIGH VSR**

A good alternative to KWS Extase with slightly higher yields (101% treated, 82% untreated), a more measured growth habit and more robust disease resistance. Accepted by the millers as a Group 2-type but not approved for ukp export. Grain quality is good with high HFN (316s), a slightly lower specific weight (77.3 kg/hl) and a protein content of 12.4%.

Suitable for all regions excluding those with a high sterility risk. Performs well across soil types and is an acceptable choice as a second wheat. It can be drilled slightly earlier than KWS Extase but still best grown from the last week of September through to the end of December. Medium height (85 cm), decently stiff straw treated (RL 8; Agrii 7) and untreated (RL 8; Agrii 6), relatively early maturity (RL -1; Agrii-1) and good resistance to sprouting.

A relatively clean variety with a good disease package with mildew (RL 7; Agrii 7), yellow rust (RL 6; Agrii 7), brown rust (RL 6; Agrii 5) and Septoria tritici (RL 7; Agrii 6.5). Moderately susceptible to fusarium ear blight (6.4) and stem-base diseases and not resistant to orange wheat blossom midge.

**BREEDER:** KWS UK  
**PARENTAGE:** KWS ZYATT X KWS TRINITY

## Bamford



BISCUIT, DISTILLING & EXPORT **MEDIUM VSR**

Agrii biggest selling wheat last autumn with consistently high yields in both official (105% treated, 89% untreated) and Agrii trials (106% treated, 85% untreated) and good disease and agronomic characteristics. It has good physical grain quality (78.5 kg/hl) that suits the millers and exporters alike. It also has a medium rating for distilling and produces high spirit yields.

Best sown in the main drilling window and suitable for all regions except areas of high sterility risk. Performs well across a range of soil types including lighter soils. It has PCH1 eyespot resistance and shows acceptable performance as a second wheat and is competitive against grassweeds. It is very fast to develop in the spring and Agrii trials suggest that straw strength is not as stiff as official ratings suggest; (RL 7 Agrii 5) untreated and (RL 7; Agrii 6) treated, so a robust PGR programme is advised. Medium to early (RL 0; Agrii+1) maturity but susceptible to sprouting (5).

A reasonable disease resistance profile with mildew (RL 6; Agrii 6) but there is evidence to suggest ratings are slipping for yellow rust (RL 6; Agrii 5), brown rust (RL 6; Agrii 5) and Septoria tritici (RL 6; Agrii 6). Moderately susceptible to fusarium ear blight (5.7) and stem-base diseases. Resistant to soil borne wheat mosaic virus but not orange wheat blossom midge.

**BREEDER:** ELSOMS WHEAT  
**PARENTAGE:** MOULTON X 129



# ALL DRESSED UP AND READY TO GROW



**Protecting Yield, Quality and Profit**

**LATITUDE®**

The only take-all seed treatment

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USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.  
For further information with regard to the warning phrases and symbols for this product please refer to the product label.  
Latitude® contains silthiofam. Latitude® is a Registered Trademark of Mitsui & Co. Ltd.  
CertisBelchim, Suite 5, 3 Riverside, Granta Park, Great Abington, Cambridgeshire, CB21 6AD.  
Tel: 0845 373 0305 email: [infocertisUK@certiseurope.com](mailto:infocertisUK@certiseurope.com) [www.certiseurope.co.uk](http://www.certiseurope.co.uk) © 2023



**Certis Belchim**  
GROWING TOGETHER



AHDB  
RECOMMENDED



# Outshines the best.

Sparkler crackles with real potential, delivering greater profitability with lower risk.

It sparkles in Group 4 as the UK's highest yielding soft, paired with market-leading *Septoria tritici* resistance.

Reigniting end-market flexibility, it meets distilling, feed and UKS export specs, widening access to premium contracts.

Sparkler promises brighter returns.

## Sparkler

WINTER WHEAT

Ask your seed merchant about availability.



Unlocking the  
power of plants



**NEW Sparkler**



SOFT FEED, DISTILLING **LOW VSR**

Sparkler is a high-yielding Group 4 soft winter wheat variety, bred by Elsoms specifically for the UK market. It has demonstrated itself as a high yielding variety (**106% treated, 87% untreated**), with a treated yield of 108% reported in the North in AHDB trials, albeit on a limited dataset. The variety possesses desirable grain characteristics, including bold grain (76.7kg/hl), a high Hagberg Falling Number (HFN) of 216s, and a positive rating for distilling, which will generate interest on farm.

Sparkler is a flexible variety, performing well across all soil types. It is suitable for flexible drilling, accommodating earlier autumn sowings as well as later sowings extending through to late November and potentially beyond. It has tall straw (**92 cm**) but maintains relative stiffness (**7 treated, 6 untreated**) and shows medium maturity (+1). The absence of Orange Wheat Blossom Midge (OWBM) resistance is not a concern for Northern growers.

It has average resistance to yellow rust (**7 RL; 5 Agrii**) and mildew (**4.6**) but is weak against eyespot (**4**) and brown rust (**4 RL; 4 Agrii**). Its Septoria tritici resistance is considered strong (**7 RL; 7 Agrii**), and its Fusarium eye blight resistance appears good (**6**).

Overall, Sparkler combines leading soft wheat yield potential with strong Septoria tritici resistance and access to multiple end markets.

**BREEDER:** ELSOMS SEEDS  
**PARENTAGE:** GRAHAM X LG SKYSCRAPER

**RGT Hexton**



SOFT FEED & POTENTIAL DISTILLING **MEDIUM VSR**

A new addition to the UK Recommended List last year in the soft feed category. High yields in AHDB trials (103% treated, 82% untreated) and Agrii trials over the past two years (**105% treated, 72% treated**). Outstanding performance in the north (**109% treated**) and rated 'Medium' for distilling which is important for this region. Average physical grain quality (76.4kg/hl) and HFN (247s).

Suitable for all soil types including very light soils. Second wheat performance is good in trials although it is susceptible to eyespot (**4.5**) and other stem base diseases. In spite of having Graham in its parentage it is less suited to early drilling largely due to its moderate disease resistance. However it is well suited to later drilling with strong yield performance through to the end of January. Moderately tall (**89 cm**) and reasonably (**RL 7; Agrii 7**) and slightly later to mature (+2).

It has strong Septoria tritici resistance (**RL 7; Agrii 7**), good mildew (**RL 5; Agrii 5**), average yellow rust (**RL 7; Agrii 6**) but very weak against brown rust (**RL 4; Agrii 3**). Resistant to orange wheat blossom midge.

**BREEDER:** RAGT SEEDS  
**PARENTAGE:** GRAHAM X RGT UNIVERSE



**NEW** LG Defiance



HARD FEED **HIGH VSR**

LG Defiance was the second highest yielding hard feed wheat in Agrii's trials in 2025 (105% treated, 93% untreated), outyield only by KWS Aintree which has much lower yellow rust resistance. It showed similar performance in AHDB trials (109% treated, 95% untreated) with an average specific weight (77.0 kg/hl). Its high untreated yields reflect good all-round disease resistance and it is likely to gain significant interest particularly as many other varieties are facing disease resistance breakdown against yellow rust.

It has shown consistent performance across regions and soil types including lighter land. It is best drilled in the main drilling window through to the middle of November. Early indications also support its use as a second wheat although eyespot will require attention. It is not suitable for regions of high sterility risk.

LG Defiance is a tall strawed variety (97 cm - PGR, 87 cm +PGR) with only moderate straw strength (7 treated, 5 untreated) that puts it slightly weaker than Champion. Care is needed on more fertile sites and a robust growth regulator programme is always recommended. It shows medium maturity (+1 RL, 0 Agrii).

Good all-round disease resistance profile with mildew (7), yellow rust (8 RL, 8 Agrii), brown rust (5 RL, 5 Agrii), Septoria tritici (6 RL, 6 Agrii), eyespot (5) and fusarium ear blight (7). It is also resistant to orange wheat blossom midge.

**BREEDER:** LIMAGRAIN UK

**PARENTAGE:** KWS EXTASE X GLEAM

**NEW** KWS Aintree



HARD FEED **LOW VSR**

KWS Aintree was the highest-yielding winter wheat in Agrii's trials in 2025 (108% treated, 71% untreated) and mirrored the results of the AHDB (110% treated, 85% treated). It has a relatively high specific weight (78.7 kg/hl). It performed well in spite of the fact the resistance to yellow rust is effectively below minimum standards. Consequently it is a high-input, high-output variety but its high yield will no doubt attract some growers.

It appears to be very consistent across years, regions and soil types. First and second wheat performance is also consistent although eyespot resistance is only ranked as moderate (5.5). It's also performed well in early-drill and late-drill trials but disease susceptibility may preclude this in practice so it is probably best suited to the main drilling window.

It has tall straw that responds well to plant growth regulators (80 cm treated, 93 cm untreated) with reasonable standing ability (7 treated, 7 untreated) and medium-early maturity (0).

Yellow rust is its main weakness due to the recent breakdown in the YR15 gene. With a low rating (3 RL, 2 Agrii), growers will have to monitor it carefully and use a robust fungicide program as routine. It is average against other foliar disease including brown rust (5 RL, 6 Agrii), Septoria tritici (6 RL, 6 Agrii) and ear Fusarium (5). Resistant to orange wheat blossom midge.

**BREEDER:** KWS UK

**PARENTAGE:** KWS KINETIC X KWS SABRUM



“ 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)

“ 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)

**NEW** LG ChallengerHARD FEED **VERY HIGH VSR**

LG Challenger hard winter feed wheat variety that has delivered high yields in Agrii trials in 2025 (102% treated, 89%). It was added to the 2026/27 AHDB Recommended List with similar high yields (107% treated, 93% untreated) and bold grain (78.6 kg/hl). It shows strong performance in untreated yield trials, suggesting good inherent disease resilience.

It has shown consistent performance over the past three years and across all regions and soil types. Its second wheat performance looks promising although eyespot resistance is low (4.5 RL) and early suggestion that it may be suitable for early drilling otherwise it is best drilled from the middle of September through to the middle of November. Limagrain claim that it has good tillering capacity (7) and relatively early start to spring regrowth (7). It is a tall variety (83 cm +pgr, 94 cm -pgr) with good lodging resistance (7 untreated, 7 treated). It is moderately early to mature (+1).

It has a reasonable set of disease scores for mildew (7 RL), yellow rust (7 RL, 5 Agrii), brown rust (5 RL, 4 Agrii), Septoria tritici (6 RL, 7 Agrii) and Fusarium ear blight (7 RL). It is resistant to orange wheat blossom midge.

**BREEDER:** LIMAGRAIN UK**PARENTAGE:** (RGT GRAVITY X SY INSITOR) X LG SKYSCRAPER**NEW** KWS FowlmereHARD FEED **MEDIUM VSR**

KWS Fowlmere is a high-yielding hard feed winter wheat variety that performed well in Agrii trials this year (105% treated, 81% untreated). It has also performed well in AHDB trials (106% treated, 88% untreated) and has very bold grain (79.8 kg/hl). Its most notable trait is its earliness (-2), making it the earliest-maturing winter wheat on the current Recommended List. Early indications suggest that it is suitable for export under ukp.

It performs consistently across regions with limited evidence that it performs better in the North (108%). It performs across soil types, including lighter soils, and early indications suggest that it is best grown as a first wheat in spite of it having a good eyespot resistance score (6). It is a fast-developing variety and is best suited to October and later drilling due to its moderate disease resistance and stem strength. KWS Fowlmere is tall but it responds well to growth regulators (91 cm treated, 83 cm untreated). In spite of this, lodging is pretty average (7 -pgr, 6 +pgr) so avoid very fertile land and apply a robust pgr programme.

Disease resistance is only moderate with mildew (5 RL), yellow rust (5 RL, 4 Agrii), brown rust (5 RL, 6 Agrii), Septoria tritici (6 RL, 5 Agrii) and Fusarium ear blight (7). As a consequence it is a high input-high output variety. It carries resistance to orange wheat blossom midge.

**BREEDER:** KWS UK**PARENTAGE:** KWS EXTASE X KWS W340



# Graham

HARD FEED **LOW VSR**

Graham remains one of Agrii's biggest selling hard feed wheats, and while its disease resistance is not what it once was, it continues to perform consistently well on-farm and in trials (RL 102% treated, 86% untreated; **Agrii, 102% treated, 72% untreated**) and it produces a nice bold grain (77.6 kg/hl).



More suited for East and West regions with yield performance falling away in the North. It can be grown on heavy and lighter soil types, but it should always be grown as a first wheat as its second wheat performance is relatively poor. Graham can be sown across the drilling window. It has a relatively slow speed of development in the autumn and is ideal for early drilling, yet it moves relatively quickly in the spring. It has a very prostrate autumn growth habit with medium to high tillering capacity so seed rates can be reduced. Agrii late sowing trials show that it continues to yield well through to the end of January. Average competitiveness against grassweeds. Average straw height and decently stiff straw, treated (RL 8; **Agrii7**) and untreated (RL 7; **Agrii 6**). Early to mature (-1).

Disease ratings remain good for mildew (RL 6; **Agrii 7**) but both Septoria tritici (RL 6; **Agrii 6**) and yellow rust resistance (RL 8; **Agrii 5**) have started to decline. Brown rust has always been weak (RL 5; **Agrii3**) together with eyespot (4) and stem-base diseases. Not resistant to orange blossom midge.

**BREEDER:** SYNGENTA PARTICIPATIONS AG

**PARENTAGE:** EXPERT X PREMIO

# Champion

HARD FEED **LOW VSR**

A very high yielding hard feed wheat in Agrii trials (107% treated, 77% untreated) and sits towards the top of the UK Recommended List and will continue to attract a significant share of the wheat market. However, it has a very average specific weight (75.6 kg/hl) compared with varieties like Graham and KWS Dawsum and last season its resistance to yellow rust declined significantly.



Champion is most suitable for the East and West regions, performs well across all soil types and is a good second wheat. It is not suitable for regions of high sterility risk and not recommended in Scotland. The straw is average height (89 cm) and rather weak, (RL 7; **Agrii 4**) treated, (RL 6; **Agrii 4**) untreated, so a robust PGR programme is recommended. Later drilling, the second wheat position and lighter soils can be used to mitigate against the lodging risk. It is relatively early to mature (RL 0; **Agrii +1**).

It disease resistance is now very average with mildew (RL 5; **Agrii 5**), yellow rust (RL 4; **Agrii 2**), Septoria tritici (RL 7; **Agrii 6**), and brown rust (RL 5; **Agrii 4**). It appears to be moderately susceptible to eyespot (4) and stem-based diseases. Reasonable resistance to fusarium ear blight (5.7) and resistant to orange wheat blossom midge.

**BREEDER:** DSV UK

**PARENTAGE:** DSV20122 X REFLECTION



## Fitzroy

HARD FEED **LOW VSR**

A non-Recommended List variety that has grown in popularity over the past four five years. This hard feed variety continues to perform strongly in Agrii trials with consistently high yields (**105% treated, 89% untreated**). Grain quality is average with specific weight 76.0 kg/hl.

Suitable across the UK excluding areas of high sterility risk and attracting particular interest in the West due to its excellent Septoria tritici resistance. Unsuitable for early drilling and it should be drilled in the main drilling window up until the end of October. Suitable for all soil types including light land but best grown as a first wheat. Relatively tall (**94 cm**) with average stem stiffness (**6 treated, 5 untreated**), so it requires a robust PGR programme. Average competitiveness against grass-weeds and late to mature (**+5**).

A good set of disease scores with mildew (**6**) yellow rust (**6**), brown rust (**5**) and Septoria tritici (**7**). It appears to be susceptible to fusarium ear blight and stem base diseases.

It is not resistant to orange wheat blossom midge.

**BREEDER:** SECOBRA, FRANCE

**PARENTAGE:** EVOLUTION X STIGG

## KWS Dawsum

HARD FEED **LOW VSR**



Continues to be one of Agrii's big selling varieties due to its consistent high yields (**101% treated, 82% untreated**) and very bold grain (79.6 kg/hl). While it is a mostly grown as a hard feed wheat it may be accepted into some low-grade flour blends by some millers.

Suitable for growing across the UK including areas of high sterility risk. It can be grown on heavy and light soils and it has a wide drilling window from mid-September through to the end of January. It has a relatively slow speed of development in the spring which is particularly apparent when grown alongside faster developing varieties like Bamford or KWS Extase. An acceptable second wheat choice with relatively poor competitiveness against grassweeds. It is a high tillering variety of medium height (**85 cm**) and average straw strength both treated (**RL 7; Agrii 6**) and untreated (**RL 8; Agrii 5**) so a robust PGR programme is advisable. It shows medium-late maturity (**RL +1; Agrii +2**).

While mildew resistance remains good (**RL 7; Agrii 7**), other disease scores have declined over the past year with yellow rust (**RL 5; Agrii 4**), brown rust (**RL 7; Agrii 5**) and Septoria tritici (**RL 6; Agrii 5**) all slipping. Moderately resistant to fusarium ear blight (**6.8**), average eyespot resistance (**5**) and moderately susceptible to stem-base diseases. Not resistant to orange wheat blossom midge.

**BREEDER:** KWS UK

**PARENTAGE:** KWS KERRIN X COSTELLO



# LG Beowulf



HARD FEED **LOW VSR**

Suitable for drilling across the UK but is best grown as a first wheat and on heavier soils. It has a wide drilling window from mid-September through to the end of January. A high tillering variety that is of moderate height (90 cm) and reasonably stiff straw both treated (RL 7; **Agrii 7**) and untreated (RL 8; **Agrii 6**). It shows mid-late maturity (RL +2; **Agrii +3**).

A modest set of disease scores at best with mildew (RL 5; **Agrii 4**), yellow rust (RL 4; **Agrii 3**), Septoria tritici (RL 6; **Agrii 6**) and brown rust (RL 5; **Agrii 3**). Moderately resistant to fusarium ear blight (6) and eyespot (6) but moderately susceptible to stem-base diseases. Resistant to orange wheat blossom midge.

**BREEDER:** LIMAGRAIN UK

**PARENTAGE:** COSTELLO X GLEAM

# LG Typhoon



HARD FEED **LOW VSR**

Suitable for all regions and adaptable across heavy and light soils. Drill from mid-September through to the end of October. It has performed well in the second wheat slot but has relatively low competitiveness against grassweeds. Moderate height (87 cm) and average strength straw both treated (RL 7; **Agrii 6**) and untreated (RL 8; **Agrii 5**), and medium-late maturity (+2). It has a lower HFN and higher sprouting risk (5).

A reasonable set of disease scores for mildew (RL 6; **Agrii 5**) and Septoria tritici (RL 7; **Agrii 7**) and fusarium ear blight (5) but weaker against brown rust (RL 6; **Agrii 5**) and yellow rust (RL 5; **Agrii 4**). Resistant to orange wheat blossom midge.

**BREEDER:** LIMAGRAIN UK

**PARENTAGE:** GARRUS X LGW88





# Oxford

HARD FEED **LOW VSR**

Oxford shares the same parents as Champion and has similar high yields (103% treated, 77% untreated) but an improved specific weight (76.0 kg/hl) and stiffer straw. Best grown in the East and West regions on heavy soil and drilled before the end of December. Average height (86 cm) and stiffness (6 treated, 5 untreated) and slightly later to mature than Champion (+1). Acceptable second wheat performance but susceptible to stem-base diseases so these need to be controlled.

Disease resistance is similar to Champion with mildew (5), yellow rust (2), Septoria tritici (5) and brown rust (5). Resistant to orange wheat blossom midge.

**BREEDER:** DSV UK

**PARENTAGE:** DSV20122 X REFLECTION

# SY Insitor

HARD FEED **LOW VSR**

Remains a popular variety because of its suitability for late drilling, second wheat and light land situations. Suitable for all regions and soil types and can be drilled from the end of September through to the end of January. Straw is tall (95 cm) and relatively weak, treated (RL 7; **Agrii 5**) and untreated (RL 6; **Agrii 3**) so a decent PGR programme is essential. Medium maturity (RL+1; **Agrii +2**).

Yellow rust resistance is effectively broken (RL 4; **Agrii 3**), so too brown rust (RL 5; **Agrii 3**) but it retains reasonable mildew (RL 6; **Agrii 6**) and Septoria tritici (RL 7; **Agrii 7**) resistance. It is very susceptible to stem-base diseases so these need to be controlled, especially in a second wheat situations. Resistant to orange wheat blossom midge.

**BREEDER:** SYNGENTA PARTICIPATIONS AG

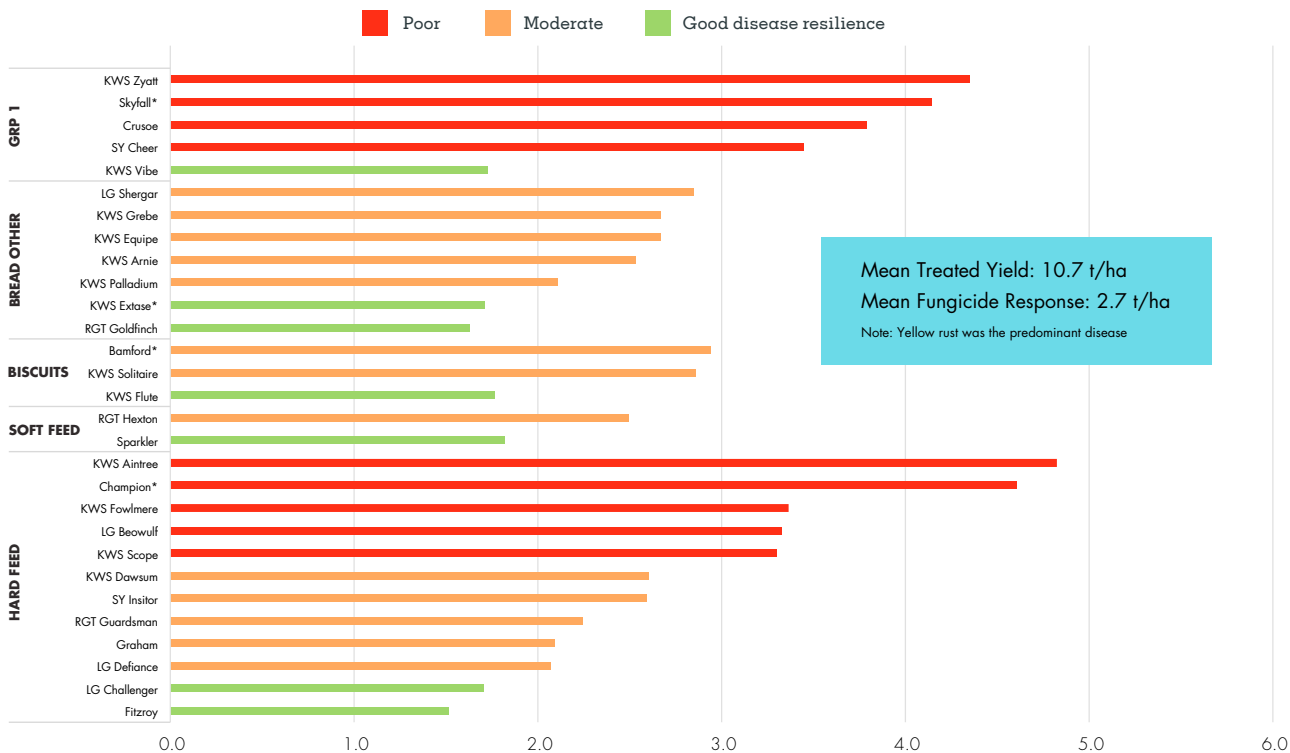
**PARENTAGE:** (HEREFORD X OAKLEY) X HEREFORD





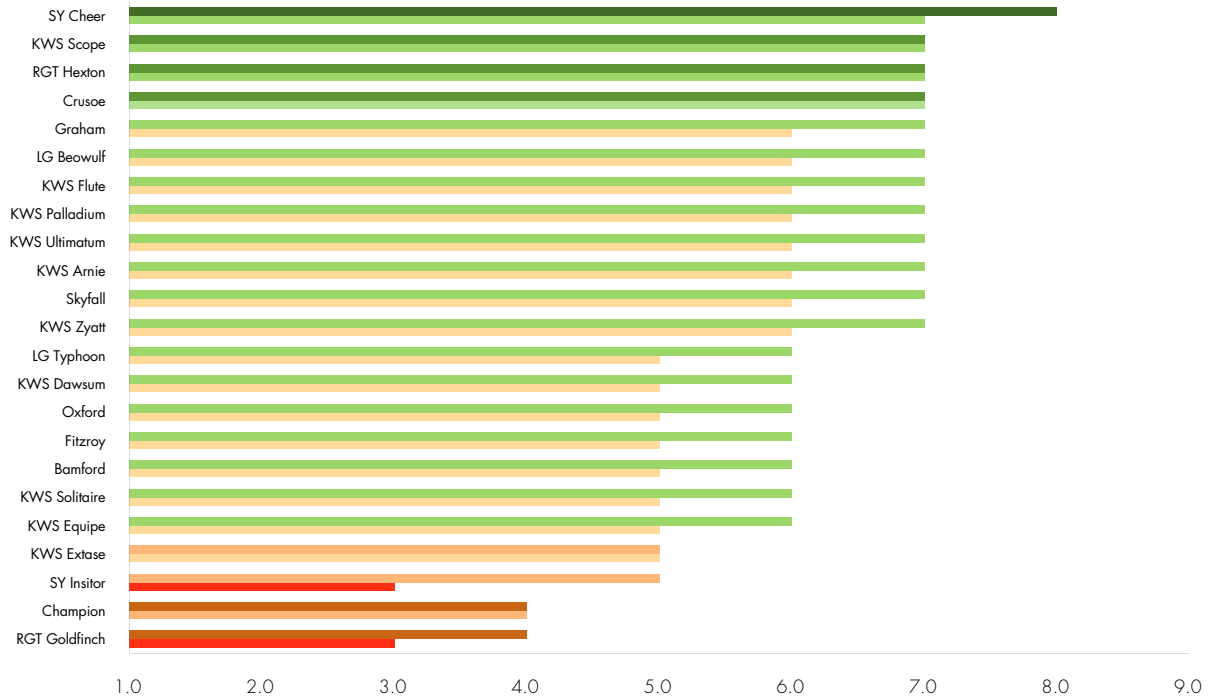
## Winter Wheat Disease Resilience (2025)

Yield Lost to Foliar Disease (t/ha) - Four Sites






# Winter Wheat Treated and Untreated Lodging Ratings

Lodging Ratings (1-9 score where 9 = best)





WINTER WHEAT NPKS PLAN						
TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
1st Dose	 <b>Agrii-Start Replenish</b>	350	60	40	79	39
2nd Dose	 <b>Agrii-Start Enhance</b>	150	69	0	0	0
3rd Dose	 <b>Agrii-Start Enhance</b>	150	69	0	0	0
<b>Total kgs/ha</b>			<b>198</b>	<b>40</b>	<b>79</b>	<b>39</b>






### Agrii-Start Replenish

Developed specifically for use across all cereals to fulfil nitrogen, phosphorus, potassium and sulphur requirements in one pass.



### Agrii-Start Enhance

Enhance is powered by Nutrisphere-N which stabilises the nitrogen and reduces the risks from volatilisation, leaching and nitrification.

WINTER WHEAT NKS PLAN						
TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
1st Dose	 <b>Agrii-Start Nourish</b>	345	60	0	81	50
2nd Dose	 <b>Agrii-Start Enhance</b>	150	69	0	0	0
3rd Dose	 <b>Agrii-Start Enhance</b>	150	69	0	0	0
<b>Total kgs/ha</b>			<b>198</b>	<b>0</b>	<b>81</b>	<b>50</b>



### Agrii-Start Nourish

Agrii-Start Nourish NKS+ is a size matched formulation designed for broadcast systems up to 36m compared with other fertiliser combinations.

Nutrient rates are for guidance purposes only. For more info on nutrition, please speak to your local fertiliser product manager or email [info@agrii.co.uk](mailto:info@agrii.co.uk).



### Agrii-Start Liquid-Safe

A urease and nitrogen stabiliser for liquid fertiliser, Liquid-Safe enables you to increase yield while benefitting soil biology.

### Thinking of changing to liquid fertiliser?

The Agrii-Liquid range offers solutions to suit your individual crop and soil requirements. Speak to our experienced staff for more information.

<https://www.agrii.co.uk/contact/>

### WINTER WHEAT NPKS PLAN

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st Dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	350	64	15	32	17
2nd Dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	350	64	15	32	17
3rd Dose	<b>Nitroflo 24N 7.5SO<sub>3</sub></b>	200	61	0	0	19
<b>Total kgs/ha</b>			<b>189</b>	<b>30</b>	<b>64</b>	<b>53</b>

### WINTER WHEAT NKS PLAN

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st Dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	370	71	0	36	18
2nd Dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	370	71	0	36	18
3rd Dose	<b>Nitroflo 24N 7.5SO<sub>3</sub></b>	200	61	0	0	19
<b>Total kgs/ha</b>			<b>203</b>	<b>0</b>	<b>72</b>	<b>55</b>

\*Sulphur % may change slightly with each grade.

# Late Autumn & Spring Wheat



Delaying drilling is one of the most important ways of reducing the competition from grassweeds and remains an important time to establish cereals after later harvest crops like potatoes, sugar beet and maize.

The varieties can then be ranked in order of yield based on a minimum of eight trials over five years, drilled mid-November to late January (\*six trials only).

**YIELD**

KWS Extase

LG Beowulf

SY Instor

Champion

KWS Arnie

KWS Dawsum

Bamford

KWS Alicium (SW)

KWS Ladum (SW)

Skyfall

Varieties such as **Skyfall**, **KWS Extase**, **KWS Arnie** and **Bamford** may offer additional premium opportunities.

**Skyfall** has the benefit of a longer drilling window through to early March and appears to be less susceptible to ergot than true spring wheats.

**Spring wheats** can also be drilled in late autumn. Trials over the past three years suggest that these can yield at the level of true winter types. There is also evidence to suggest that they are best suited to heavier soils and their yields can drop away quickly on lighter or drought-prone soils.



## KWS Alicium

GROUP 2, BREAD

A high yielding spring wheat (**104% treated**), high HFN and bold grain (**80.1 kg/hl**). It has good gluten quality. It is a relatively early maturing variety (-2) with no major weakness in disease resistance with mildew (8), yellow rust (7), brown rust (6), Septoria (6) and resistant to orange wheat blossom midge. It has average straw strength (3%).

**BREEDER:** KWS UK

**PARENTAGE:** KWS 13-21 X ASTRID

## KWS Harsum

UKFM GROUP 1, BREAD

A high yielding (**101% treated**) variety for spring drilling with high HFN, good specific weight and reasonable protein (**12.8%**). Accepted by the millers with good consistent gluten strength and good baking performance. Similar height to Mulika (**79 cm**), slightly stiffer (**1% Vs 4% lodging**) but slightly later(+1). Good resistance to yellow rust (7) and mildew (7) but weaker against brown rust (5). Resistant to orange wheat blossom midge.

**BREEDER:** KWS UK

**PARENTAGE:** KWS SYWELL X KWS SCIROCCO

## KWS Ladum

UKFM GROUP 1, BREAD

Slightly lower yielding (**98%**) but reasonable specific weight (**78.1kg/hl**) and will eventually be superseded by KWS Harsum . Similar in other respects to KWS Harsum in terms of straw and disease resistance but it is not resistant to orange wheat blossom midge.

**BREEDER:** KWS UK

**PARENTAGE:** KWS SYWELL X KWS TALLAND

## Mulika

UKFM GROUP 1, BREAD

Group 1 spring milling wheat with a lower-than-average yield (**93%**). It produces tall straw (**78 cm**) and a full PGR programme is advisable especially on fertile land. Good disease resistance with Septoria tritici (6), brown rust (6), mildew (7) and yellow rust (6). Resistant to orange wheat blossom midge.

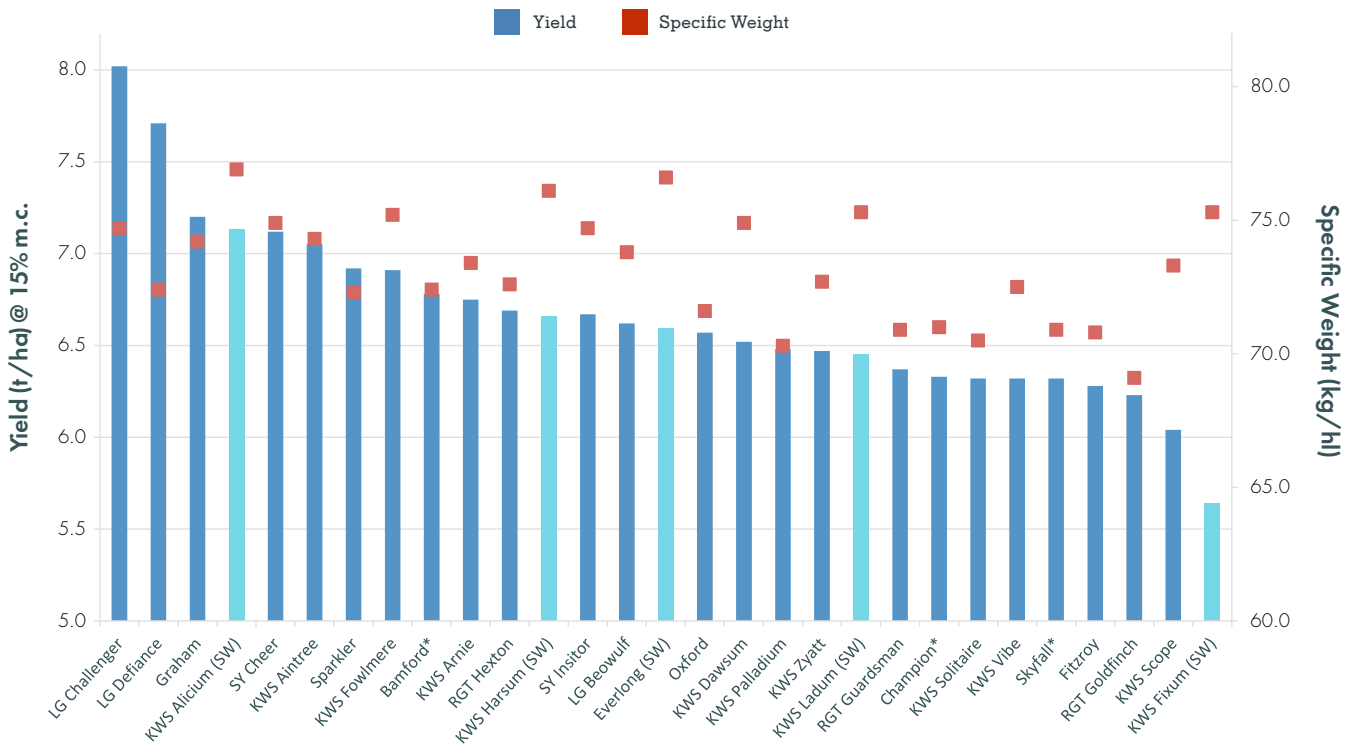
**BREEDER:** BLACKMAN AGRICULTURE (UK)

**UK AGENT** SENOVA

**PARENTAGE:** PARAGON X (TYBALT X ROBIGUS)



## Late Autumn Drilled Winter and Spring Wheat



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 **Nuello® iN**

# WINTER BARLEY

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## 2-ROW FEED

LG Caravelle

KWS Tardis

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## 2-ROW MALTING

Craft

Buccaneer

**NEW** Vessel

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## HYBRID BARLEY 6-ROW FEED

SY Quantock

Inys

SY Kingsbarn

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## BARLEY YELLOW DWARF VIRUS (BYDV) TOLERANT VARIETY

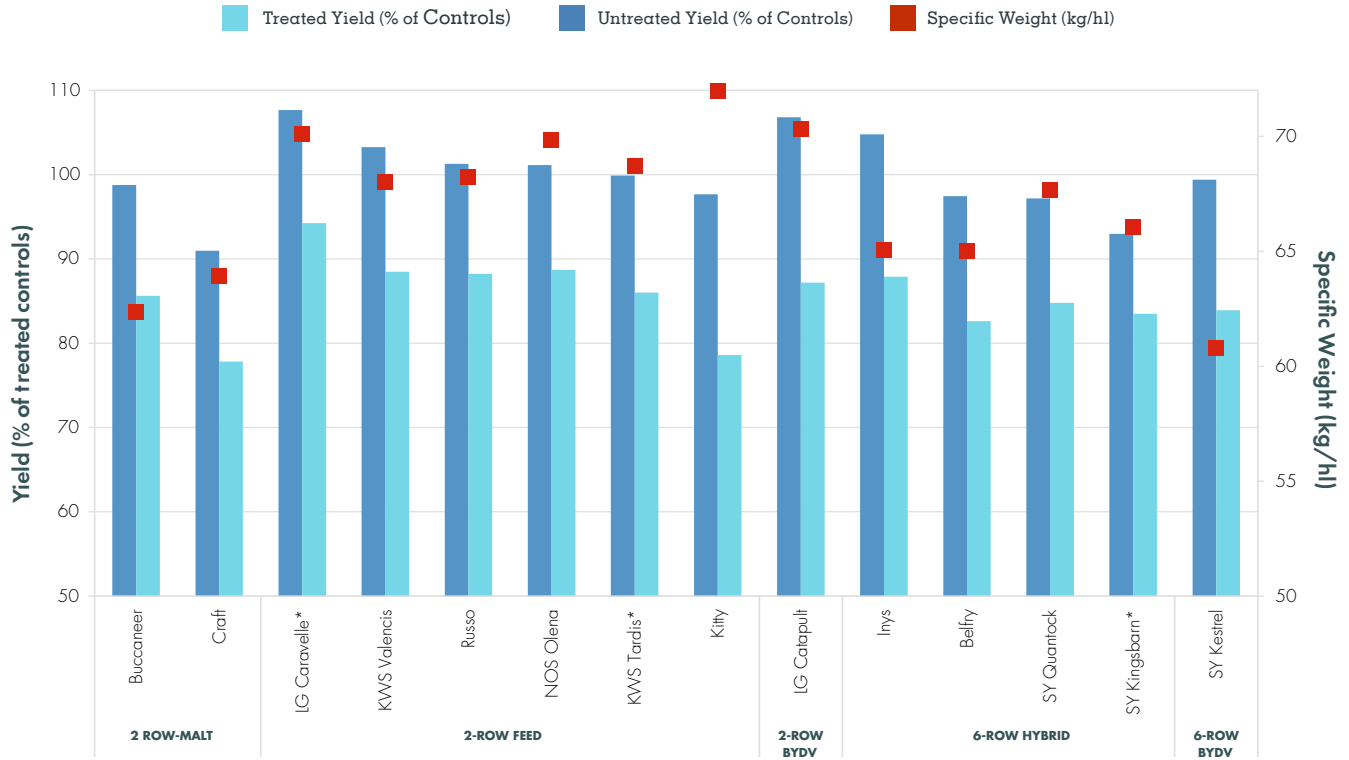
**NEW** LG Catapult

SY Kestrel

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# Winter Barley National and Regional Variety Trials - 2025 Summary



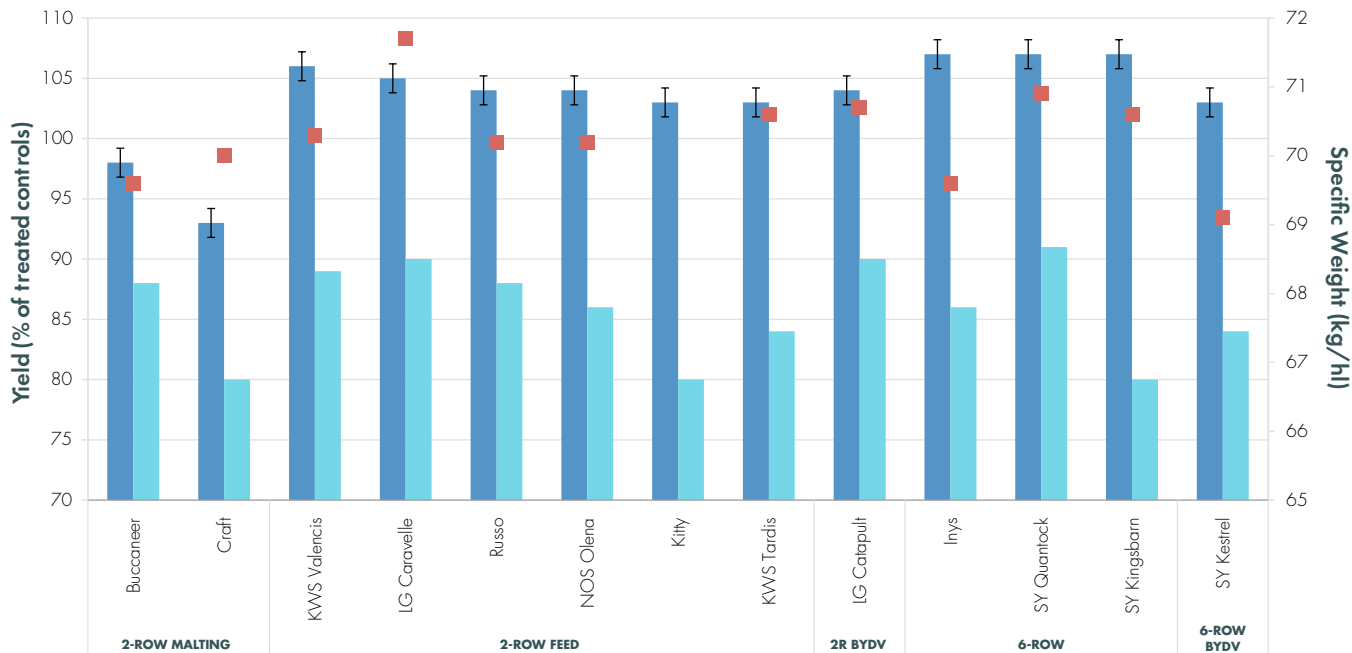
Source: Mean of five trials (Essex, Cambs, East Yorks, Angus and Cornwall). Mean yield of controls\* = 9.0 t/ha



# Winter Barley Recommended List, UK 2026-27

Treated and Untreated Yield and Specific Weight

LSD 5% = 2.4%



Source: UK Recommended List 2026-27, Mean yield of controls\* = 9.8 t/ha.  
[www.ahdb.org.uk](http://www.ahdb.org.uk) (full data set available from the website)



## LG Caravelle

2-ROW FEED **HIGH VSR**



The UK's market leading variety with very high yields (105% treated, 90% Untreated) and bold grain (71.7 kg/hl) on the UK Recommended List. It has also shown similar strong performance in Agrii trials (104% treated, 84% untreated) over the past three years. It has set a high bar for yields and disease resistance but its straw needs managing.

Consistent across all soils and regions with particularly strong performance in the East (107%). Good performance on all soils especially heavy land (107%). Agronomically, it is sound with an average height (86 cm treated, 93 cm untreated), reasonably stiff straw treated (8) untreated (7), medium lodging risk in Agrii trials but moderately resistant to brackling (9). It shows medium maturity (0).

Disease resistance is very encouraging with mildew (RL 7; Agrii 7), brown rust (RL 7; Agrii 7), Rhynchosporium (RL 6; Agrii 6) and net blotch (RL 6; Agrii 6). Resistant to barley mild mosaic and yellow mosaic virus (strain 1).

**BREEDER:** LIMAGRAIN UK  
**PARENTAGE:** KWS MOSELLE X LGBU11-6103-C

## KWS Tardis

2-ROW FEED **MEDIUM VSR**



KWS Tardis remains a significant variety in the UK and the second most widely grown. It is liked by growers for its consistently high yields in Agrii trials (100% treated, 79% untreated), reasonable specific weight (70.6 kg/hl) and very stiff straw. Suitable for all regions and soils with particularly strong performance on heavy soils (105%) in official trials.

Relatively tall straw (86 cm treated, 95 cm untreated), stiff straw (8 treated, 8 untreated) and good brackling resistance. Like most 2-row varieties, KWS Tardis has shown relatively poor grassweed competitiveness in Stow Longa trials. Medium-early maturity in Agrii trials.

Average disease resistance against mildew (RL 5; Agrii 4), Rhynchosporium (RL 6; Agrii 7), net blotch (RL 5; Agrii 6) and brown rust (RL 6; Agrii 4). Resistant to barley mild mosaic and yellow mosaic virus (strain 1).

**BREEDER:** KWS UK  
**PARENTAGE:** 11-12 X KWS ORWELL

# Craft

2-ROW MALTING **LOW VSR**



Craft remains the UK's number one winter malting barley with over 48% share of the total UK winter malting barley market. Performs consistently in Agrii trials with high yields (**92% treated, 74% untreated**), average specific weight (63.9.7 kg/hl). Liked by the UK maltsters for its relatively high malt extract (308 l deg/kg) and low grain nitrogen (1.67%).

Performs well across all regions and on all soil types. Moderately tall (**91 cm treated, 99 cm untreated**) with medium risk of lodging (**8 untreated, 8 treated**), moderately resistant to brackling and medium maturity (0).

Reasonable disease resistance against mildew (**RL 6; Agrii 6**), brown rust (**RL 8; Agrii 6**), Rhynchosporium (**RL 6; Agrii 5**) but net blotch resistance is weak (**RL 5; Agrii 3**) so this needs to be monitored. Resistant to barley mild mosaic and yellow mosaic virus (**strain 1**).

**BREEDER:** SYNGENTA PARTICIPATIONS AG  
**PARENTAGE:** SY 208-56 X SY VENTURE

# Buccaneer

2-ROW MALTING **MEDIUM VSR**



Added to the UK Recommended List in 2023 and fully approved for brewing since 2024. It shows a step up in both treated (97%) and untreated yields (78%) compared with Craft and brings with it a significantly improved agronomic package. Average specific weight (69.6 kg/ha), similar low nitrogen and hot water extract to Craft and slightly lower screening losses.

Performs well across soil types including heavier soils (**99%**). It has given its best relative performance in the East region and on heavier soils. Moderately tall (**92 cm treated, 97 cm untreated**) with medium risk of lodging (**7 untreated, 7 treated**) and medium maturity (1). Agrii trials suggest that it has good resistance against brackling.

Good disease resistance package against mildew (**RL 6; Agrii 6**), brown rust (**RL 8; Agrii 7**), Rhynchosporium (**RL 6; Agrii 6**) and net blotch (**RL 5; Agrii 5**) so a significant improvement over Craft. Resistant to barley mild mosaic and yellow mosaic virus (**strain 1**).

**BREEDER:** SEJET (DK)  
**UK AGENT:** ELSOMS  
**PARENTAGE:** ZOPHIA X SJ 128225


**NEW** Vessel

## 2-ROW MALTING

The only non-GN winter malting barley commercially available on the UK market. The special quality of SY Vessel makes it unique in the winter malting sector being the only winter type offering malt distilling potential alongside that of brewing.

Historically, winter malting varieties only offered suitability for brewing, leaving the important malt distilling market completely reliant on the spring barley crop as the only source of malt. By offering malt distilling quality from a winter type, SY Vessel provides additional marketing options for growers and helps to reduce the risks associated with relying solely on spring barley, benefiting growers and end users alike.

**BREEDER:** SYNGENTA PARTICIPATIONS AG

## SY Quantock

 HYBRID BARLEY, 6-ROW FEED **MEDIUM VSR**


SY Quantock was introduced into the Agrii portfolio last year with high yields (**100% treated (81% untreated)**) which reflects its good all-round disease resistance. It has become the successor of SY Kingsbarn with higher yields, improved disease resistance and slightly stiffer straw. It has performed in a similar way in AHDB trials (107% treated, 91% untreated) and has a relatively high specific weight (71.0 kg/hl).

Consistent performance across soil types with strongest performance in the west (108%) and north (107%). Tall straw (113 cm untreated, 106 cm treated) with reasonable stem stiffness (7 treated, 7 untreated) and, like SY Kingsbarn, it is susceptible to brackling. Very competitive against grassweeds and early maturity (-1).

Good disease resistance against mildew (RL 7; **Agrii 6**), Rhynchosporium (RL 7), brown rust (RL 7; **Agrii 6**) and slightly weaker on net blotch (RL 5; **Agrii 5**). Resistant to barley mild mosaic and yellow mosaic virus (strain 1).

**BREEDER:** SYNGENTA CROP PROTECTION

**UK AGENT:** SYNGENTA UK

# RANCONA<sup>®</sup> i-MIX

MICRO-EMULSION FUNGICIDE SEED TREATMENT

## BEST IN CLASS

- Protects against seed and soil-borne diseases in wheat and barley
- Reduces ergot germination
- Controls loose smut
- Unique micro-emulsion formulation for low dust and a safer working environment



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**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 2024.

**NEW** InysHYBRID BARLEY, 6-ROW FEED **HIGH VSR**

Inys has become the successor to Belfry with significantly higher yields, a similarly good disease profile and lodging resistance. It has given high yields in Agrii trials over the past three years (105% treated, 82% untreated) and sits at near the top of the UK Recommended List for six-row varieties (107% treated, 86% untreated). It has an average specific weight (69.6 kg/hl) and relatively low screening losses. It is the first hybrid to be marketed by KWS.

Consistent performance across light (108%) and heavy soils (108%) with its most consistent performance in the East and North. Very competitive against grassweeds. Tall straw (113 cm untreated, 106 cm treated). Stem stiffness is good (7 treated, 8 untreated) with lower lodging risk and moderately resistant to brackling. Medium-early maturity (-1).

Good disease resistance against mildew (RL 7; **Agrii 6**), Rhynchosporium (RL 6; **Agrii 7**) and slightly weaker on net blotch (RL 5; **Agrii 5**) and brown rust (RL 6; **Agrii 5**). Resistant to barley mild mosaic virus and yellow mosaic virus (strain 1).

**BREEDER:** SYNGENTA CROP PROTECTION**AGENT:** KWS UK

## SY Kingsbarn

HYBRID BARLEY, 6-ROW FEED **MEDIUM VSR**

SY Kingsbarn has been a very popular hybrid across the UK but has become outclassed in both yield (98% treated, 74% untreated) and disease resistance. It has been popular due to its low screening losses and a high specific weight (70.6 kg/hl). It continues to be used on lower potential sites, lighter soils, anaerobic digestion, and for situations where grassweeds are a problem.

Very stable performance across all regions and soil types. Best drilled from late September through to mid-October. Very competitive against grassweeds. Tall straw (115 cm untreated, 106 cm treated). Stem stiffness is on the lower side (6 treated, 6 untreated) with a higher risk of lodging compared with SY Quantock even with a robust PGR programme. Medium-early maturity (0).

Good disease resistance against mildew (RL 7; **Agrii 6**), Rhynchosporium (RL 6; **Agrii 7**) but weaker against brown rust (RL 5; **Agrii 4**) and net blotch (RL 5; **Agrii 5**) than newer hybrids. Resistant to barley mild mosaic and yellow mosaic virus (strain 1).

**BREEDER:** SYNGENTA PARTICIPATIONS AG**AGENT:** SYNGENTA UK

**NEW LG Catapult**

 2-ROW FEED WITH BYDV **MEDIUM VSR**


LG Catapult is the first 2-row feed variety with BYDV tolerance on the UK Recommended List. It will be significant interest to growers in high-risk areas as it has similar yields to LG Caravelle, the market leader, and to hybrids with the BYDV tolerance trait. It has produced very high yields in both Agrii trials (**107% treated, 87% untreated**) and AHDB trials (**104% treated, 90% untreated**) with a reasonable specific weight but relatively high screening losses.

LG Catapult is suitable for all regions and soil types with its best performance on heavier soils. It produces relatively tall straw but responds well to growth regulators (92 cm untreated, 84 cm treated). It shows only moderate stem stiffness (6 treated), and average brackling resistance (13%). Official trials suggest that it has similar maturity to LG Caravelle but Agrii trials suggest that it is slightly later.

It has a good all-round disease package with rating for Rhynchosporium (RL 6; **Agrii 6**), net blotch (6), mildew (RL 6; **Agrii 6**) and brown rust (RL 7; **Agrii 6**). The good disease scores are reflected in high untreated yields (RL 90%; **Agrii 87%**). It is also tolerant to barley mosaic virus (strain 1).

<b>BREEDER:</b>	LIMAGRAIN UK
<b>PARENTAGE:</b>	(LGBU16-6532 X LGBU16-7071-A) X KWS TARDIS

**SY Kestrel**

 6-ROW FEED WITH BYDV **HIGH VSR**


SY Kestrel was introduced two years ago as a BYDV tolerant hybrid with broad spectrum activity against the RPV, PAV and MAV strains of the virus. It sits at 103% treated, 84% untreated with a relatively low specific weight (69.1 kg/hl) and screening losses. It yielded at the SY Kingsbarn-level in Agrii trials over the past two years (**99% treated, 73% untreated**).

SY Kestrel shows good straw characteristics with good stem stiffness (7 treated, 8 untreated), medium lodging risk and moderate resistance to brackling. It has average straw height compared with other hybrids (106 cm treated, 115 cm untreated) and medium-early maturity (-1).

It has a good all-round disease package which is especially useful for September sowing in the south with ratings for Rhynchosporium (RL 7; **Agrii 7**), net blotch (RL 6; **Agrii 6**), mildew (RL 7; **Agrii 7**) but weaker against brown rust (RL 6; **Agrii 4**). The good disease scores are reflected in high untreated yields (84%). In addition to BYDV tolerance, SY Kestrel also offers tolerance to wheat dwarf virus, which is becoming an increasing threat.

<b>BREEDER:</b>	SYNGENTA CROP PROTECTION
<b>AGENT:</b>	SYNGENTA UK

**Agrii**™

**dLL** financial solutions  
partner

# FINANCE

In association with **DLL\***

## AVAILABLE FOR:

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**ANIMAL HEALTH**

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**Agrii Finance Team**

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- + Flexible input financing to suit your cashflow
- + Independent of grain transactions
- + Choose the best inputs without constraints
- + Competitive fixed rates & fast decisions
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Credit is subject to status and credit acceptance. All applicants must be 18 or over and credit is for business purposes only. Agrii is a trading name of Masstock Arable (UK) Limited who are authorised and regulated by FCA (FRN 710790). We are remunerated annually, by DLL, in the form of a volume rebate payment. The payment does not vary based on the Finance scheme you choose to take. Registered postcode: GL54 4LZ.

WINTER BARLEY NPKS PLAN						
TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
1st Dose	<b>Agrii-Start Replenish</b>	350	60	40	79	39
2nd Dose	<b>Agrii-Start Enhance</b>	195	90	0	0	0
<b>Total kgs/ha</b>			150	40	79	39

WINTER BARLEY NKS PLAN						
TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
1st Dose	<b>Agrii-Start Nourish</b>	345	60	0	81	50
2nd Dose	<b>Agrii-Start Enhance</b>	195	90	0	0	0
<b>Total kgs/ha</b>			150	0	81	50



### Agrii-Start Replenish

Developed specifically for use across all cereals to fulfil nitrogen, phosphorus, potassium and sulphur requirements in one pass.



### Agrii-Start Enhance

Enhance is powered by Nutrisphere-N which stabilises the nitrogen and reduces the risks from volatilisation, leaching and nitrification.



### Agrii-Start Nourish

Agrii-Start Nourish NKS+ is a size matched formulation designed for broadcast systems up to 36m compared with other fertiliser combinations.

Nutrient rates are for guidance purposes only. For more info on nutrition, please speak to your local fertiliser product manager or email [info@agrii.co.uk](mailto:info@agrii.co.uk).



### Agrii-Start Liqui-Safe

A urease and nitrogen stabiliser for liquid fertiliser, Liqui-Safe enables you to increase yield while benefitting soil biology.

### Thinking of changing to liquid fertiliser?

The Agrii-Liquid range offers solutions to suit your individual crop and soil requirements. Speak to our experienced staff for more information.

<https://www.agrii.co.uk/contact/>

### WINTER BARLEY NPKS PLAN

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st Dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	400	73	17	37	20
2nd Dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	400	73	17	37	20
<b>Total kgs/ha</b>			146	34	74	40

### WINTER BARLEY NKS PLAN

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st Dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	390	75	0	37	19
2nd Dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	390	75	0	37	19
<b>Total kgs/ha</b>			150	0	74	38

\*Sulphur % may change slightly with each grade.

# HYBRID RYE

Agrii offers an extensive understanding of rye production throughout the UK. Whether rye is being grown as wholecrop for AD or indeed for grain for livestock production, we are able to supply growers with unrivalled expertise when it comes to maximising returns from their rye crops.



**This knowledge and technical advice comes directly from the intensive trials and screening programmes that Agrii carries out every year.**

With sites throughout the UK, Agrii has been able to produce best practice recommendations for both variety choice and crop management.

### Growing rye within a rotation can offer several benefits...

- + An alternative to winter barley
- + Offers a good blackgrass control option
- + A more economical alternative to second wheat
- + Reduced fertiliser, herbicide and fungicide requirements
- + Drought tolerance
- + + 2 tonnes of straw per hectare when compared to wheat
- + High tillering ability
- + Very competitive against grassweeds

## SU Karlsson

- + Proven variety throughout the UK
- + Incredible overall yields
- + Unrivalled vigour throughout the Autumn and Spring
- + Very strong standing power
- + Increased Methane Yields
- + Suitable for Wholecrop or Grain

**BREEDER:** SAATEN UNION



**EARLY  
RYE SEED  
AVAILABLE**

## Astranos

- + Suitable for both wholecrop and grain production
- + Identified as a successor or partner to Helltop within Agrii trials
- + Significant following throughout Europe
- + Equal vigour to Helltop throughout the autumn and spring
- + Very stiff straw with good rust resistance
- + Produces significant levels of high quality biomass

**BREEDER:** NORDIC SEED, DENMARK

# Agrii's Seed Rate Calculator

Use the Agrii Seed Rate Calculator to help you plan your seed requirements and establishment goals.



Scan the QR Code  
to learn more



**Agrii-Start  
Liqui-Safe**

A urease and nitrogen stabiliser for liquid fertiliser, Liqui-Safe enables you to increase yield while benefitting soil biology.


**Thinking of changing to  
liquid fertiliser?**

The Agrii-Liquid range offers solutions to suit your individual crop and soil requirements. Speak to our experienced staff for more information.

<https://www.agrii.co.uk/contact/>

**HYBRID RYE NPKS PLAN**

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	300	55	13	27	15
2nd dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	300	55	13	27	15
<b>Total kgs/ha</b>			110	26	54	30

**HYBRID RYE NKS PLAN**

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	300	58	0	29	14
2nd dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	300	58	0	29	14
<b>Total kgs/ha</b>			116	0	58	28

\*Sulphur % may change slightly with each grade.



# WINTER OATS

**Oats are a white straw break crop and as such can be used as a common Take-all break. They are adaptable and can tolerate soil pH down to 5.3.**

Current best practice is to not grow oats more than one year in four to reduce the potential incidence of oat mosaic virus and stem eelworm.

To obtain maximum value of the crop, growing on a milling contract is crucial.

Please talk with your local Agrii or Bunge UK Ltd representative about availability of milling oat contracts.



## Mascani

Still one of the market leading varieties driven by the end users. Mascani has decent standing ability and acceptable maturity (0). Disease resistance is one of the most robust of the winter oat options. Mascani has a good specific weight and the best kernel content, which is reflected in its performance as one of the preferred milling oat varieties.

<b>BREEDER:</b>	INSTITUTE OF BIOLOGICAL, ENVIRONMENTAL AND RURAL SCIENCES
<b>UK AGENT:</b>	SENOVA

## Cromwell

Cromwell is one of the higher yielding winter oats with the best specific weight and kernel content less than 0.5% behind Mascani. It has short, stiff straw and is less prone to lodging than other varieties. Disease resistance is generally good, although Mildew resistance is on the lower side. Cromwell is widely accepted by end users because of its good grain quality.

<b>BREEDER:</b>	INSTITUTE OF BIOLOGICAL, ENVIRONMENTAL AND RURAL SCIENCES
<b>UK AGENT:</b>	SENOVA

## GB Seeds

*seeds of excellence*

**GB Seeds is the specialist grain marketing division of Agrii, specialising in working with added value crops and grain.**

- ✦ GB Seeds works with a wide range of end users supplying specialist seeds and grains, enabling growers to diversify their cropping in a fast changing environment and allowing growers to capture both economic and environmental benefit.
- ✦ GB Seeds offers a range of buy-back opportunities – please get in touch for more information.
- ✦ The GB Seeds team is working hard to bring innovation crops to market – find out more at [www.gbseeds.co.uk](http://www.gbseeds.co.uk).

**For more information, please get in touch with your usual Agrii contact, or with GB Seeds direct, on 01284 729200 or at [info@gbseeds.co.uk](mailto:info@gbseeds.co.uk).**



# Benefits of Naked Winter Oats

**Naked oats have the same agronomic benefits as husked oats. However, naked oats naturally thresh free from the husk during harvest, producing a nutrient dense natural groat with high digestible energy.**

In comparison to spring naked oats, an established winter crop is more tolerant of spring droughts and has the potential to produce greater yields.

Our naked oats are grown on an exclusive buy-back contract and marketed through our **Superioats** brand with **GB Seeds**.



## Peloton

Peloton is a standard height winter naked oat, higher yielding than Fusion. The specific weight is bold and has low screenings with the grain hitting good specifications. The disease resistance of Peloton is robust and early to mature (0). Consistent performance and good agronomics make Peloton a sound choice for Naked Oat growers.

<b>BREEDER:</b>	INSTITUTE OF BIOLOGICAL, ENVIRONMENTAL AND RURAL SCIENCES
<b>UK AGENT:</b>	SENOVA

# Tramlines Podcast

Tramlines is the only farming podcast that delivers advice to growers on how to improve environmental performance and maximise farm profitability.

By tuning into Tramlines, you will benefit from listening to episodes that feature experts and experienced farmers, who share valuable information on best practices, new techniques, and the latest research in agriculture. Join the experts bi-weekly as they address common problems and solutions and stay up-to-date with the latest developments. With CPD points up for grabs on certain episodes, topics range from digital innovations to soil health and the discussions are supported by Agrii's extensive trials programme and environmental work.



## Top 3 Episodes!



1. Wheat That Works: Hexton and the Value of Variety Investment





2. Keep the Faith in OSR



3. Maize Under Pressure – Building Resilience into the System

**Follow** on your favourite podcast platform  
**or listen at:** [www.agrii.co.uk/tramlines-podcast/](http://www.agrii.co.uk/tramlines-podcast/)





WINTER OATS NPKS PLAN						
TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
1st Dose	 <b>Agrii-Start Replenish</b>	350	60	51	99	48
2nd Dose	 <b>Agrii-Start Enhance</b>	87	40	0	0	0
<b>Total kgs/ha</b>			100	51	99	48



Developed specifically for use across all cereals to fulfil nitrogen, phosphorus, potassium and sulphur requirements in one pass.



Enhance is powered by Nutrisphere-N which stabilises the nitrogen and reduces the risks from volatilisation, leaching and nitrification.

WINTER OATS NKS PLAN						
TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
1st Dose	 <b>Agrii-Start Nourish</b>	340	60	0	80	49
2nd Dose	 <b>Agrii-Start Enhance</b>	87	40	0	0	0
<b>Total kgs/ha</b>			100	0	80	49



Agrii-Start Nourish NKS+ is a size matched formulation designed for broadcast systems up to 36m compared with other fertiliser combinations.

Nutrient rates are for guidance purposes only. For more info on nutrition, please speak to your local fertiliser product manager or email [info@agrii.co.uk](mailto:info@agrii.co.uk).



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A urease and nitrogen stabiliser for liquid fertiliser, Liqui-Safe enables you to increase yield while benefitting soil biology.

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<https://www.agrii.co.uk/contact/>

### WINTER OATS NPKS PLAN

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st Dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	300	55	13	27	15
2nd Dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	300	55	13	27	15
<b>Total kgs/ha</b>			110	26	54	30

### WINTER OATS NKS PLAN

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st Dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	300	58	0	29	14
2nd Dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	300	58	0	29	14
<b>Total kgs/ha</b>			116	0	58	28

\*Sulphur % may change slightly with each grade.

**MasterSeeds™**

The Seeds to Grow your Farming Business

# WINTER OILSEED RAPE

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## HYBRID

**NEW** KWS Domingos

**NEW** DK Exedge

Vegas

Maverick

LG Adapt

LG Auckland

RGT Kanzzas

DK Exsteel

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## CLEARFIELD

Matrix CL

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## CLUBROOT RESISTANT

Crusoe

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## HOLL

V367OL

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## CONVENTIONAL

Pi Pinnacle

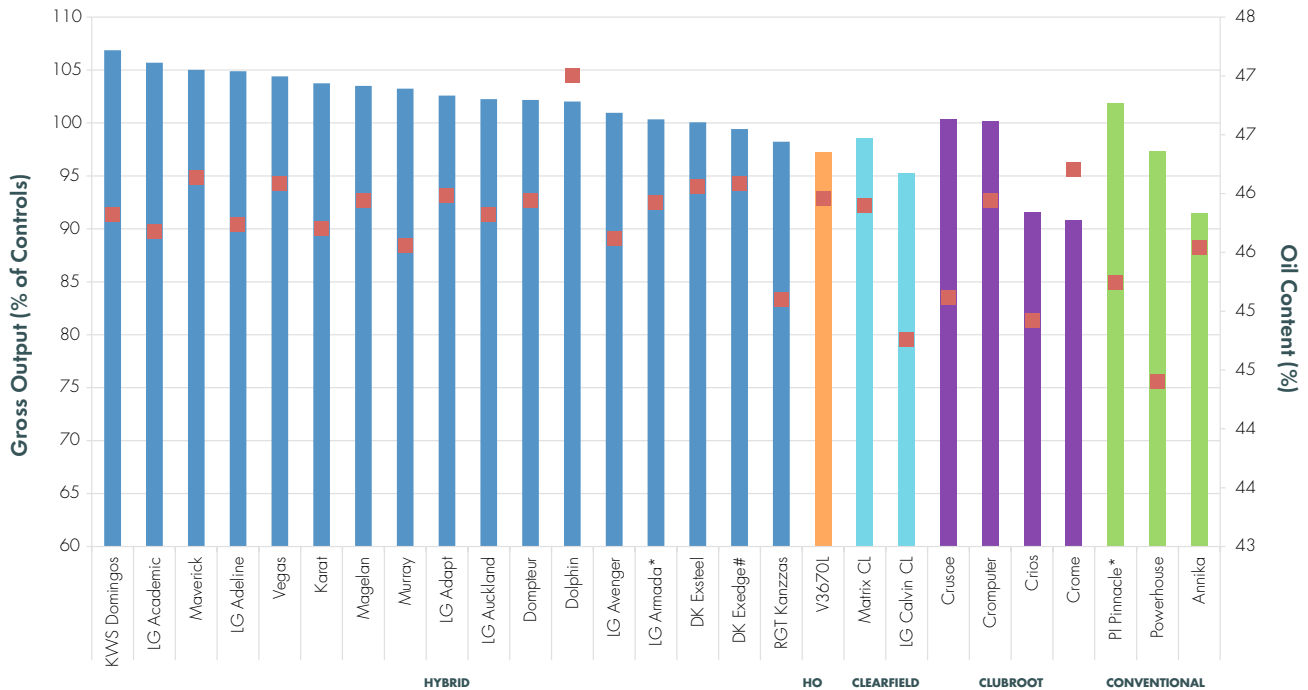
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# Agrii WOSR Varieties 2025 National Trials

Gross Output as % of Controls (Mean of 5 sites)

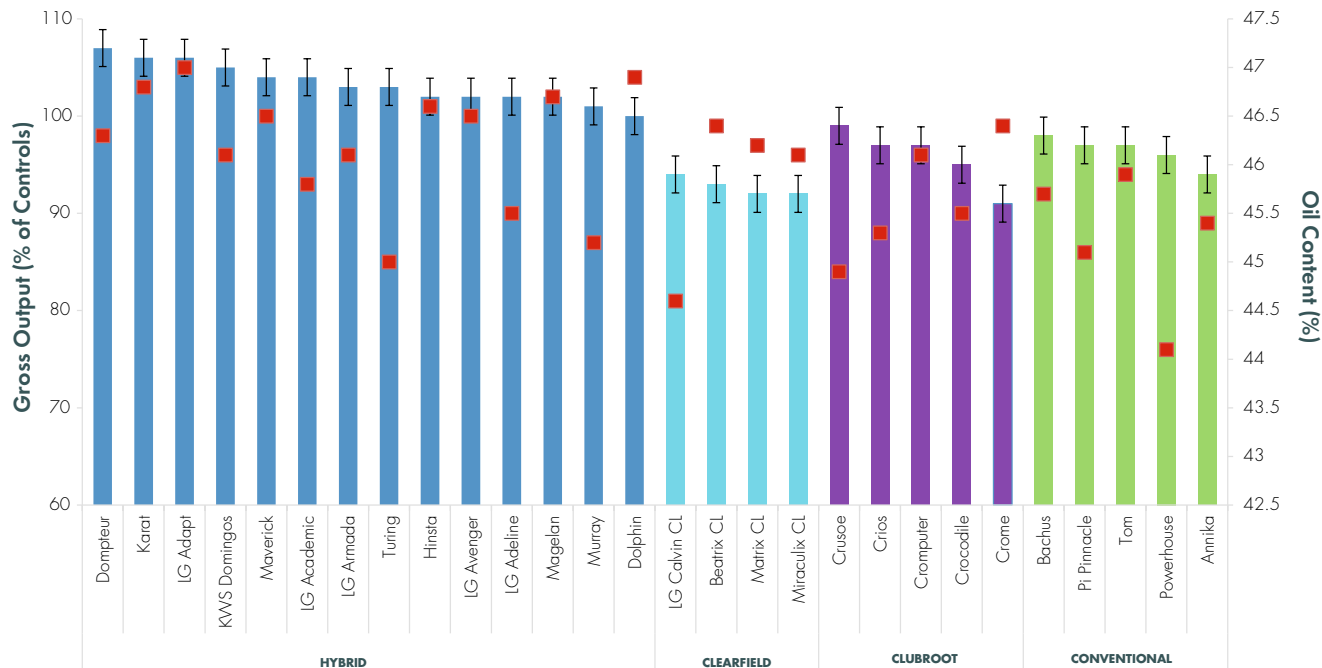
■ Gross output as % of Controls   ■ % Oil Content   #= Not added to RL





# AHDB Winter OSR Recommended List, UK, 2026-27

UK Gross Output as % of Controls and Oil Content



Source: UK Recommended List 2026-27, Mean yield of controls\* = 9.8 t/ha  
www.ahdb.org.uk (full data set available from the website)



## Vegas

HYBRID OILSEED RAPE – UK-WIDE **VERY HIGH VSR**

- + A high gross output hybrid
- + Excellent disease profile especially against Verticillium stem stripe



Agrii's third biggest selling variety last year after being introduced three years ago. It continues to perform well in trials (101% treated, 93% untreated, 46.1% oil) and on-farm in spite of it coming off the UK Recommended List. It has performed at the top-level of not having the TuYV resistance or pod shatter resistance. This can be attributed to its excellent disease profile and late-season stem health.

Suitable for all soils and regions of the UK. Vegas has a fast speed of development in the autumn (8) and moderately vigorous in the spring (7). Vegas produces a relatively compact canopy (148 cm), very stiff (RL 8), good lodging resistance (RL 8; **Agrii 9**) and has medium maturity (RL 5; **Agrii 5**).

Disease resistance includes a robust light leaf spot rating (RL 7; **Agrii 7**) and RLMS stem canker resistance (RL 9; **Agrii 8**). Vegas has reasonable tolerance to Verticillium stem stripe (I) with noticeably greener stems compared with many other varieties is where the extra yield comes from and less prone to pod shatter, as a result.

**BREEDER:** NPZ (UK)

## Maverick

HYBRID OILSEED RAPE (TUUV RESISTANT) – E&W  
**VERY HIGH VSR**



- + The first NPZ variety with TuYV resistance
- + Vigorous growth habit and robust disease resistance profile

Introduced to the Agrii portfolio last year as the successor to Vegas with similar high yields in trials (104% treated, 93% untreated) but offers the additional benefit of TuYV resistance which has become an important trait to many growers. The European-wide breeder, NPZ, has come to the fore in recent years with improved disease traits and improved late-season stem health.

Suitable for all soils with its best performance is in the East and West regions of the UK. It has shown good autumn (8) and spring vigour (7) in Agrii trials over the past four years and the ability to withstand CSFB larval attack. Relatively tall (160 cm), stiff canopy (8) and good lodging resistance (RL 8; **Agrii 9**). It had medium maturity (5) (4).

Disease resistance includes a good light leaf spot rating (RL 6; **Agrii 7**), RLMS phoma/stem canker resistance (RL 9). It appears tolerant of Verticillium stem stripe in both AHDB and Agrii trials but does not carry the pod-shatter resistance trait that is liked by some growers.

**BREEDER:** NPZ (UK)

**NEW** **KWS Domingos**

 HYBRID OILSEED RAPE – UK-WIDE **HIGH VSR**


- + The highest yielding variety in Agrii's trials
- + Vigorous autumn and spring growth habit to minimise larval damage

KWS Domingos was the highest yielding variety in Agrii's trials in 2025 (107% treated, 95% untreated) with similar high yields in official trials (105%) and relatively high oils (46.1%).

Suitable for all soil types and recommended across the UK where it has shown consistent yields. Relatively tall (165 cm), stiff canopy (8), and reasonable lodging resistance (RL 8, **Agrii 5**) and relatively early maturity (RL 5; **Agrii 6**). It showed fast development in the autumn (8) and spring (8) which puts it on a par with Agrii's most vigorous types.

It has good all round disease resistance with light leaf spot (RL 7, **Agrii 4** England), RLM7 and RLMS phoma/stem canker (8), moderate late season stem health (6) and intermediate Verticillium stem stripe resistance in official trials. It also carries both the pod shatter or TuVY resistance traits.

**BREEDER:** KWS UK

**NEW** **DK Exedge**

 HYBRID OILSEED RAPE – UK-WIDE **VERY HIGH VSR**

- + The natural successor of DK Exsteel
- + Excellent growth habit and disease resistance profile

DK Exedge narrowly missed UK Recommended Listing based on yield but has one of the best agronomic profiles of any oilseed rape that Agrii has tested. It is expected to replace DK Exsteel, one of Agrii's best-selling varieties for the past seven years.

While it is not the highest yielding variety (RL 101%; **Agrii 99%**) it has the growth habit best suited at minimising CSFB larval damage which remains a significant threat in the East and West region. Relatively short (149 cm), stiff (RL 8; **Agrii 7**), low lodging risk (RL 8; **Agrii 7**) and early to mature (RL 6; **Agrii 7**).

It carries both the RLM7 and RLMS stem canker resistance (RL 8), good light leaf spot resistance (RL 7, **Agrii 6**) and has exceptional late season stem health (9). Like most recent hybrids it also has pod shatter and TuVY resistance, both of which are popular with growers.

**BREEDER:** BAYER CROP SCIENCE

# DK Exedge

**NEW** high-yielding, high-oil hybrid with exceptional environmental resilience and a robust agronomic package

## Key traits



### RAPID AND VIGOROUS

Excellent early vigour and rapid autumn development; for maximum biomass & canopy cover helping plants thrive despite autumn challenges



### EARLY SPRING REGROWTH

Fast early spring regrowth for the most reliable compensation for winter weather and pest damage



### TRIPLE PHOMA RESISTANCE

RLM7 & RLMS supported by polygenic resistance for the most durable phoma/stem canker protection



### STRONG STANDING POWER

A combination of lodging resistance and stem stiffness giving the greatest canopy stability



### POD SHATTER RESISTANCE

Pioneering resistance to pod shattering for the least seed losses & greatest combining flexibility

Agri  
Exclusive



## RGT Kanzzas

HYBRID OILSEED RAPE – EAST & WEST **VERY HIGH VSR**

- + Agrii's most vigorous variety and outstanding light leaf spot resistance
- + Resilient to cabbage stem flea beetle larval damage



RGT Kanzzas did not get on to the AHDB Recommended List but was selected by Agrii for two reasons: its outstanding spring and autumn vigour and light leaf spot resistance. It has an average yield (98% treated, 90% untreated, 45% oil) but it was one of the highest yielding varieties in 2024 on sites suffering extreme CSFB damage as a consequence of its growth habit.

Suitable for all soil types and best grown in the East and West regions. Relatively tall (161 cm) but good lodging resistance (7) and slightly later maturity (4). It is consistently one of the fastest developing varieties in the autumn (8.4) and spring (8.2) which helps it grow away from the worst effects of larval attack, pigeons and poor growing conditions.

The best light leaf spot resistance (8) of any variety available and this is reflected in its high untreated yield. It has average stem canker/phoma resistance (7), and excellent late season stem health. It doesn't carry a breeder claim for either pod shatter or TuVY resistance.

**BREEDER:** RAGT

## DK Exsteel

HYBRID OILSEED RAPE – UK-WIDE **MEDIUM VSR**

- + Agrii's most successful hybrid ever
- + Fast vigorous growth habit in the autumn and spring



One of Agrii's most consistent varieties over the past nine years in spite of not having the TuYV resistance trait and this can be largely attributed to its vigorous growth habit, phoma and pod shatter resistance. Starting to become outclassed and is likely to be superseded by DK Exedge which was introduced last autumn. High gross output (100% treated, 90% untreated), and a high oil content (46.1%).

Suitable for all soils and all regions. It has been proven in Agrii trials to perform across the UK especially in cabbage stem flea beetle affected areas. Consistently one of the most vigorous hybrids in the autumn (8) and quick to move away in the spring (7). Tall (162 cm), reasonable lodging resistance (5) and medium maturity (6).

Average resistance against light leaf spot (5) and RLM7 stem canker resistance (7) and good tolerance to Verticillium stem stripe in Agrii trials. It also carries the pod shatter resistance trait but it is not resistant to Turnip Yellow Virus.

**BREEDER:** BAYER CROP SCIENCE



## LG Adapt

HYBRID OILSEED RAPE (TUUV RESISTANT) – UK-WIDE

**MEDIUM VSR**



- + Very high gross output hybrid
- + Good all-round disease, pod shatter and (TuYV) resistance

The highest yielding 'fully trait-loaded' hybrid from the market leading breeder, Limagrain, and set to succeed Ambassador this autumn. It continues to perform very well in Agrii trial (103% treated, 90% untreated) with a very high oil content (47.0%) and performs at a similar level to LG Auckland.

Very consistent performance across all soils and regions of the UK. Ideal for later drilling with a fast speed of development in the autumn (8) and moderate speed of growth in the spring (6.5). Relatively tall (162 cm), stiff (RL 8; Agrii 6) and reasonable lodging resistance (RL 8; Agrii 6). It has medium maturity (RL 5; Agrii 5).

Disease resistance includes a good light leaf spot rating (RL 7; Agrii 5), average stem canker resistance (RL 5) and intermediate resistance to Verticillium stem stripe and benefits from pod shatter and TuYV genetics.

**BREEDER:**

LIMAGRAIN UK

## LG Auckland

HYBRID OILSEED RAPE (TUUV RESISTANT) – UK-WIDE

**MEDIUM VSR**

- + Consistently high yields and high oil
- + Excellent disease profile with improved Verticillium stem stripe tolerance

Agrii's biggest selling variety in 2025 from Europe's most successful oilseed rape breeder, Limagrain. It continues to deliver consistently high yields (102% treated, 95% untreated) and high oils (45.6%), but, in spite of this, it has come off the UK Recommended List.

Suitable for all soils and regions of the UK for drilling from early-August through to mid-September. It shows moderately high vigour in autumn (7) and spring (6) It has an average height (150 cm) and average stem stiffness (RL 7) and lodging resistance (RL 8; Agrii 5), so a robust PGR programme is advised. Avoid very fertile sites or very early drilling.

It has good light leaf spot (RL 7; Agrii 5) and average phoma resistance (5). There is good evidence from Agrii trials of improved Verticillium stem stripe tolerance compared with Ambassador and other older varieties. It also carries the trait for pod shatter resistance.

**BREEDER:**

LIMAGRAIN UK

## Matrix CL

CLEARFIELD HYBRID OILSEED RAPE WITH TUYV RESISTANCE – EAST & WEST **LOW VSR**

- + The most widely grown Clearfield hybrid in the UK
- + Strong agronomic package including TuYV resistance



Matrix CL was a game-changer when it was introduced in 2022 and soon became the go-to variety for many growers. While the Clearfield system accounts for only about 4% of the market it remains an important tool to control difficult cruciferous weeds. It produces consistently high yields (99% treated, 84% untreated, 45.9% oil). It comes with TuYV and pod shatter resistance, which all contribute to its performance.

Its best performance is in the East and West region, which is the main market for this technology. Suitable for all soil types. Medium height (151 cm), moderately stiff (7) average lodging risk (RL 8; Agrii 5) and early maturity (RL 6; Agrii 8). Like most Clearfield varieties it has an average light leaf spot (RL 5; Agrii 4), average phoma/canker resistance (RL 6) and susceptible Verticillium stem stripe.

**BREEDER:** DSV



## Crusoe

CLUBROOT HYBRID OILSEED RAPE WITH TUYV RESISTANCE – UK-WIDE **MEDIUM VSR**

- + Highest gross output clubroot variety on the UK Recommended List
- + Good all-round agronomy and disease resistance

Introduced two years ago it has quickly become the mainstay of the clubroot area nationally. High yields (100% treated, 84% untreated) and high oils (45.1%) which has been achieved through improved vigour, disease resistance and the adoption of TuYV genetics.

It has a reasonable speed of development in the autumn (8) and grows away quickly in the spring (6). Average height (161 cm), with a stiff canopy (8), lower lodging risk (RL 8; Agrii 7) and medium maturity (RL 5; Agrii 5). Average light leaf spot (RL 6; Agrii 4), phoma/stem canker (6) and moderately resistant to Verticillium stem stripe. It does not carry the pod shatter resistance trait.

**BREEDER:** NPZ UK





## V367OL

HOLL HYBRID OILSEED RAPE – EAST, WEST & YORKSHIRE

**MEDIUM VSR**

- + A HOLL variety for premium food-oil production
- + Improved autumn vigour and good all-round agronomic profile

High Oleic, Low Linolenic (HOLL) oilseed rape varieties produce a more stable oil suitable for high temperature frying. The variety continues to attract a premium for the oil and is used by companies like KFC and McDonalds in their premium frying oils. Experience over the past few years has shown that, while the yields are average, the value of the crop is higher than any other hybrid due to the premium that is paid on top of the oil bonus.

V367OL is the number one HOLL variety in the Agrii portfolio with high gross output (97% treated, 80% untreated), high oils content and good agronomic profile. Its good autumn vigour (8) and speed to grow away in the spring (6) are important characteristics that help it to cope with challenging growing conditions and reduce the effects of cabbage stem flea beetle, pigeons and slugs.

It is moderately tall (151 cm) but with reasonable stem stiffness (6) and medium-early maturity (7). It has average phoma/stem canker resistance (4), below average light leaf spot resistance (3) and carries the pod shatter resistance trait.

**BREEDER:** BAYER CROP SCIENCE

## Pi Pinnacle

CONVENTIONAL OILSEED RAPE – UK **MEDIUM VSR**



- + A high yielding conventional in Agrii and AHDB trials
- + Good all-round agronomic profile

Pi Pinnacle was added to the AHDB Recommended List in 2024 and comes from the independent UK breeder, Mike Pickford. It is the highest yielding conventional variety in Agrii's trials (102% treated, 89% untreated) and the most widely grown. It has shown consistent performance across the UK with its best performance in the north (108%). It has an average oil content (45.1%).

Pi Pinnacle performs across all regions and soil types including more fertile situations. It has a reasonable speed of development in both the autumn (8) but slower in the spring (5) and best suited to earlier drilling. It goes on to produce an average height canopy (158 cm), very stiff (RL 8) and low lodging risk (RL 8; Agrii 8). It has medium maturity (RL 5; Agrii 5).

Reasonable all-round disease resistance with light leaf spot (RL 6; Agrii 7), average phoma resistance (4) and intermediate resistance to Verticillium stem stripe and good late season stem health.

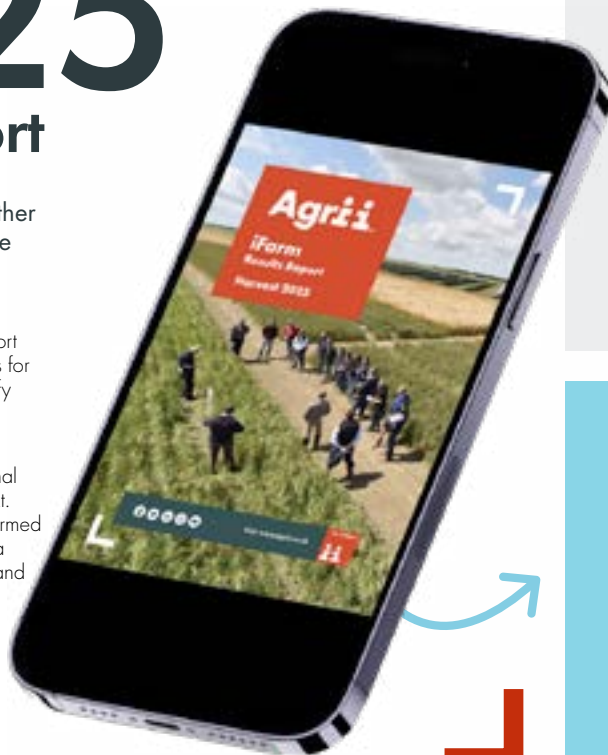
**BREEDER:** NPZ UK

# 2025 iFarm Report

The iFarm report brings together trial results from a wide range of iFarm sites across the UK, grouped into 5 key regions.

Covering over 15 locations, the report includes a clear summary of findings for each site, helping you quickly identify the trials most relevant to your local conditions and challenges.

Alongside regional insights, a national overview provides a broader context. The data is designed to support informed decisions on variety selection, with a focus on managing disease, pests, and lodging risk.



## What's Inside the iFarm Report?

- + Results from 15+ trial sites across the UK
- + Split into 5 easy-to-navigate regions
- + Summary for each site to save you time
- + Includes a national overview for big-picture insights
- + Practical data to guide variety choices and manage disease, pests and lodging

## Download the report

Read the results report and claim CPD points! Details on how to do this is within the report.

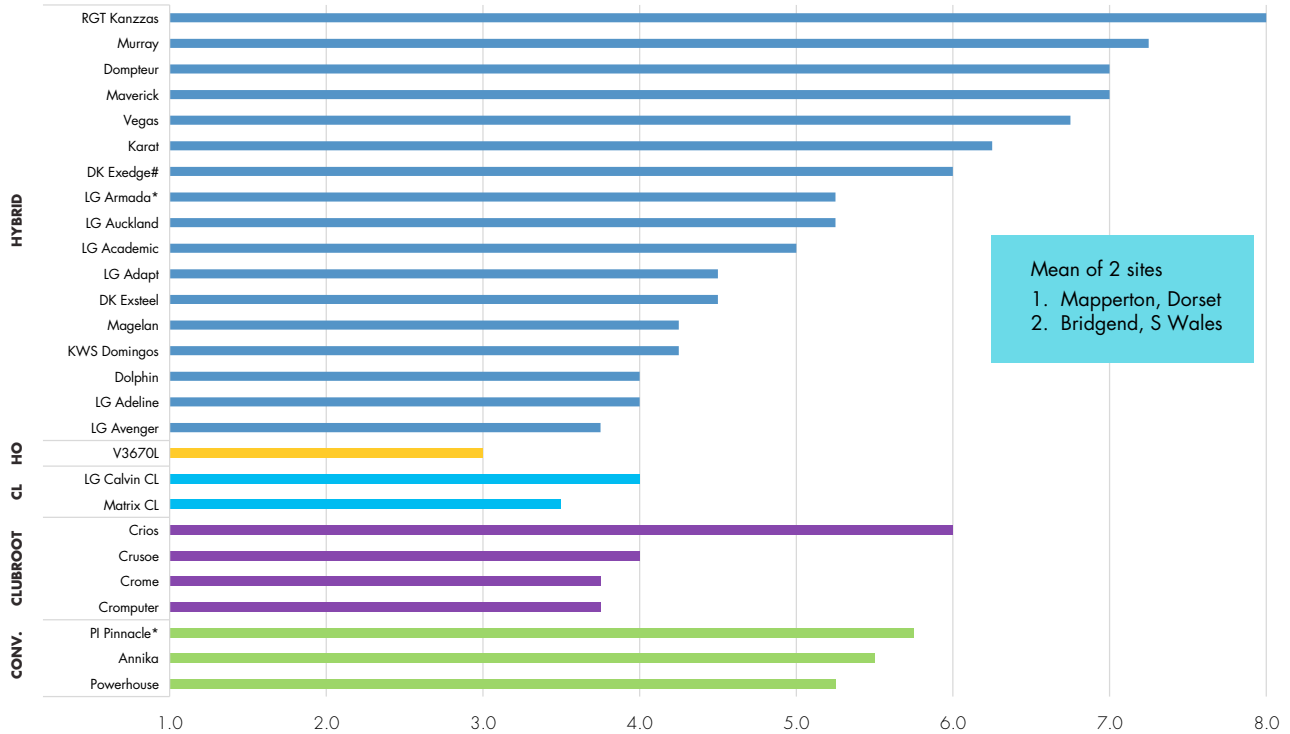


**BASIS**



## Light Leaf Spot, 2025

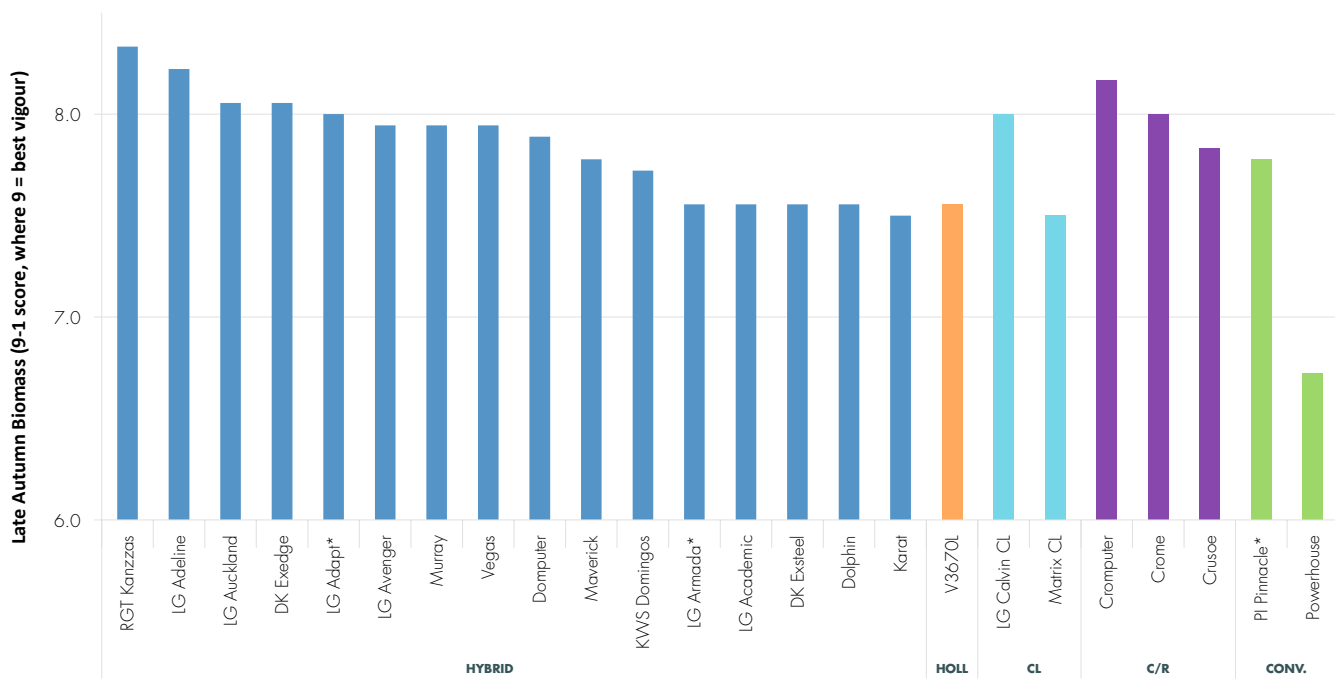
(1-9 score, where 1 is worst)





# Agrii Winter Oilseed Rape Main Variety Trial, 2026

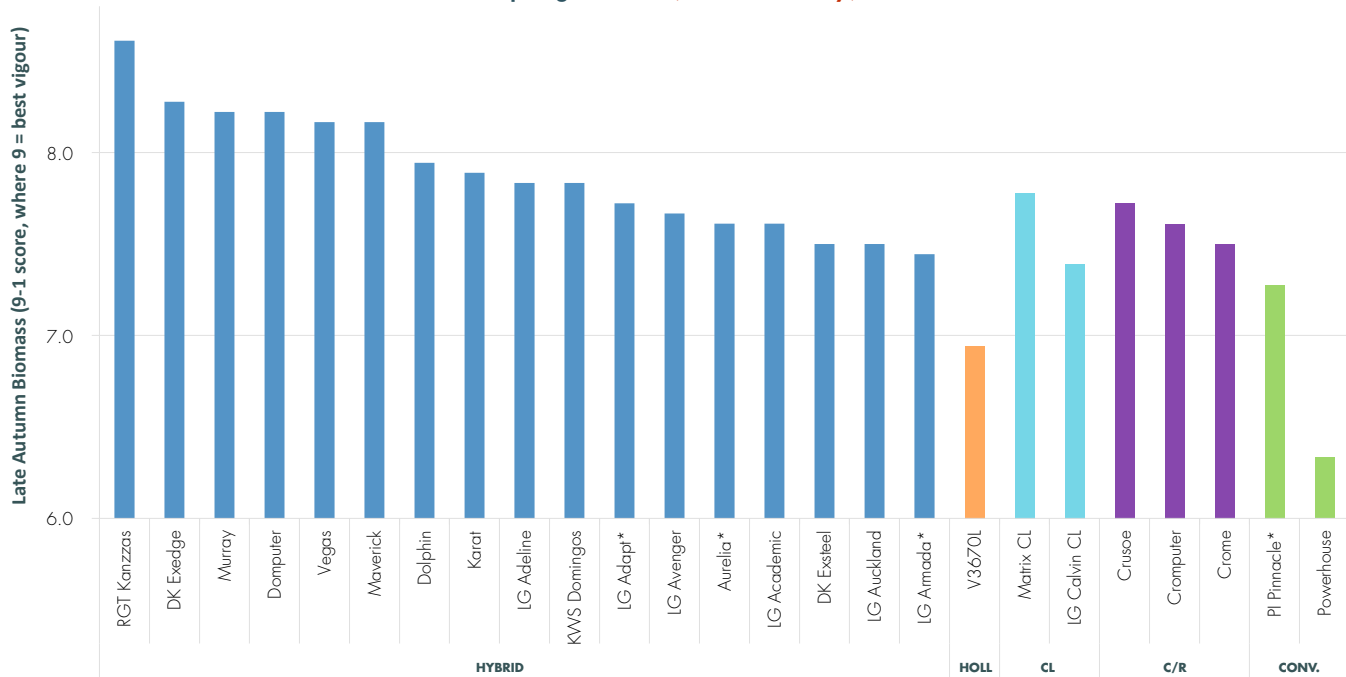
Late Autumn Biomass (3 site summary)





# Agrii Winter Oilseed Rape Main Variety Trial, 2026

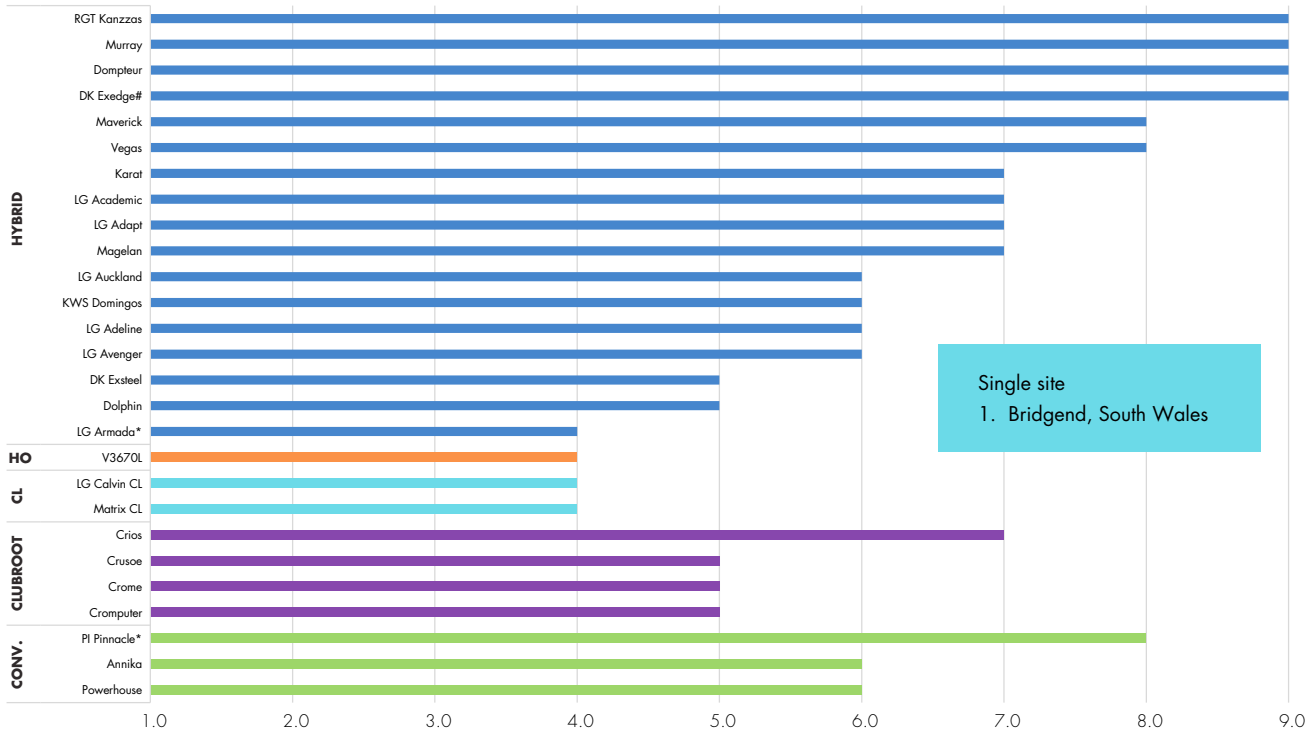
Spring Biomass (2 site summary)








## Late-season Steam Health 2025

(1-9 score, where 9 is best)












**OSR STARTER FERTILISER NPKS PLAN**

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
Seedbed	 <b>Agrii-Start OSR</b>	139	30	40	0	0
Top Dress 1	 <b>Agrii-Start Nourish</b>	250	44	0	59	36
Top Dress 2	 <b>Agrii-Start Enhance NS</b>	290	116	0	0	41
<b>Total kgs/ha</b>			190	40	59	77

**OSR STARTER FERTILISER NPS PLAN**

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
Seedbed	 <b>Agrii-Start OSR</b>	139	30	40	0	0
Top Dress 1	 <b>Agrii-Start Enhance NS</b>	250	83	0	0	75
Top Dress 2	 <b>Agrii-Start Enhance</b>	168	77	0	0	0
<b>Total kgs/ha</b>			190	40	0	75

**OSR STARTER FERTILISER NPS PLAN USING FOLIAR NITROGEN**

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
Seedbed	 <b>Agrii-Start OSR</b>	139	30	40	0	0
Top Dress 1	 <b>Agrii-Start Enhance NS</b>	250	83	0	0	75
Top Dress 2	 <b>Agrii-Start Enhance</b>	168	77	0	0	0
Green Bud	 <b>Efficie-N28-t</b>	20	7	0	0	0
<b>Total kgs/ha</b>			197	40	0	75



**Agrii-Start  
OSR**

This starter fertiliser is designed to supply the correct autumn nutrients for OSR with the addition of boron and Agrii Protected Phosphate (A.P.P) to improve speed of emergence.



**Agrii-Start  
Nourish**

Agrii-Start Nourish NKS+ is a size matched formulation designed for broadcast systems up to 36m.



**Agrii-Start  
Efficie-N28-t  
28% Foliar Nitrogen**

Liquid Foliar Nitrogen Fertiliser. A unique Amide Nitrogen (NH<sub>2</sub>) formulation designed to provide effective crop uptake whilst maximising crop safety.



**Agrii-Start  
Enhance**

Enhance is powered by Nutrisphere-N which stabilises the nitrogen and reduces the risks from volatilisation, leaching and nitrification.



### Agrii-Start Liqui-Safe

A urease and nitrogen stabiliser for liquid fertiliser, Liqui-Safe enables you to increase yield while benefitting soil biology.



**TRIPLEX**  
 NUTRITION DONE  
 DIFFERENTLY

### Triplex

Triplex is a bespoke, field-specific liquid nutrition system that uses soil data to create tailored macro- and micronutrient formulations, improving nutrient efficiency, reducing waste, and supporting sustainable crop production.



### Thinking of changing to liquid fertiliser?

The Agrii-Liquid range offers solutions to suit your individual crop and soil requirements. Speak to our experienced staff for more information.

<https://www.agrii.co.uk/contact/>

#### OSR FERTILISER NPKS PLAN

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	350	64	15	32	17
2nd dose	<b>Multiflo 15-3.5-7.5+4SO<sub>3</sub></b>	350	64	15	32	17
3rd dose	<b>Nitroflo 20N 12.5SO<sub>3</sub></b>	280	70	0	0	44
<b>Total kgs/ha</b>			<b>198</b>	<b>30</b>	<b>64</b>	<b>78</b>

#### OSR FERTILISER NPS PLAN

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub> *
1st dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	370	71	0	36	18
2nd dose	<b>Multiflo 16-0-8+4SO<sub>3</sub></b>	370	71	0	36	18
3rd dose	<b>Nitroflo 20N 12.5SO<sub>3</sub></b>	260	65	0	0	41
<b>Total kgs/ha</b>			<b>207</b>	<b>0</b>	<b>72</b>	<b>77</b>

#### TRIPLEX OSR STARTER FERTILISER

TIMING	APPLICATION	PRODUCT	RATE/HA*	NUTRIENTS KGS/HA	
				N	P
Pre/Post Drill	<b>Field rate</b>	<b>12N12P 5 B Zn + Biostimulant</b>	200	30	30
With Drill	<b>*Placement Rate</b>	<b>12N12P 5 B Zn + Biostimulant</b>	120		
Pre/Post Drill	<b>Field rate</b>	<b>18N 9P 5 B Zn + Biostimulant</b>	135	30	15
With Drill	<b>*Placement Rate</b>	<b>18N 9P 5 B Zn + Biostimulant</b>	80		
<b>Total kgs/ha</b>			<b>60</b>	<b>45</b>	

\*Placement Rates are calculated using the Agrii fertiliser placement calculator and assume 60% area coverage. For specific rates, please speak to your local agronomist or fertiliser specialist. SG may vary by product.

# 8-point Plan for Managing Cabbage Stem Flea Beetle

Over the past twenty years the industry has relied upon seed treatments and foliar insecticides to contain Cabbage Stem Flea Beetle (CSFB) but with their loss and/or reduced performance, cultural techniques are becoming far more important.

The following eight measures should be used together, in an integrated approach, to deliver the best chance of growing a successful crop.

## 1 Consider rotation choices

- + Broaden rotations to 1 year in 5 or more.
- + Consider block cropping to isolate your new crop from old stubbles.
- + Look at sacrificial headlands (e.g. turnip rape) to limit pest movement.
- + Leave rape volunteers in neighbouring fields to act as a diversionary food source.

## 2 Avoid green on brown (adult flea beetle)

- + Drill into tall straw (20 cm), chaff or into green cover.
- + Camouflage the crop and confuse the beetle.

## 3 Moisture not calendar date

- + If there is no moisture it is best to delay drilling.
- + Use minimal soil disturbance to conserve moisture.
- + Early drilled crops cope better with adult damage but carry higher larval numbers.





#### 4 Rapid growing varieties

- + There is no genetic resistance to cabbage stem flea beetle.
- + Select varieties with faster growth rates in autumn and spring.
- + Larger plants are more resilient to the effects of larval infestation.
- + Use normal seed rates as higher seed rates can often be counterproductive.

#### 5 Soil conditions and crop nutrition

- + Check soil conditions are optimal for early growth with adequate levels of macro and micro nutrients, including boron.
- + Apply seedbed nitrogen (30kg/ha) and phosphate (40kg/ha), ideally in bands, to stimulate roots to grow.
- + Use ammonium nitrate, DAP or Agrii-Start OSR, which is specially formulated by Agrii.
- + Alternatively use organic manures like chicken muck or digestate to give the crop an early boost.

#### 6 Companion and nurse cropping

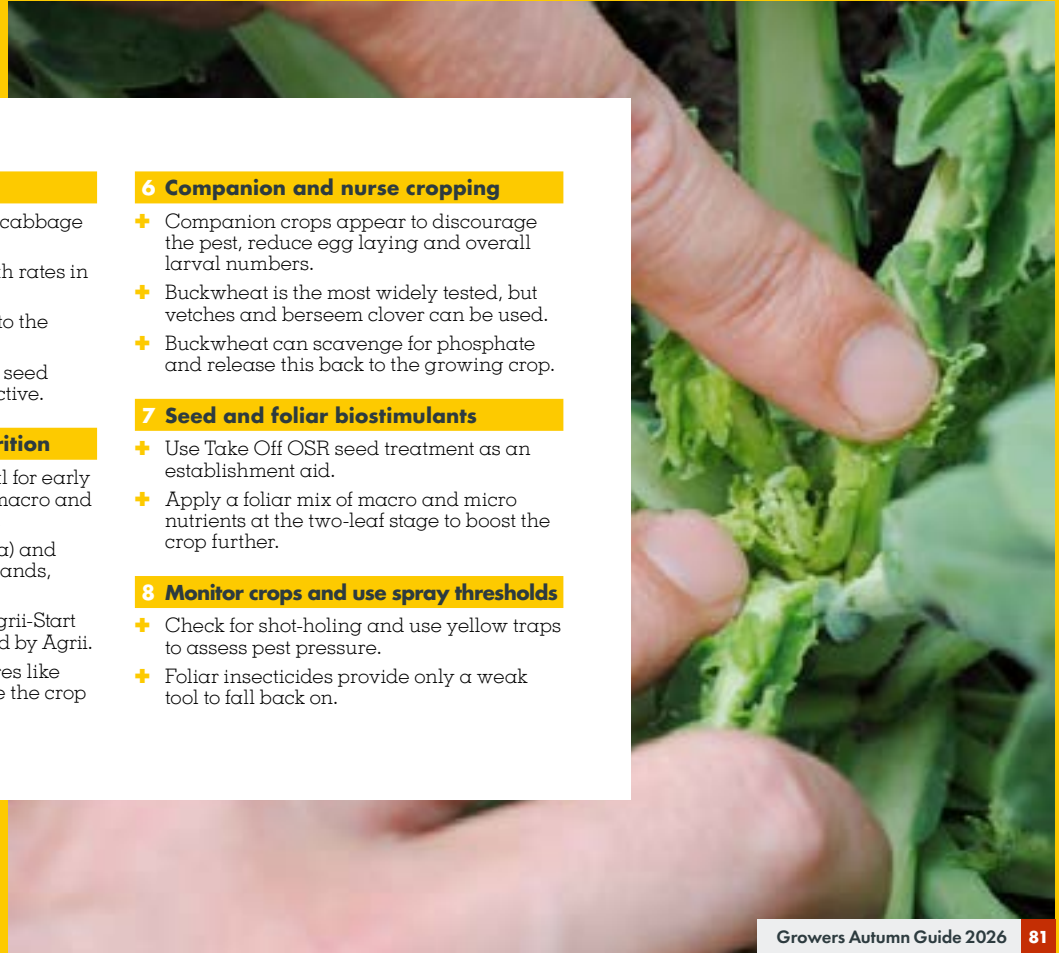
- + Companion crops appear to discourage the pest, reduce egg laying and overall larval numbers.
- + Buckwheat is the most widely tested, but vetches and berseem clover can be used.
- + Buckwheat can scavenge for phosphate and release this back to the growing crop.

#### 7 Seed and foliar biostimulants

- + Use Take Off OSR seed treatment as an establishment aid.
- + Apply a foliar mix of macro and micro nutrients at the two-leaf stage to boost the crop further.

#### 8 Monitor crops and use spray thresholds

- + Check for shot-holing and use yellow traps to assess pest pressure.
- + Foliar insecticides provide only a weak tool to fall back on.



# WINTER BEANS

Winter beans offer a low growing cost compared to OSR and good cultural blackgrass control. Crops will leave good levels of residual nitrogen for the following cereal crop. A wide sowing window offers opportunity to spread the workload.

There are a range of varieties suited to most parts of the country.

Ideally, crops can be sown from mid-October through to December, or if sown in January or February then seed rates should be adjusted upwards to allow for less branching – taking into account the breeder's latest safe sowing recommendations.

If crops are sown to a sufficient depth (around at least 10 cm) to enable good root growth over the winter, then this increases drought tolerance later in the growing season – this is where winter beans will usually perform better than their spring counterparts when under environmental pressure.

Some varieties have reasonable resistance to Ascochyta but other diseases can become an issue such as chocolate spot, rust and in some years, downy mildew.

- + One of the lower risk break crops to grow and with excellent durability
- + Crops can be established using a range of systems, from direct drilling to plough-based and min-till cultivation approaches
- + To aid establishment and early growth via improved root development, use Take Off ST

## Vespa

HIGH YIELDING, STIFF STRAWED VARIETY – TREATED YIELD 105%

- + Vespa is a consistently high yielding variety and is popular with growers.
- + Vespa has average maturity and robust disease resistance, especially against Chocolate Spot
- + Vespa has good seed size, and has strong standing ability at harvest.



**BREEDER:** SENOVA

## Vincent

LARGE SEED SIZE - TREATED YIELD 106%

- + Vincent sits at the top of the 2026 PGRO Descriptive list.
- + It has good disease resistance to Chocolate Spot and excellent Downy Mildew resistance
- + It has a large seed size, which will suit export markets, along with a high protein content.

**BREEDER:** SENOVA

WINTER BEANS OPTIONS								
TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA					
			N	P	K	SO <sub>3</sub>	MgO	CaO
Seedbed	 <b>Agrii-Start PKS+ Pulses Poly</b>	210	0	36	40	40	5	15
Seedbed	 <b>Agrii-Start PKS+ Pulses KR</b>	210	0	36	40	32	16	0

Nutrient rates are for guidance purposes only. For more info on nutrition, please speak to your local fertiliser product manager or email [info@agrii.co.uk](mailto:info@agrii.co.uk).



**Agrii-Start PKS+ Pulses**

Developed by Agrii specifically for use in pulses. Contains Agrii Protected Phosphate (A.P.P) – proven to increase phosphate availability and maximise root growth with chelating activity to free up nutrients from the soil.



**Agrii-Start Release**

A unique soil phosphorus complexing agent. Release can be used where growers are looking to omit or reduce phosphorus in fertiliser applications.



# Farm saving your seed





# The complete service from harvest to drilling

Pre-harvest/harvest management advice and comprehensive seed testing service

Improve the marketability of your crop with our bulk grain cleaning and colour separation service

Timely processing of seed by full-time, experienced and qualified operators

Exclusive seed treatments backed by Agrii's extensive R&D trials programme

Ongoing agronomic advice on drilling date, seed rates and establishment



**THE BENEFITS**

Identify the most suitable fields, crops and varieties for farm saving.

Improve specific weight and remove contaminants such as ergot.

TGW testing at point of processing. Flexibility over quantities and treatments right up to planting.

Technical seed treatments tailored to individual requirements.

Seed on farm for optimum drilling date. Cost saving and improved cash flow at a critical time of year.

**The cost benefit of Agrii's seed treatments:**

Seed Treatment	Yield response (t/ha)	Value of yield response* (£/ha)	Cost at 6 ha per tonne (£/ha)	Net Return/ha after cost (£)	No of trials
Latitude	0.7	112	35.7	76	75
i-Man	0.2	34	9.8	24	72
Vibrance Duo	0.1	23	8.8	14	52
Zax	0.1	22	9.3	13	40
Take Off	0.1	17	8.3	9	116

\*Wheat price/t = £170

See pages 89 & 90 for more information on our comprehensive range of seed treatments.



# Nationwide Service



- |   |  |    |                                     |
|---|--|----|-------------------------------------|
| 1 | <b>Barry Henderson</b><br>07976 953081 | 6  | <b>Jason Fenton</b><br>07970 230374 |
| 2 | <b>David Steel</b><br>07834 905562     | 7  | <b>Mark Taylor</b><br>07836 527251  |
| 3 | <b>Wayne Ford</b><br>07551 156217      | 8  | <b>David Molnar</b><br>07975 655412 |
| 4 | <b>Roy Jefford</b><br>07545 207970     | 9  | <b>Matt Carlton</b><br>07885 253450 |
| 5 | <b>Tom Zealand</b><br>07970 677868     | 10 | <b>Kevin Crouch</b><br>07769 832201 |





Our Farm Saved Seed team answer some of the questions they are most frequently asked when out on farm, processing your seed. Follow the QR code to watch and hear our team answering your questions in person.



### What do I need to have prepared for when you arrive on farm?

1. Seed that's below 16% in moisture.
2. The seed needs to be in a trailer with a chute on it.
3. A forklift and a person to operate it to remove the processed bags.

### How much money can growers expect to save by farm saving their seed?

On average a saving of around £130 per tonne can be made by farm saving your seed.

### What are the benefits of having my farm saved seed processed and treated?

1. Firstly, we're looking to produce a better sample. We do this through sieving and screening to remove the smaller grains and weed seeds and produce a nice bold sample to provide the best start for your crop.
2. It's also important to apply the correct seed treatment. We can apply a base seed treatment for the greatest protection against seed and soil borne diseases. In addition we can offer targeted nutritional and biostimulant treatments to give the crop an extra boost, especially under challenging conditions.

### How do the royalties work with farm saved seed?

Agrii will always show a separate BSPB charge per tonne on the invoice, which is then passed to BSPB twice yearly when audited, with the money then duly passed onto the appropriate breeder. Growers can request to pay BSPB direct. In this case they need to make a declaration to BSPB of each variety and area sown.

There are a few varieties that do not fall under the BSPB scheme, but are instead collected by BIPO. These varieties do not enjoy the same 50% reduction in royalty cost. Growers should be made aware of the collection process and the costs involved at the time of purchasing their certified seed.

### Am I paying for a lower quality product by using farm saved seed?

Generally speaking, this is not the case and can in fact be the opposite. Our farm saved seed team are visiting your farm to dress your seed, so it largely depends on the quality of your seed. However we can use our machines to get the best out of what you've got – dressing it as hard as you like, losing as much small seed as possible and getting the boldest sample possible. So, it can be a case of getting a really high-quality product – designed exactly how you want it and at exactly the grain weight you would like.

### At what speed can you process farm saved seed?

It depends on the quality of the seed, how much we need to take out of it and how many tonnes are being processed. These factors vary, but an average would be 8-10 tonnes/hour.

### I only have a small amount of seed that needs dressing – will you still come out?

No tonnage is too small. It might be the case that you have to wait a while depending on where our machines are, especially in busy periods. However, the simple answer is, if our customers need us, we will be there, and no order is too small.

### Can we use our own bags, or do we need to buy new bags?

We would always recommend going with new bags, ensuring the best quality and following all health and safety requirements. You can use your own bags if they're free of contamination, free of vermin and are in good condition.



# Fungicides and Insecticides

## **Redigo Pro** (Prothioconazole + tebuconazole)

FOR WHEAT, OATS, RYE AND TRITICALE

A basic fungicidal treatment for seed and soil-borne diseases. Widely compatible.

## **Beret Gold** (Fludioxonil)

FOR WHEAT

Another basic fungicidal seed treatment for seed and soil-borne disease control. Widely compatible.

## **Rancona iMix** (Ipconazole + Imazalil)

FOR BARLEY

Rancona is the preferred base treatment for barley as it provides control of seedling blight, loose smut and the highest level of leaf stripe control. It can also be co-applied to boost the activity of Vibrance Duo against loose smut when used in seed production. It is widely compatible with other treatments.

## **Vibrance Duo** (Sedaxane + Fludioxonil)

FOR WHEAT AND BARLEY

Controls the key seed and soil-borne diseases, stimulates root development and above ground biomass. Co-apply with Rancona iMix for full control of loose smut in barley.

## **Latitude** (Siltiofam)

FOR WHEAT AND WINTER BARLEY

The only product available for take-all control in cereals. It typically recovers half of the yield lost to the disease and improves specific weight in many situations. It must be applied with a base treatment to control seed-borne diseases.

## **Integral Pro** (*Bacillus amyloliquefaciens*)

FOR OILSEED RAPE

The standard base-treatment for oilseed rape and the first biological seed treatment that controls common damping-off diseases and stimulates the plant's own natural defences to improve early root and shoot biomass.

## **Signal** (Cypermethrin)

FOR WHEAT AND BARLEY

Signal is the only remaining product for controlling wireworm and reducing the impact of wheat bulb fly and frit fly. Widely compatible with other treatments. The crop must be drilled before the end of January.



# Bio-stimulants and Polymers

## **i-Man** (Manganese)

FOR WHEAT, BARLEY, OATS AND RYE

i-Man applies manganese (Mn) at 450 g/tonne and delivers 20% more Mn than New Manganese Solution. It also contains a unique chelating agent which protects Mn from being locked up by the soil so more is taken up by the plant than with any other formulation.

## **Zax** (Zinc)

FOR WHEAT, BARLEY AND OATS

Zinc is an essential micronutrient. Harvested cereal grain and oat straw remove significant quantities of zinc from the soil. Zax delivers 450 g/tonne of readily available zinc. It has been tested by Agrii for the past nine years and is an exclusive product.

## **Fielder** (Copper)

FOR WHEAT, BARLEY AND OATS

Barley is particularly sensitive to copper deficiency. Fielder Copper provides a readily available source of copper to the emerging seedling, reduces the need for complex foliar tank mixes and it is compatible with other seed treatment products in the Agrii range.

## **Ympact** (Humic and Fulvic Acids and micronutrients)

FOR WHEAT AND BARLEY

Non-chemical biostimulant based on humic and fulvic acid with additional micronutrients (manganese, copper and zinc). Increases the speed of establishment and rooting that improves the crops resilience against abiotic stresses.

## **Take Off ST** (Phosphite + PGA)

FOR CEREALS, PULSES, MAIZE AND OILSEED RAPE

Contains two complementary patented biostimulants; Phosphite to increase root biomass and root hair production, and Pyroglutamic Acid (PGA) to increase carbon fixation and nitrate utilisation. Take Off ST increases early vigour and yield, especially under more challenging conditions. Exclusive to Agrii.

## **Peridiam Active 315**

FOR MAIZE AND PULSES

A seed coating, which improves the physical properties of the treated seeds.

Always handle treated seed with caution and thought for the environment and always wear the appropriate personal protective equipment. Avoid pouring the seed from height and ensure all seed is covered by soil and spillages are cleared away.



# Maize, SFI, EFA, Grass, Roots, Cover and Companion Crops

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## MAIZE

Market-leading technical advice and varieties to suit your needs.

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## SFI & EFA

We offer quality seed mixtures for all the SFI & EFA actions to ensure you are meeting the aims of the scheme.

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## GRASS

A full and comprehensive range of mixtures for all types of farming systems and regions.

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## ROOTS

A wide range of root seeds for additional home-grown winter forage.

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## COVER CROPS

Used correctly as part of your soil management strategy can deliver a range of benefits.

---

## COMPANION CROPS

Growing two or more crops together increases plant diversity and can provide advantages such as improved soil health or protection of the crop from pests.





## Maize

Whether it's the data needed to choose a new maize variety for your system, material suitable for where you're farming within the UK, or practical advice and post-cropping options, we can help.

It's becoming more important than ever that maize crops grown in the UK are reliable, consistent, high performing and sustainable due to the ever-changing seasons and legislation that the industry faces on an annual basis.

Please request a copy of our 2025 Maize Guide for more information or download the digital version by scanning the QR code. Our Maize Guide also contains information on growing maize more sustainably.

## Thinking about cover crops?

Cover crops used correctly as part of your soil management strategy can deliver a range of benefits.



The key element in improving soil health and productivity in the long term, is to increase your soil organic matter content. This is best done by selecting the correct cover crops for your farming operation.

**Discover more on page 99.**





**MAIZE STARTER FERTILISERS**

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
Seedbed	 <b>Maize Kicka</b>	62	11	12	0	17
Top Dress	 <b>Agrii-Start Enhance</b>	300	138	0	0	0
<b>Total kgs/ha</b>			149	12	0	17

**MAIZE STARTER FERTILISER OPTIONS COMBINED WITH LATE FOLIAR NITROGEN**

TIMING	PRODUCT	RATE/HA	NUTRIENTS KGS/HA			
			N	P	K	SO <sub>3</sub>
Seedbed	 <b>Maize Kicka</b>	62	11	12	0	17
Top Dress	 <b>Agrii-Start Enhance</b>	250	115	0	0	0
Late Season N	 <b>Efficie-N28-t</b>	20	7	0	0	0
<b>Total kgs/ha</b>			133	12	0	17

Nutrient rates are for guidance purposes only. For more info on nutrition, please speak to your local fertiliser product manager or email [info@agrii.co.uk](mailto:info@agrii.co.uk).



**Agrii-Start  
Maize Kicka**

A granular compound 2-4 mm which is perfect for accurate placement. Treated with 'Kicka' – Methanoic Zinc Ammoniate to promote root growth and help the plant access nutrients.



**Agrii-Start  
Enhance**

Enhance is powered by Nutrisphere-N which stabilises the nitrogen and reduces the risks from volatilisation, leaching and nitrification.



**Agrii-Start  
Efficie-N28-t  
28% Foliar Nitrogen**

Liquid Foliar Nitrogen Fertiliser. A unique Amide Nitrogen (NH<sub>2</sub>) formulation designed to provide effective crop uptake whilst maximising crop safety.



**Agrii-Start  
Release**

A unique soil phosphorus complexing agent. Release can be used where growers are looking to omit or reduce phosphorus in fertiliser applications.

# Sustainable Farming Incentive (SFI)

Agrii are able to advise and supply the correct seed mixture for your SFI requirements to help you to succeed in fulfilling the aims of the scheme.

We offer all seed mixtures for SFI actions for soil health, SFI actions for buffer strips, SFI actions for farmland wildlife on arable and horticultural land and SFI actions for farmland wildlife and habitats on grassland.

## Scottish EFA

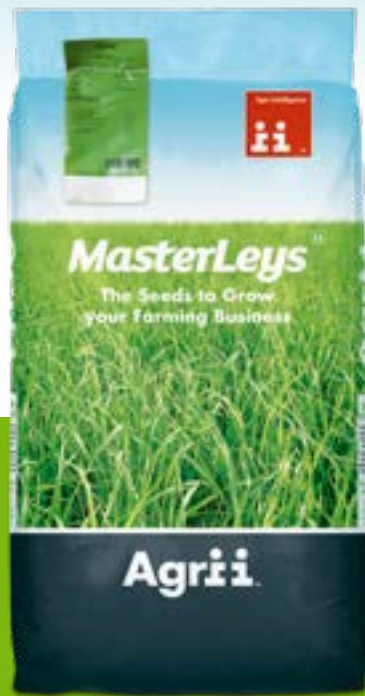
From 1 January 2026, significant changes to Scotland's greening rules have come into effect under the new Enhanced Greening framework.

Agrii are able to advise and supply the correct seed mixture for your EFA requirements to help you to succeed in fulfilling the aims of the scheme.



**Get in touch with your local Agrii contact to find out more**

**MasterLeys**<sup>™</sup>  
The Seeds to Grow your Farming Business



## The MasterLeys and Kingsford range of grass mixtures offers full and comprehensive options for all types of farming systems and regions of the UK.

**KINGSFORD**  
QUALITY  
MIXTURES

Working closely with leading grass seed breeders throughout the UK and Europe, Agrii is able to access the best varieties for the MasterLeys and Kingsford portfolio. In addition to this, Agrii grows and produces more than 80% of the seed used to produce MasterLeys.

This gives us greater control over the quality of the seed we use and ensures that what goes into a MasterLeys bag is of the highest possible standard. The best varieties from the Grass and Clover Recommended List are specifically chosen for each MasterLeys and Kingsford mix.

We're continually developing and innovating our variety choices and mixtures ensuring that we provide the most resilient and best

performing grass mixtures for your specific requirements and current climates.

The story doesn't stop with the seed in the bag.

Agrii agronomists and crop input specialists provide advice throughout the lifetime of the ley to ensure the best possible returns from your grass. This covers nutrition, weed control and forage nutrient analysis, together with support on animal health and advice on storage. This integrated approach to making your grass work harder will help drive on farm profitability from your home grown forage.

Please get in touch for more information about our grass mixtures, or for a copy of the Agrii Guide to Grass & Roots, or the Agrii Livestock Directory.

Eng, Wales & NI



Scotland



# MasterLeys Selector – England & Wales


## SHORT TERM

### BULK MASTER

One to two year cutting

Grazing: ★

Cutting: ★★★★★

Hay: ★★★★★ 

### SILAGE MASTER

Two year cutting

Grazing: ★★


Cutting: ★★★★★

Hay: ★★★ 


## MEDIUM TERM

### CUT MASTER

Three to four year cutting

Grazing: ★★★ 

Cutting: ★★★★★

Hay: ★ 

### PROTEIN MASTER

Three year cutting

Grazing: ★★★

Cutting: ★★★★★


Hay: ★ 

### DROUGHT MASTER

Five to six year cutting & grazing


Grazing: ★★★ 

Cutting: ★★★★★

Hay: ★ 

### FORAGE MASTER

Five to six year cutting & grazing


Grazing: ★★★★★ 

Cutting: ★★★★★

Hay: ★★ 

### FIELD MASTER

Five to six year cutting & grazing

Grazing: ★★★★★ 


Cutting: ★★★★★

Hay: ★★★ 


## LONG TERM

### SWARD MASTER

Six year plus intensive grazing

Grazing: ★★★★★ 

Cutting: ★★★

Hay: ★★★ 

### SWARD MASTER PLUS

Multi-species grazing mix


Grazing: ★★★★★

Cutting: ★★

Hay: ★ 

### STOCK MASTER

Six year plus cutting/grazing

Grazing: ★★★★★ 

Cutting: ★★★★★


Hay: ★★ 

### MULTI MASTER PLUS

Six year plus cutting

Grazing: ★★★

Cutting: ★★★★★

Hay: ★ 


## OVERSEEDING

### ST OVER MASTER

Rejuvenate one to two year


Grazing: ★

Cutting: ★★★★★

Hay: ★ 

### MT OVER MASTER

Rejuvenate three to four year


Grazing: ★★★ 

Cutting: ★★★★★

Hay: ★ 

### LT OVER MASTER

Rejuvenate five plus years

Grazing: ★★★ 

Cutting: ★★★★★

Hay: ★ 

## HORSE & PONY

### HORSE AND PONY PLUS PERENNIAL RYEGRASS

Six plus years

### LAMI-LESS HORSE AND PONY

Six plus years

### ST HAY MASTER

Two years

### LT HAY MASTER

Six plus years

### ST HAYLAGE MASTER

One to two years

### LT HAYLAGE MASTER


Six plus years

Suitability scores:

★ = less suitable ★★★★★ = more suitable

 No clover version available

 White clover version available

 Red clover version available

# Kingsford Selector – Scotland

## SHORT TERM

**KINGSFORD BULK**  
One to two year bulky silage ley  
Grazing: ★  
Cutting: ★★★★★  
Hay: ★★★★★ 

## MEDIUM TERM

**KINGSFORD UGIE**  
Two to three year productive red clover ley  
Grazing: ★★★  
Cutting: ★★★★★  
Hay: ★ 

**KINGSFORD AD**  
Two to four year anaerobic digestion ley  
Grazing: ★★★  
Cutting: ★★★★★  
Hay: ★ 

## MEDIUM TERM

**KINGSFORD YTHAN**  
Three to four year productive cutting ley with aftermath grazing  
Grazing: ★★★   
Cutting: ★★★★★   
Hay: ★ 

**KINGSFORD NITH**  
Four to six year intensive cutting mixture  
Grazing: ★★★   
Cutting: ★★★★★   
Hay: ★★ 

**KINGSFORD SPEY (NORTH)**  
Four to six year intensive cutting and grazing mixture  
Grazing: ★★★★★   
Cutting: ★★★★★   
Hay: ★★ 

## LONG TERM

**KINGSFORD CLYDE (SOUTH)**  
Four to six year intensive cutting and grazing mixture  
Grazing: ★★★★★   
Cutting: ★★★★★   
Hay: ★★ 

**KINGSFORD ESK**  
Four to six year high production dual purpose mixture  
Grazing: ★★★★★   
Cutting: ★★★★★   
Hay: ★★ 

**KINGSFORD DON**  
Three to five years renovation mixture  
Grazing: ★★★   
Cutting: ★★★★★   
Hay: ★ 

## LONG TERM

**KINGSFORD DEVERON**  
Seven year plus grazing mixture  
Grazing: ★★★★★   
Cutting: ★★   
Hay: ★★ 

**KINGSFORD TWEE**  
Seven year plus intensive grazing mixture  
Grazing: ★★★★★   
Cutting: ★★★   
Hay: ★★ 

**KINGSFORD DEE**  
Three to five years renovation mixture plus  
Grazing: ★★★   
Cutting: ★★★★★   
Hay: ★ 

## HORSE & PONY

**HORSE AND PONY PLUS PERENNIAL RYEGRASS**  
Six plus years

**LAMI-LESS HORSE AND PONY**  
Six plus years

**ST HAY MASTER**  
Two years

**LT HAY MASTER**  
Six plus years

**ST HAYLAGE MASTER**  
One to two years

**LT HAYLAGE MASTER**  
Six plus years

## OVERSEEDING

Suitability scores: ★ = less suitable ★★★★★ = more suitable

 No clover version available  White clover version available  Red clover version available

# Roots

## Seed Selector

To help reduce reliance on bought-in winter feed, we also offer a wide range of root seeds, which will help provide additional home-grown winter forage.

By visiting trials sites and working closely with breeders, we are able to choose and offer the best varieties across all species of roots. Not only can we offer the best varieties, we can also offer advice on establishment techniques, nutrition for the crop and agrochemical inputs, to help you achieve maximum forage output.

Along with this, we can also offer advice on feeding the crop to help reduce wastage and to make sure the crop that you have grown is utilised to its full potential.'

SPECIES	SUGGESTED SEED RATE KG/ACRE	SUGGESTED SEED RATE KG/HA	DRILL DATE	UTILISATION PERIOD	AVERAGE DM YIELD (T/HA)	AVERAGE FRESH YIELD (T/HA)	DRY MATTER %	CRUDE PROTEIN %	DIGESTIBILITY VALUE %	METABOLISABLE ENERGY (MJ/KG DM)
Fodder Beet	40,000 - 50,000 seeds Sold in 50,000 packs	100,000 seeds	Late March - Late April	Oct - March	15 - 18	80 - 100	15 - 23	12 - 13	78	12.5 - 13
Swedes	Precision Drill: 150g - 350g Drill: 1 kg Broadcast: 1.5 - 2 kg	Precision Drill: 370g - 860g Drill: 2.5 kg Broadcast: 3.7 - 5 kg	April - June	Sept - March	7 - 10	70 - 90	10 - 13	10 - 11	82	12.8 - 13.1
Maincrop Turnips	Drill: 1 - 1.5 kg Broadcast: 2 kg	Drill: 2.5 - 3.7 kg Broadcast: 5 kg	June - July	Sept - Feb	5.5 - 6	50 - 60	9 - 10	17 - 18	68 - 70	10 - 11
Kale	Drill: 1.5 - 2.0 kg Broadcast: 2.5 - 3 kg	Drill: 3.7 - 5 kg Broadcast: 6 kg - 7.5 kg	April - Early July	Late Aug - March	8 - 10	60 - 70	14 - 16	16 - 17	70 - 75	10 - 11
Forage Rape	Drill: 2.5 kg Broadcast: 3 kg	Drill: 6 kg Broadcast: 7.5 kg	May - Early Sept	July - Dec	3.5 - 4	24 - 35	12 - 13	19 - 20	65	10 - 11
Stubble Turnips	Drill: 1.5 kg Broadcast: 2 kg	Drill: 3.7 kg Broadcast: 5 kg	May - End Aug	July - Dec	4 - 5.5	40 - 50	8 - 9	17 - 18	68 - 70	11
Lamb Tonic (Limited data)	Drill: 4 kg Broadcast: 4 kg	Drill: 10 kg Broadcast: 10 kg	April - End Aug	Perennial (up to 4 years)	10 - 11	65 - 75	14 - 15	21 - 22	68 - 75	11 - 12
Autumn Keep (Limited data)	Drill: 2.5 kg Broadcast: 3 kg	Drill: 6 kg Broadcast: 7.5 kg	May - End Aug	July - Dec	5 - 6	45 - 55	10.5 - 11.5	18.5 - 19.5	65 - 70	10 - 11
Meat Maker (Limited data)	Drill: 2.5 kg Broadcast: 3 kg	Drill: 6 kg Broadcast: 7.5 kg	May - End Aug	Aug - Jan	4.5 - 5.5	35 - 45	12 - 13	19 - 20	65 - 68	10 - 11
Late Lamb (Limited data)	Drill: 7.5 kg Broadcast: 7.5 kg	Drill: 18 kg Broadcast: 18 kg	May - End Aug	Aug - Feb	11.5 - 12.5	65 - 75	16.5 - 17.5	15.5 - 16.5	65 - 70	10 - 11

The figures are a guide and will vary with location, environmental factors and pest pressure.



# Cover and Companion Crops

## THINKING ABOUT COVER CROPS?

Agrii started to conduct comprehensive trials of cover crop species in 2014, initially to establish whether they could successfully be incorporated into existing rotations and if they would provide positive agronomic and financial benefits to farmers.

During this time we have looked at all aspects of cover crop agronomy from establishment to termination and beyond, and through trial and error we have been able to select the most reliable species and actions to maximise cover crop performance. We continue to conduct a national network of cover crops trials to investigate the interaction of different species and mixtures with the soil biota to identify the most beneficial soil health outcomes.

Cover crops are not a quick fix to reverse declines in soil health and productivity but in the longer term, when used as an integral part of your farming strategy, they will improve farm sustainability by enhancing soil health, fertility and productivity whilst reducing input costs. The key elements for success are to increase organic matter content in the soil and maintain a diversity of living roots through the soil profile for as much of the year as possible. The use of a diverse cover crop mix in the periods between cash crops will help support and increase the quantity and diversity of soil biota in the soil, aiding nutrient cycling and carbon sequestration.

Please get in touch for details of mixtures or species that we recommend for specific crop rotations and soil issues or request a copy of our [Cover Crops & Environmental Guide](#) to help make the most of your cover crops.



## COMPANION CROPPING

Another method to increase species diversity in cash crops is by the use of companion crops which will bring benefits to the cash crop and soil health.

A good example of this is the work Agrii has done in developing a companion crop for OSR to help reduce cabbage stem flea beetle (CSFB) damage. Following trials of different species, we identified **Lifago buckwheat** as the best option to reduce initial damage at establishment, but more importantly greatly reduce CSFB larvae damage in the spring. Along with these benefits, the Lifago buckwheat root exudates are able to mobilise phosphate in the soil, making it available to the OSR crop as well as helping to counteract the negative effect of OSR on some soil biota.

Lifago buckwheat



# Working together for a sustainable future

## GREEN HORIZONS

### What has been achieved since 2022?

#### 2023

Partnered with Agreena to enable farmers to join their carbon programme.

Launched NUE framework to improve on-farm nitrogen efficiency.

Installed 15 EV charge points across 6 Agrii sites.

576% increase in soil organic matter tests since 2019.

#### 2024

Designing and rolling out regen-ag programmes with Viterra and GB Seeds.

20% of van fleet now electric, up from 0% in 2019.

Nearly doubled EV charging points to 26 across 12 logistics centres, with 10 more planned.

Exploring transition of commercial fleet to CNG, hydrogen trucks, and HVO.

#### 2025

Launched 2 new sustainable grain contracts working with the food supply chain to reduce scope 3 emissions.

Agrii have been the first agri-logistics company to take on a Mercedes Benz electric truck. This will enable us to reduce scope 1 emissions by ~18 - 22 tCO<sub>2</sub>e per truck annually.

Established an NUE baseline through 300+ measurements across 47 UK trial sites. This is with the ambition of improving NUE by 20% by 2030.

Opening of the new glasshouse at Throws Farm, which will help fast track the development of biologicals and identify solutions to improve NUE.

NUE = Nitrogen Use Efficiency

# BUNGE

We connect Farmers to Consumers to deliver essential food, feed and fuel to the world.



We source, merchandise and distribute cereals, grains and oilseed



120+ Vessels executed per year



95,000+ Truck loads of grain, oilseeds and protein meal executed per year



55+ years of experience in the UK



25 Storage facilities and access to 10+ port terminals



# BUNGE

Bunge has port and storage facilities throughout England and Scotland and strategic links with feed and milling consumers in all regions.

+ Bunge's detailed knowledge of the market coupled with Agrii's research into variety selection, gives growers a selection of low risk, high output crop options.

+ Marketing choices include buy-back contracts, pool marketing and movement at harvest with an option to price later.

+ The Grainman sales and account management system at [www.grainman.co.uk](http://www.grainman.co.uk) can be used to obtain prices and accept bids, view samples and monitor grain movements and payments.

For more information please speak to your usual Agrii contact.



Connect with us!  
Learn more about  
Bunge.

Visit [bunge.com/United-Kingdom](http://bunge.com/United-Kingdom)

Map	Farm Trader	Phone Number
A	Lucy Braithwaite-Ealey UK Origination Manager	07809 310081
1	Emily Silver	07375 884278
2	Gavin Will	07932 402191
3	John Kaye	07850 719371
4	Liz Day	07384 891865
5	Ollie Maw	07508 905042
6	Julian Dunning	07881 787862
7	Louise Godson	07572 166702
8	Charlotte Richmond	07948 457289
9	Jonny Crittall	07384 214685
10	David Wadley	07355 033392
11	Archie Brown	07375 544841
12	Alex Dathwood	07534 648322
12	Peter Bird	07887 521065
14	Eddie Goss	07759 858125
15	Archie Nicolle	07736 869421
16	Inogen Bouveral	07384 214699
A	Thame Office (Oxfordshire)	01844 261261
B	Portland (Dorset)	01305 866148
C	Tarporley Office (Cheshire)	01244 851131



Contact us:



[thame.Origination@bunge.com](mailto:thame.Origination@bunge.com)



01844 261 261







# Your local contacts

## Local Contacts

A	Lincoln Seed Plant	01522 513351	5	Rob Stuart	07563 390273
B	Finmere Seed Plant	01280 848848	6	Angie Baker	07796 193895
C	Moreton Seed Plant	01277 899700	7	Will Sanderson	07980 943538
D	GB Seeds	01284 729200	8	Cas Sandy	07970 641741
1	Lauren Rettie	07964 510067	9	Louise Rawlinson	07721 788943
2	Harriet Blakey	07593 385979	10	Charlie Siggs	07769 964472
3	Rebecca White	07721 128172	11	Liam Wink	07765 020546
4	Samantha Dungworth	07841 777026			

## National Contacts

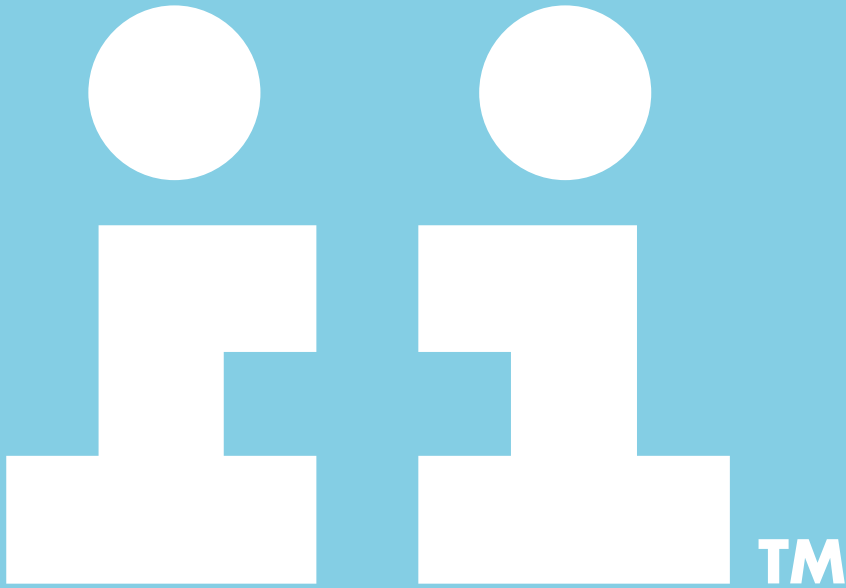
Rodger Shirreff	National Seed Business Manager	07831 188500
Louise Rawlinson	Seed Commercial Operations Manager	07721 788943
Ian Davy	Seed Key Account and Performance Manager	07890 550559
Jess Preston	Seed Commercial Operations Support	07870 546599
Mark Taylor	National Farm Saved Seed Business Manager	07836 527251
Ben Lowe	National Forage Product Manager	07966 533374
Adam Simper	National Grass, Roots and Environmental Seeds Manager	07767 007021
Rebecca White	Specialist Break Crop Product Manager	07721 128172
Simon Hobbs	Cover Crop, Environmental & Wildflower Seeds Technical Manager	07770 643365

## Seed R&D

John Miles	Seed Technical Manager	07855 130439
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For all your seed enquiries please contact your **Seed Specialist** or your **local Agronomist**.



**MasterSeeds™**  
The Seeds to Grow your Farming Business



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**Agrii™**