

Scottish seed guide



Combinable and environmental seed for Scottish farmers and growers

Creating a better future for agriculture

Our Scottish bases

Berwick

Windmill Way West, Ramparts
Business Park, Berwick-upon-
Tweed TD15 1TB
01289 330 303

Perth

Jura Suite 3/1, King James
VI Business Centre, Riverview
Business Park, Friarton Road,
Perth PH2 8DY
01738 500 570

Invergordon

Invergordon Crop Protection
Store, 19D Clayton Court,
Invergordon, Ross Shire
IV18 0SB
01349 888 309

Newmachar

Kingseat, Newmachar,
Aberdeenshire AB21 0UE
01651 862 408

Your key contacts

Nicky Wilson

Regional Seed Manager
(Scotland)
nicky.wilson@frontierag.co.uk
07920 296469

Alan Johnson

Team Leader for North and
Scotland – Environmental Crops
alan.johnson@frontierag.co.uk
07827 842107

Edward Jones

Sustainable Farming Advisor
– Environmental Crops
edward.jones@frontierag.co.uk
07500 814064

Variety icons key

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

**TuYV**

TuYV Resistant
Genetic resistance to the turnip yellows virus.

**RLM7**

RLM7
Genetic resistance to stem canker. Has the RLM7 major gene for stem canker resistance.

**RLMS**

RLMS
Genetic resistance to stem canker. Has the new major gene RLMS for improved stem canker resistance.

**PSR**


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

**CR**


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

**Early drilling**


**Late drilling**


**1st wheat**


1st wheat


**2nd wheat**

2nd wheat
Particularly well suited to being sown as a second or continuous cereal.


**Heavy land**

**Light land**


**Early sown**

**SBW MV**


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

**PCH 1**


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

**OW BM**


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

**UKS**


UKS
Meets the specification for UKS biscuit wheat for export.

**Malt**


MBC Fully approved for malt distilling

**Malt & Brew**


MBC Fully approved for malt distilling and brewing

**Grain**


MBC Fully approved for grain distilling

**Grain Eval**


Under commercial evaluation for grain distilling

**SWRI high**

SWRI (distilling-high)

**SWRI medium**

SWRI (distilling-medium)

**BaYMV1**

BaYMV1
This variety has genetic resistance to damage and yield loss from barley yellow mosaic virus strain 1.



Don't be left guessing

Our easy to reference Variety icons key is under the fold-out panel.

Contents

| | |
|---|-----------|
| | 03 |
| | |
| Introduction | 04 |
| | |
| Services | 05 |
| Private and public funding opportunities for Scotland | 05 |
| Agronomy | 07 |
| Variable rate drilling | 07 |
| Mobile seed processing | 07 |
| | |
| Spring | 08 |
| Spring Barley | 10 |
| Spring Environmental Seed | 14 |
| Wild Bird Seed Mixes | 14 |
| Pollen and Nectar | 16 |
| Amenity Grasses | 17 |
| Grass and Flower Rich Margins | 17 |
| Green Manure Mixes | 18 |
| Game Cover Straights | 20 |
| | |
| Forage | 22 |
| Forage Environmental Seed | 24 |
| Forage Grasses | 24 |
| Short-Term Forage Grasses | 24 |
| Medium and Medium to Long-Term Grasses | 25 |
| Herbal Leys | 26 |
| Roots and Fodder Crops | 27 |
| | |
| Autumn | 28 |
| Winter Oilseed Rape | 30 |
| HEAR OSR | 34 |
| Companion Crops | 35 |
| Winter Wheat | 36 |
| Winter Barley | 41 |
| Winter Oats | 44 |
| Winter Rye | 45 |
| Autumn Environmental Seed | 46 |
| Green Cover Straights | 47 |
| Green Cover Mixes | 50 |
| | |
| Seed Treatments | 52 |
| Vibrance Duo | 53 |
| Nuello IN | 53 |
| Latitude | 53 |
| | |
| Variety Tables | 54 |
| Winter Wheat | 54 |
| Winter Barley | 55 |
| Winter Oilseed Rape | 56 |
| Spring Barley | 57 |
| Environmental Schemes | 57 |

**All the
seed you
need in
*one place***

With more and more farmers combining environmental land management with traditional crop production, we're here to help you find the right seed for your whole rotation.

We've pulled together our full range of combinable, environmental and specialist seed for Scotland, organised by sowing time, so it's easy to see where opportunities to capitalise on agri-environment schemes fit naturally into your rotation.

You'll find agri-environment options tables to help you identify simple ways to increase your farm revenue through environmental land management practices.

Alongside this, our expert team is at hand for advice and to connect you with further products and services, such as market-leading seed treatments and seed cleaning services near you.

From all of us at Frontier, we thank you for your continued business and wish you the best for the 2025/26 growing season.

התאחדות
המורים

Private and public funding opportunities for Scotland

This year, we'll be seeing the first steps of the Agricultural Reform Route Map rolling out in Scotland. The reform aims to transform the support for farming and food production in Scotland by offering funding for practices that deliver against higher quality food production, agricultural business resilience, adapting to and mitigating against climate change and restoring nature.

This year, the Basic Payment Scheme remains in place but we'll see some new conditions introduced, including the requirement to maintain a Whole Farm Plan and carry out at least two of five possible actions in order to receive a base payment. The five actions are a carbon audit, a biodiversity audit, soil analysis, an animal health and welfare plan and an integrated pest management plan. By 2028, growers will need to perform all five actions.

In 2026 we're due to see the wider implementation of the new Tier system, with the introduction of the Enhanced (Tier 2) and Elective (Tier 3) measures. The tiered system, specifically the Enhanced and Elective tiers, should provide real opportunities for growers to deliver environmental and sustainable farming actions while continuing to produce high-quality crops.

Tier 1: Basic

To support active farming and food producers.

- Conditional on essential standards to ensure climate, biodiversity and business efficiency outcomes.
- Maintain a Whole Farm Plan and carry out at least two of five possible actions in order to receive a base payment.

Tier 2: Enhanced

For businesses that are highly effective in:

- Farming and crofting for a better climate.
- Farming and crofting for nature restoration.

Tier 3: Elective

Targeted actions to support:

- Nature restoration.
- Innovation.
- Supply chain.

Tier 4: Complementary

People development

- New skills, knowledge, training and CPD.
- Advisory services and business support.

Measurement tools

- To measure nature restoration and enhancement.
- To measure greenhouse gas emissions & sequestration.
- Tree planting.
- Peatland restoration.
- Agricultural Transformation Fund.

Agronomy

Our nationwide team of BASIS-trained agronomists offer expert crop production advice supported by data from our independent trials research.

Our people are at the forefront of agronomic innovation and farm policy, working to offer tailored recommendations based on your farm goals and wider rotation. No topic is out of scope for our team – we’re equipped to support you on everything from product advice to sustainability consulting, all the way through to information about the latest public and private funding opportunities.

Variable rate drilling

The right drilling rate is key to optimum crop performance.

A plant population that’s too high can lead to overly thick canopies, increased lodging, higher disease pressure and unnecessary expenditure on seed, while seed rates that are too low will result in lower yields and higher weed pressure.

Our variable rate drilling service can help you determine your optimum seed rate for improved crop management, health and profitability – saving money and boosting crop performance.



Mobile seed processing

After your seed is harvested, it’s important to make sure it’s in optimum condition before sale or sowing.

Our farm saved seed service helps growers to save on seed inputs, improve cash flow and ensure a more uniform seed quality, with flexible processing times available to suit your optimum drilling dates.

Exploring your options

To help you navigate all your funding options and find the right solution for your business, we created our ‘8 Steps to Public and Private Funding’ guide which covers the key areas to consider. Speak to your Frontier representative for more information.

Finding the right products

We have a range of mixtures designed to meet the requirements of public funding schemes (such as AECS) and farming requirements (such as EFA Greening). Look out for the funding options tables throughout this catalogue to find the products that meet the requirements of your scheme or speak to our team for a recommendation for your farm.

Beyond the government schemes

And remember, rewards for environmental land management aren’t only available via government schemes. Many of our mixes can be used within private funding schemes that stipulate requirements for environmental actions. For example, Frontier’s oilseed rape de-risking programme rewards growers for companion cropping while also sharing the financial risk of growing oilseed rape by absorbing the seed cost of crop that fails to establish when all growing criteria are met.

We’re here to help

Whether you want to get more from the new public support available or would like to find out about private funding opportunities from Frontier, we’re here to offer impartial and tailored advice. We work closely with policy makers to facilitate landscape and farm-scale supply chain projects that financially reward farmers for implementing more sustainable farming methods to help growers stay on the frontline of funding opportunities.

Find out more

If you’d like to find out more about any of our services, please speak to your Frontier representative or email info@frontierag.co.uk with your enquiry.





Spring

Spring cereals form an integral part of cropping rotations across the country and we have a comprehensive range of varieties and seed treatments to help you achieve the best possible results along with innovation-led agronomy services to support your decision making.

Spring is also a key time for establishing your environmental crops. Whether you have an AECS agreement or are planning your sporting requirements for the season ahead, we have a range of mixtures for every scenario partnered with expert advice and support.



Spring Barley

Our wide range of spring barley options include leading varieties from the AHDB Recommended List suitable for a variety of end markets.

Don't forget to take a look at our options tables on pages 54-57 to consider where there might be an opportunity to increase your revenue by incorporating an environmental action alongside your combinable crops or speak to your local advisor about our structured grain contracts for marketing opportunities with Frontier.

Variety icons key
Find it under the fold-out panel with the Contents.

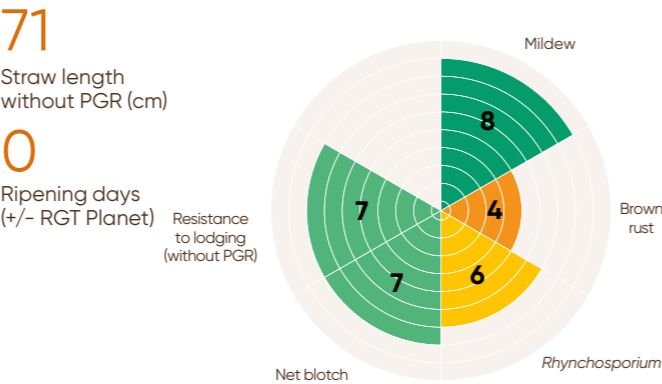
Firefoxx
Elsoms Ackermann
Pedigree: **Chanson x Acorn**



Specifically for the malt distilling sector in Scotland, Firefoxx brings a strong package yield coupled with early maturity, stiff straw and good *Rhynchosporium* resistance (6).

| Type | Conventional two-row spring malting barley |
|-----------------------------------|--|
| AHDB information | UK Recommended, Listed 2020 |
| UK treated yield (% controls)* | 102 |
| North treated yield (% controls)* | 102 |
| Untreated yield (% controls)* | 86 |
| Specific weight (kg/hl) | 67.8 |

*AHDB Recommended List Spring Barley 2025/26.



The highest-yielding spring malting barley on the 2025/26 Recommended List, Firefoxx has full approval for the malt distilling market.

Scottish growers will see the benefits of this strong yield coupled with stiff straw and good grain quality, as well as its early maturity. Good untreated yields (86% controls) are backed by a strong set of disease scores, including 8 for mildew and 6 for *Rhynchosporium*.

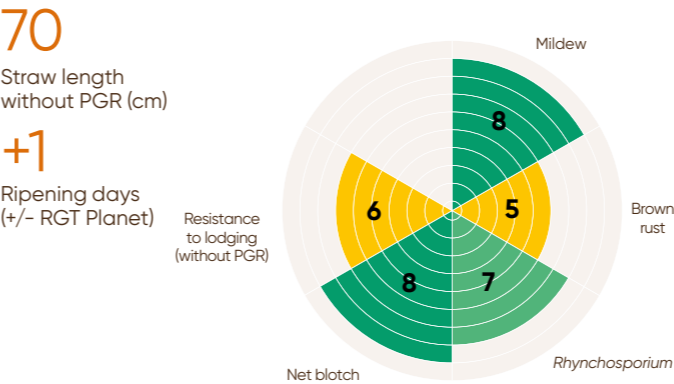
Laureate
Syngenta UK Ltd
Pedigree: **Sanette x Concerto**



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

| Type | Conventional two-row spring malting barley |
|-----------------------------------|--|
| AHDB information | UK Recommended, Listed 2016 |
| UK treated yield (% controls)* | 102 |
| North treated yield (% controls)* | 101 |
| Untreated yield (% controls)* | 89 |
| Specific weight (kg/hl) | 67.8 |

*AHDB Recommended List Spring Barley 2025/26.



Currently the most popular spring barley across the UK, Laureate has found favour in the maltings, brewery and distillery markets, and on-farm.

This dual-purpose spring malting barley has delivered consistently high yields in the north (101% controls) over contrasting seasons. Laureate also has an impressive untreated yield thanks to its strong all-round disease package, including scores of mildew and *Rhynchosporium* at 8 and 7 respectively. A shorter-strawed variety (70cm), it scores a 6 for lodging but a strong 7 for brackling resistance. Growers are advised to contact their local home to tailor nitrogen inputs and achieve the correct contract specification.



Fairing

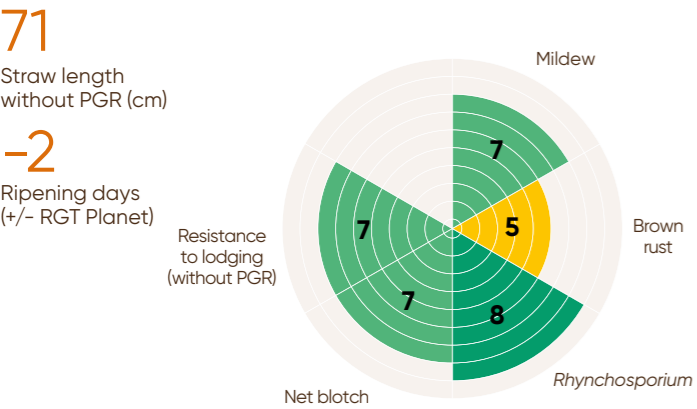
Syngenta UK Ltd
Pedigree: 409-201 x 114-02-4



The only grain distilling variety listed on the 2025/26 Recommended List, Fairing has inherently high grain nitrogen to routinely deliver above the 1.85% grain nitrogen specification that the distilling industry requires.

| Type | Conventional two-row spring malting barley |
|-----------------------------------|--|
| AHDB information | UK Recommended, Listed 2016 |
| UK treated yield (% controls)* | 91 |
| North treated yield (% controls)* | 90 |
| Untreated yield (% controls)* | 79 |
| Specific weight (kg/hl) | 69.4 |

*AHDB Recommended List Spring Barley 2025/26.



A unique variety on the Recommended List, Fairing not only delivers the high grain nitrogen required by the grain distilling industry but also offers growers some key management tools as it's the earliest maturing spring barley variety (-2 +/- RGT Planet) with the highest score for *Rhynchosporium* (8) on the market today.

A consistent performer no matter the site or season, Fairing offers growers one of the best specific weights alongside low screenings.

Soccer

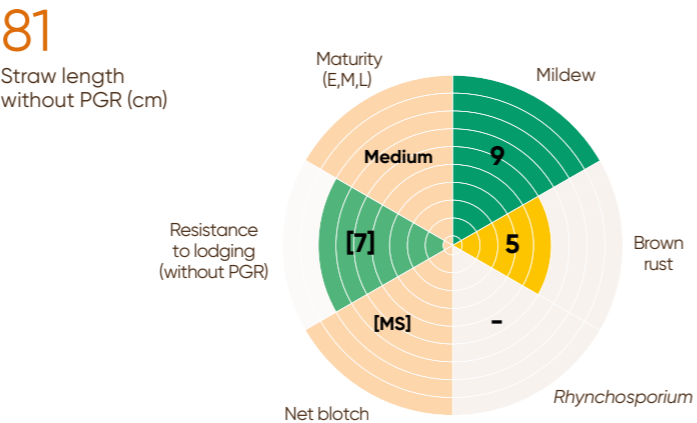
Secobra
Pedigree: RGT Planet x (Shada x Crescendo)



A new opportunity for growers serving the grain distilling market in their region.

| Type | Conventional, two-row spring malting barley |
|-----------------------------------|---|
| AHDB information | Not AHDB Recommended |
| UK treated yield (% controls)* | 104%, 10% ahead of Fairing |
| North treated yield (% controls)* | 5% ahead of Fairing |
| Untreated yield (% controls)* | - |
| Specific weight (kg/hl) | 60.3 |

*Secobra England 7 trials dataset (2019-2021).



Embodying new genetics for the grain distilling market, Soccer is a spring barley not featured on the Recommended List currently undergoing commercial evaluations with end users.

With UK yields on par with RGT Planet and improved potential on Fairing, Soccer has performed consistently over a range of sites and soil types. With improvements on mildew (9) and brown rust (5) resistance over Fairing, Soccer has a similar plant type – medium height and with similar resistance to lodging and brackling.



Spring Environmental Seed

March to May is a key time to prepare for spring environmental actions and to establish habitat for farmland wildlife.

In this section, you'll find a range of wild bird seed mixes, pollen and nectar mixes, specialist and amenity grasses, and game cover options to support your land management activity this season.

Don't forget to refer to the options table on pages 54–57 to learn more about the agri-environment schemes in Scotland for which these mixes are suitable.

Wild Bird Seed Mixes

Alba Mix

Prosper-treated kale rape

KALB1

Initially designed for use in Scotland for the AECS scheme, this annual mix has proven popular across the UK, providing both feed and cover.

Contains: triticale, barley, fodder radish, Kings kale rape, brown mustard, Utopia and phacelia.

40kg/ha 20kg pack

Moir Mix

Prosper-treated kale

K66

A long-term favourite bringing the potential for two years' cover along with both broadleaved and grass weed control options. Also available with Stand and Deliver (perennial chicory).

Contains: Coleor kale, Goldeneye kale, marrow stem kale, Kings kale rape, linseed, fodder radish, Gold of Pleasure, white mustard, phacelia, Sandoval quinoa and Utopia.

15kg/ha 15kg pack

Basic Wild Bird Seed Mix

K63

A highly effective and economic option for providing winter bird food.

Contains: fodder radish, linseed, white mustard, reed millet, Sandoval quinoa, white millet, red millet and Gold of Pleasure.

20kg/ha 20kg pack

Highland Mix

KHIGH

An annual mix that provides the perfect opportunity to manage persistent broadleaved weeds, such as docks and thistles, while providing an abundance of feed.

Contains: triticale, barley, oats, wheat, rye, fodder radish and linseed.

Also available in 500kg bags – please contact us for details.

75kg/ha 25kg pack



Balgonie Grey Partridge Mix

Prosper-treated kale

K92

A proven all-round mix, developed in partnership with the GWCT in Fife, providing excellent feed, cover and brood-rearing habitat over multiple years.

Contains: perennial rye, sweet fennel, Gold of Pleasure, brown mustard, fodder radish, phacelia, linseed, Stand and Deliver (perennial chicory), triticale, ox-eye daisy, common knapweed, birdsfoot trefoil, small-leaved white clover, Coleor kale, wild carrot and red campion.

15kg/ha 15kg pack

Winter Recovery Mix

Prosper-treated kale rape

K147

From July to early September, this is the option to turn to where winter-hardy cover is needed post-harvest or to boost existing crops.

Contains: fodder radish, Kings kale rape, brown mustard, Carbon, white mustard, Utopia, turnip rape and tataricum buckwheat.

10kg/ha 10kg pack

Universal Brassica Mix

Prosper-treated kale

K155

Designed to support control of grass and broadleaved weeds. Strong cover with the potential for two years.

Contains: Coleor kale, 1000 head kale, Goldeneye kale, Kings kale rape, fodder radish, brown mustard, white mustard, linseed, Gold of Pleasure and Utopia.

8kg/ha 8kg pack

Wildlife Winter Holding Cover

Prosper-treated kale

K53

A diverse and visually appealing mix that offers the potential to deliver over two years.

Contains: buckwheat, Coleor kale, Kings kale rape, white mustard, phacelia, Sandoval quinoa, Stand and Deliver (perennial chicory), sunflowers, Utopia and Gold of Pleasure.

22kg/ha 22kg pack

Pollen and Nectar

Basic Pollen and Nectar Mix

K105

A grass-free mix specifically designed for sites which offer challenging establishment conditions, offering 2-4 years' cover.

Contains: vetch, sainfoin, red clover, alsike clover, birdsfoot trefoil, black medick, red campion, musk mallow, self-heal and ox-eye daisy and common knapweed.

12.5kg/ha 12.5kg pack

Butterfly and Bumblebee Mix

KBB1

A visually striking two-year mix great for those looking for a high-impact pollinator mix.

Contains: birdsfoot trefoil, borage, crimson clover, phacelia and red clover.

12kg/ha 12kg pack



Amenity Grasses

Kingscape

KG3b

An easy-to-establish, hard-wearing option for lawn and general landscaping use.

Contains: Amenity perennial ryegrass and strong creeping red fescue.

20kg pack

Kingsfine with Ryegrass

KG2b

Ideal where a smart, hard-wearing lawn is required.

Contains: Chewings fescue, amenity perennial ryegrass, slender creeping red fescue and strong creeping red fescue.

20kg pack

Kings Low Maintenance

KLMGRASS

Perfect for amenity areas, such as car parks or lawns, which require very little mowing or maintaining. Doesn't include ryegrass. Ideal to mix into wildflower mixture to help with establishment.

Contains: Chewings fescue, strong and slender creeping red fescue, smooth stalked meadow grass, hard fescue, crested dogstail and browntop bent.

20kg pack

Grass and Flower Rich Margins

Basic Stewardship Grass Mix

KBG1

An all-purpose, hard-wearing mix blending fine and tussocky grasses that is ideal for buffering watercourses and providing nesting cover and an insect-rich habitat.

Contains: cocksfoot, hard fescue, smooth-stalked meadow grass, red fescue, tall fescue and Timothy.

20kg/ha 20kg pack

Flower Rich Grass Mix

KFRGMIX

Combining 10% native wildflowers and agricultural legumes with 90% non-competitive grasses.

Contains: red fescue, hard fescue, smooth-stalked meadow grass, chewing's fescue, sainfoin, crested dogstail, birdsfoot trefoil, bent, black medick, red clover, yarrow, common knapweed, self-heal, ox-eye daisy, sorrel, vetch, wild carrot and white campion.

20kg/ha 20kg pack



Green Manure Mixes

AECS Summer Mix

K71

A short-term summer cover crop that offers the potential for a huge amount of biomass with a late-flowering radish coupled with nitrogen fixation from annual clovers.

Contains: Sunday oil radish, crimson clover, berseem clover and phacelia.

10kg/ha 10kg pack

Short Summer Mix

K114

A rapid-growing catch crop that provides above ground biomass as well as varied rooting structure.

Contains: buckwheat, phacelia, linseed, crimson clover, berseem clover and oil radish.

16kg/ha 16kg pack

Summer Legume Mix

K131

The ideal legume mix to be drilled straight after harvest or in summer fallow land. This mix will deliver more the longer it is in the ground.

Contains: buckwheat, crimson clover, linseed, red clover, serradella and phacelia.

12kg/ha 12kg pack

AECS Winter Mix

K84

Fulfil the AECS 'Stubbles Followed by Green Manure' option – also valuable after root crops as a summer fallow option where soil restructuring is required.

Contains: red clover, berseem clover, crimson clover and Stand and Deliver (perennial chicory).

10kg/ha 10kg pack

Cereal-Free Mix

K64

A popular choice within a cereal rotation, the linseed rooting creates a friable top soil profile perfect prior to a cereal crop.

Contains: buckwheat, crimson clover, linseed, oil radish, phacelia and vetch.

16kg/ha 16kg pack



AECS Winter Mix

Soil Borne Pests

Multi-resistant oilseed radish varieties can target potato cyst nematodes and can help reduce the impact of other nematodes including the effects of various diseases affecting subsequent crops. When selecting cover crops, careful consideration is needed to ensure the varieties chosen do not worsen the nematode infestation or threaten the main crop.

Frontier Exclusive – Bento

The first-choice oil radish variety in Scotland for partial biofumigation within potato rotations. In research and trials it has consistently been a top performer. For best results sow in April and leave for 12 weeks before termination.

- Interrupts the transmission of Tobacco Rattle Virus (TRV).
- Contains high levels of glucosinalates for effective partial biofumigation.

Please give your regional advisor a call to discuss your individual requirements.

Game Cover Straights

We’re here to support land managers to establish the perfect game cover to protect and nourish their farmland birds.

Our product options for game cover straights include millet, kale, brassica and perennial seed and our expert team is also at hand to offer additional guidance and advice on how to incorporate game cover most effectively into your rotation.

| Code | Crops | Optimum sowing window | | | | | | Sowing rate (kg/ha) | Pack size (kg) | Key Information | |
|--------|----------------------|-----------------------|-----|------|------|-----|------|------------------------|-------------------|-----------------|--|
| | | April | May | June | July | Aug | Sept | | | | |
| MILLET | | | | | | | | | | | |
| K21b | Poacher Red Millet | | | | | | | | 12.5 | 12.5 | Matures later than white millet. As a straight, it will provide an attractive cover for game throughout the autumn. |
| K21c | Poacher White Millet | | | | | | | | 12.5 | 12.5 | Flowering earlier and producing more seed than red millet – it is ideal when used as part of a millet mix. |
| K21d | Tanka Millet mix | | | | | | | | 12.5 | 12.5 | This blend of millets offers a high seed-bearing game cover option that has a much stronger structure due to its inclusion of reed millet. |

| | | | | | | | | | | |
|------|-----------------|--|--|--|--|--|--|---|---|--|
| KALE | | | | | | | | | | |
| K7 | Coleor Kale | | | | | | | 5 | 5 | Our exclusive kale variety. Due to its hybrid vigour, it is quick to establish and exceptionally winter-hardy. |
| K6 | Caledonian Kale | | | | | | | 5 | 5 | If brassicas are regularly in use, this winter-hardy clubroot-tolerant variety should be considered. |
| KGE1 | Goldeneye Kale | | | | | | | 5 | 5 | A good alternative to, or companion for, Caledonian Kale. This is another clubroot-tolerant variety. |
| K9 | 1000 Head Kale | | | | | | | 5 | 5 | A taller variety which produces a good leafy canopy. |
| K10 | Kale Blend | | | | | | | 5 | 5 | An exclusive blend of Coleor, Goldeneye and marrow stem kale. Offering a crop with mixed canopy heights. |

| | | | | | | | | | | |
|----------------------|-------------------------|--|--|--|--|--|--|-----|----|---|
| ADDITIONAL BRASSICAS | | | | | | | | | | |
| K116 | Kings Kale Rape | | | | | | | 7.5 | 25 | Reliable brassica giving you a good winter hardy driving and holding cover. |
| K15 | Forage Rape | | | | | | | 7.5 | 25 | Reasonably winter-hardy, low-cost cover. Can be grazed as required at the end of the season. |
| KBARKA | Barkant Stubble Turnips | | | | | | | 7.5 | 25 | An economical option where large areas are to be planted up. Can provide excellent partridge driving cover and grazing potential. |
| KSILET | Siletina Oil Radish | | | | | | | 7.5 | 25 | A good choice for later planting where other options are running out and a quick cover is required, can also be grazed. |
| KUT1 | Utopia | | | | | | | 5 | 5 | Provides a very quick-growing, winter-hardy cover. |
| K23 | Mustard | | | | | | | 7.5 | 25 | Low-cost but highly flexible in terms of providing a wide range of cover types from a wide range of sowing dates. |
| KBRONS | Brons Brown Mustard | | | | | | | 5 | 25 | Much more tolerant of frost and snow than white mustard; it is worth mixing with Utopia to provide a diverse crop canopy. |

| Code | Crops | Optimum sowing window | | | | | | Sowing rate (kg/ha) | Pack size (kg) | Key Information | | |
|------------|---------------------------------------|-----------------------|-----|------|------|-----|------|------------------------|-------------------|-----------------|---------|---|
| | | April | May | June | July | Aug | Sept | | | | | |
| PERENNIALS | | | | | | | | | | | | |
| K40 | Reed Canary Grass (RCG) | | | | | | | | | 7 | 7 | Exceptionally winter-hardy, RCG requires establishing in wide rows with a nurse crop in year one. |
| K29 | Tall Wheat Grass | | | | | | | | | 10-15 | 25 | Growing up to two metres tall, this is a good option as an early season wind break or to entertain young game birds. |
| KPRYE | Perennial Rye | | | | | | | | | 80 | 25 | Provides explosive growth in the spring to provide early year cover that will stand into the new year but is not a driving cover. |
| KSWFEN | Sweet Fennel | | | | | | | | | 12 | 25 | Offers tall, varied structure and is highly attractive to pollinators. This plant is strongly scented with a natural aniseed smell making it useful in high deer pressure areas. |
| K58 | Stand and Deliver (Perennial Chicory) | | | | | | | | | 5 | 5 | Requiring a nurse crop in year one, this winter-hardy plant is highly attractive to game in its second year. Lasting up to five years, it's a fantastic addition to kale or other perennials. |
| K2 | Artichokes | | | | | | | | | 1235 | 25/1000 | As a perennial choice, these will provide cover in year one and last for many years. |
| K102 | Poacher Leave -It | | | | | | | | | 10 | 10 | All you need to deliver nesting habitat, pollinator benefits, overhead canopy and driving cover. Contains: Gold of Pleasure, Coleor kale, Kings kale rape, lucerne, phacelia, reed canary grass, Stand and Deliver (perennial chicory), sweet clover, sweet fennel, reed millet, tall wheat grass and Utopia. |

| | | | | | | | | | | |
|-----------------------|---------------------------------|--|--|--|--|--|--|------|------|---|
| ADDITIONAL GAME COVER | | | | | | | | | | |
| K44/ K44a | Sunflowers/ Dwarf Sunflowers | | | | | | | 12.5 | 12.5 | Providing a high level of feed around late September/October. Stalks stand well into the winter offering a tall but not dense cover. |
| K41 | Sandoval Quinoa | | | | | | | 10 | 10 | Our exclusive Sandoval blend provides a wide range of seed maturity dates and impressive colours. |
| K4 | Buckwheat | | | | | | | 125 | 20 | Rapid establishment, perfect adjacent to release areas where you wish to keep game entertained in the late summer/early autumn. |
| KGOP1 | Gold of Pleasure | | | | | | | 125 | 12.5 | Ideal for poor soils or exposed sites where a highly nutritious seed supply is required. This is an excellent addition to a mix. |
| K19 | Linseed | | | | | | | 125 | 25 | A versatile crop that delivers an abundance of winter-hardy feed supported by strong wiry stems. This is a great addition to a mix. |
| K30 | Phacelia | | | | | | | 7 | 10 | Easy to grow and exceptionally striking; it will not provide winter cover but is a great crop to support a wide range of pollinators. |
| K47 | Tic Beans | | | | | | | 250 | 25 | A useful break crop that can improve soil health and fertility whilst delivering a large volume of seed that is highly attractive to pheasants. |
| K48a | Spring Triticale | | | | | | | 125 | 25 | Simple to grow and well-suited to exposed locations, this cereal provides significant volumes of grain well into the hungry gap. |
| K147 | Winter Recovery Mix | | | | | | | 10 | 10 | Whether you are patching up existing crops or planting into bare stubbles, this is a mix you should always have in stock. Contains Utopia, Carbon, Kings Kale rape, white mustard, turnip rape, fodder radish, tataricum buckwheat and brown mustard. |

Forage

Home-grown forage is a great way to reduce input costs into livestock systems while managing the risks arising from buying in feed. Whether you're looking to fatten lambs or for overwinter grazing, we can support you with choosing the right crop and variety to suit your requirements.

Incorporating grass leys and herb-rich swards is a great way to lengthen and diversify arable rotations while providing an opportunity to incorporate livestock into the rotation for those looking to take a holistic approach.



Forage Grasses

Short-Term Forage Grasses

Kings Catch Crop

1-2 years

Ideal mixture for break crop. Will produce high yields in both years of production with rapid recovery after cuts. Makes excellent coarse horse hay.

SIKEM Italian ryegrass dip.
JEANNE Italian ryegrass tet.

14-16kg/acre 35-40kg/ha



■ Italian Ryegrass (Dip.)
■ Italian Ryegrass (Tet.)

Kings Sprinter

12-18 months

Available with crimson clover. Short-term cutting mixture with rapid establishment. Excellent early spring growth.

LOLAN Westerwold ryegrass tet.
ALAMO Italian ryegrass dip.

14-16kg/acre 35-40kg/ha



■ Westerwolds
■ Italian Ryegrass

HF Surecrop

3 years

Will provide three full years of quality silage or grazing. High tetraploid content for rapid fermentation in the pit or grazing palatability. Available with 15% red clover for higher protein silage.

PERSEUS Italian ryegrass plus
LOFA Hybrid ryegrass plus
ASTONCRUSADER Hybrid ryegrass tet.
CALEDON Intermediate perennial ryegrass tet.
HF CUTTING CLOVER BLEND White clover

13-14kg/acre 32-35kg/ha



■ Hybrid Ryegrass
■ Ryegrass Plus
■ Intermediate Perennial Ryegrass
■ White Clover

Forage

As spring turns to summer, a new window opens for environmental land management. In this section, you'll find a range of forage grasses, herbal leys, and roots and fodder crops for establishing grazing and attracting beneficials to your farmland.

Don't forget to refer to the options table on pages 54-57 to learn more about the agri-environment schemes in Scotland for which these mixes are suitable.



Medium and Medium to Long-Term Grasses

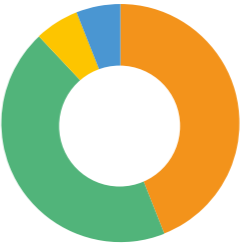
HF11

3-8 years

Scotland's best-selling grass mixture. Renowned for its consistent yield, performance and persistence. Available as HF11 RED with 10% red clover and reduced white clover for higher protein silage and grazing.

STRANGFORD Intermediate perennial ryegrass
AGASKA Intermediate perennial ryegrass
NIFTY Intermediate perennial ryegrass
CALEDON Intermediate perennial ryegrass tet.
WETHERBY Late perennial ryegrass
EVOCATIVE Late perennial ryegrass
NASHOTA Late perennial ryegrass tet.
SPECTRE Late perennial ryegrass tet.
COMER Timothy
HF DUAL PURPOSE CLOVER BLEND White clover

13-15kg/acre 32-35kg/ha



■ Hybrid Ryegrass
■ Ryegrass Plus
■ Intermediate Perennial Ryegrass
■ White Clover
■ White Clover

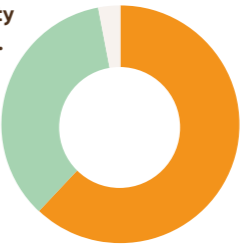
HF Super Silage

3-7 years

Designed for three, four or even five cuts. Delivers fast regrowth and quality leafy silage. High sugar grasses and no timothy ensures top quality silage.

STRANGFORD Intermediate perennial ryegrass
AGASKA Intermediate perennial ryegrass
NIFTY Intermediate perennial ryegrass
SEAGOE Intermediate perennial ryegrass tet.
CALEDON Intermediate perennial ryegrass tet.
WETHERBY Late perennial ryegrass
NASHOTA Late perennial ryegrass tet.
SPECTRE Late perennial ryegrass tet.
HF CUTTING CLOVER BLEND White clover

13-15Kg/acre 32-35kg/ha



■ Intermediate Perennial Ryegrass
■ Late Perennial Ryegrass
■ White Clover

HF PD

8 years+

The famous versatile long-term dual-purpose mixture. Very persistent and winter hardy which contribute to its longevity. Will produce plenty of early grass even in harsher areas.

GENESIS Early perennial ryegrass
STRANGFORD Intermediate perennial ryegrass
NIFTY Intermediate perennial ryegrass
CALEDON Intermediate perennial ryegrass tet.
WETHERBY Late perennial ryegrass
BOWIE Late perennial ryegrass
NASHOTA Late perennial ryegrass tet.
COMER Timothy
MAXIMA Creeping red fescue
HF DUAL PURPOSE CLOVER BLEND White clover

14-16Kg/acre 35-40kg/ha



■ Intermediate Perennial Ryegrass
■ Late Perennial Ryegrass
■ Early Perennial Ryegrass
■ Timothy
■ Red Fescue
■ White Clover

Herbal Leys

Herb Rich Sward Elite

3 years

A diverse mixture utilising grasses, legumes and herbs. Also available as a red clover or chicory-free version.

- 15% ABERNICHE Festulolium

12% ABERIMAGE Hybrid Ryegrass tet.

20% ABERSPEY Intermediate perennial ryegrass tet.

20% ABERZEUS Intermediate perennial ryegrass dip.

4% COMER Timothy
- 4% LAURA Meadow Fescue

5% MAXIMA Strong creeping red fescue

3.5% White clover blend

10% Red clover blend

1.6% Birdsfoot trefoil

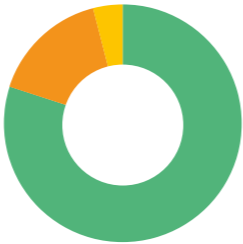
1% MILKY-MAX SAS PREMIUM Lucerne
- 1% PUNA II/ENDURE Chicory blend

1.2% TONIC Plantain

0.25% Burnet

1.25% Sheeps parsley

0.2% Yarrow



Grass
Legume
Herb

10-14kg/acre 25-35Kg/ha

HF Multi-Species GHL

3-5 years

A mix predominantly of perennial ryegrasses, which will still produce large quantities of high-quality forage. Designed for rotational, mob or holistic grazing, as well as silage due to the absence of chicory. Four herbs which all perform well in the north of the UK to increase biological diversity.

- 25% NIFTY Intermediate perennial ryegrass

25% CONVEY Intermediate perennial ryegrass tet.

25% CAVENDISH Late perennial ryegrass

5% COMER Timothy
- 2% LAURA Meadow fescue

2% MAXIMA Creeping red fescue

1% TOWER Tall fescue

5% White clover

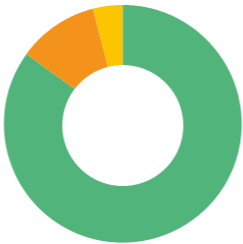
3% Alsike clover

3% Red clover
- 3.5% Ribwort plantain

0.2% Sheep's burnet

0.2% Sheep's parsley

0.1% Yarrow



Grass
Legume
Herb

14-16kg/acre 35-40kg/ha

Grass-Free Herb-Rich Sward

A full, diverse mixture to add into grass mixtures. Alternative options available, including no chicory, no sainfoin, simple mixtures, etc.

- 20% Red clover blend

11% White clover blend

10% Alsike clover

6% Birdsfoot trefoil

30% Sainfoin
- 10% Chicory

5% Plantain

5% Burnet

1% Yarrow

2% Sheeps Parsley



Legume
Herb

3-4kg/acre 7.5-10kg/ha



Roots and Fodder Crops

| Variety | Key Information |
|-----------------|---|
| KALE | |
| SovGold | A new variety to the market from HF. It offers high yields, excellent leaf to stem ratio and great digestibility. Suitable for cattle and sheep grazing. |
| Maris Kestrel | Tried and tested variety, popular for its leafy growth and used for sheep grazing. |
| HYBRID BRASSICA | |
| Mainstar | The highest yielding hybrid from HF's NZ breeding programme. It offers a highly palatable leaf and stem, proving popular for both cattle and sheep grazing. |
| Spitfire | Delivers high DM yields of palatable leafy growth, with a good regrowth potential. The stems have a low DM so are often grazed as well. |
| FORAGE RAPE | |
| Hobson | A fast growing variety with good winter hardiness, it is a tried and tested choice. |
| FODDER BEET | |
| Blaze | Root Colour – Red Well proven grazing variety; clean roots |
| Jamon | Root Colour – Orange Very palatable and very popular |
| Robbos | Root Colour – Yellow Large leaves; well proven |
| STUBBLE TURNIPS | |
| Barkant | A very popular high-yielding variety with some winter hardiness. |
| Samson | A quick growing diploid variety, with high leaf production and purple tankard root. |
| FODDER RADISH | |
| Bokito | The best grazing oil radish on the market, with good re-growth potential. |
| FORAGE RYE | |
| Traktor | A fast growing and fully winter hardy variety, good for grazing and AD use. |
| TURNIP RAPE | |
| Jupiter | A leafy variety, valuable for its fast growth and ground cover. |

Autumn

With winter cereals being the cornerstone of many arable rotations, autumn is a key establishment time for growers. Choosing the right variety is essential to tackle the disease and pest pressures of the crop while growing what's best suited to your local conditions to achieve the best results come harvest.

For oilseed rape growers, autumn is the right time to consider sowing a companion crop, which can deter pests and improve soil health; ultimately supporting the establishment of your oilseed rape. There are many schemes available that reward growers for incorporating companion crops into their rotation. Our team is here to support you in finding the right public and private funding opportunities for your farm business this autumn.



Winter Oilseed Rape

You can find market leading varieties from across the AHDB Recommended List in our wide product range of winter oilseed rape, including High Eurucic Acid Rape (HEAR) options.

Don't forget to take a look at our options tables on pages 54-57 to consider where there might be an opportunity to increase your revenue by incorporating an environmental action alongside your combinable crops or speak to your local advisor about our structured grain contracts for oilseeds or our HEAR buyback contracts.

Variety icons key
Find it under the fold-out panel with the Contents.

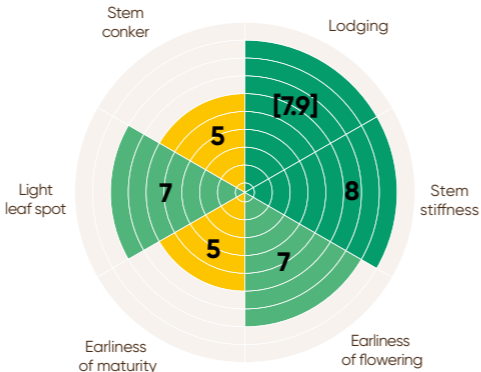
LG Adeline Limagrain



Very high gross output in this region with TuYV and pod shatter resistance built-in.

| Type | Hybrid |
|---|--------|
| UK Gross output (% controls)* | 105 |
| North Gross output (% controls)* | 107 |
| Untreated yield (% controls)* | [106] |
| Oil content (fungicide-treated controls %)* | 44.9 |
| Glucosinolates (µmol/g)* | 14.7 |

*AHDB Recommended List Winter Oilseed Rape 2025/26.



A seventh-generation hybrid from Limagrain's fully loaded hybrid portfolio, LG Adeline is one of the highest yielding varieties on the 2025/26 Recommended List.

It has exceptional gross output in the north where it performs better than older varieties, being 5% ahead of Aurelia and 7% ahead of Ambassador. It has good autumn vigour to help get it away and build biomass which is further boosted by its stiff straw and good standing (7.9). Good resistance to both stem canker and light leaf spot, as well as genetic resistance to TuYV and pod shatter, make this variety an excellent option for the north.

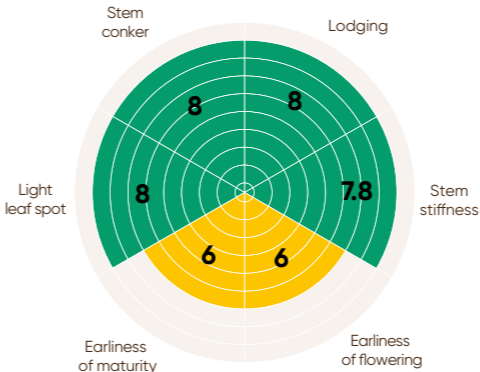
Dompteur DSV



Exciting new genetics and excellent yield potential coupled with high disease resistance.

| Type | Hybrid |
|---|--------|
| UK Gross output (% controls)* | 111 |
| North Gross output (% controls)* | 112 |
| Untreated yield (% controls)* | – |
| Oil content (fungicide-treated controls %)* | 46.3 |
| Glucosinolates (µmol/g)* | 11.1 |

*AHDB Recommended List Winter Oilseed Rape 2025/26 – Candidate.



With super high yields over the past two seasons in all regions across the UK, Dompteur brings a great package of gross output potential, agronomic merit and disease resistance to growers this season.

With twin 8s for light leaf spot and stem canker resistance, this exciting package is rounded off with TuYV and pod shatter genetics built-in for peace of mind towards harvest.

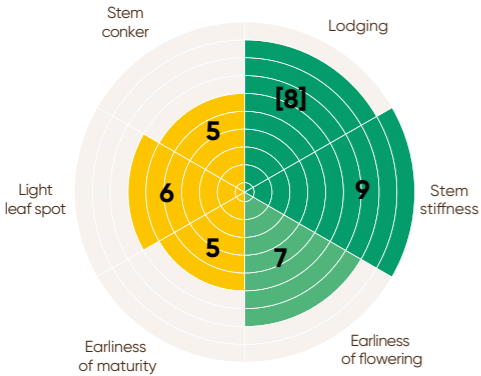


Tom
Cluser Breeding International GmbH

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

| Type | Conventional open pollinated |
|---|------------------------------|
| UK Gross output (% controls)* | 100 |
| North Gross output (% controls)* | 100 |
| Untreated yield (% controls)* | 101 |
| Oil content (fungicide-treated controls %)* | 45.2 |
| Glucosinolates (μmol/g)* | 11.6 |

*AHDB Recommended List Winter Oilseed Rape 2025/26.



For growers who have maximised rape in their rotation using conventional types like Campus and the market-leading Acacia, Tom offers the next step in gross output and disease performance on-farm.

Producing one of the highest oil contents of all conventional lines on the Recommended List (45.2μmol/g), the variety has good disease resistance including a 6 for light leaf spot and extremely stiff straw, helping to keep the crop standing right through to harvest.

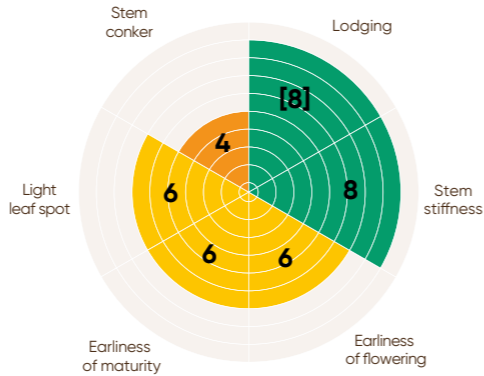
Crocodile
DSV UK Ltd



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

| Type | Hybrid |
|--|--------|
| UK Gross output (% controls)* | 97 |
| North Gross output (% controls)* | 90 |
| Untreated yield (% controls)* | 99 |
| Oil content (fungicide-treated controls %) | 44.8 |
| Glucosinolates (μmol/g)* | 12.8 |

*AHDB Recommended List Winter Oilseed Rape 2025/26.



In its sixth year of widespread use on clubroot infected farms, Crocodile continues to offer growers resistance to the common strains of clubroot coupled with a solid yield performance (90% controls in north) and good oil content (44.8%). The variety is stiff-strawed, offering good resistance to light leaf spot (6), although stem canker will need to be monitored (4) in the autumn and spring.

Clubroot resistant varieties on the AHDB Recommended List have recommended for growing on land infected with common strains of clubroot. However, growers are advised not to repeatedly grow these types of varieties in order to prevent the development of a genetic resistance.

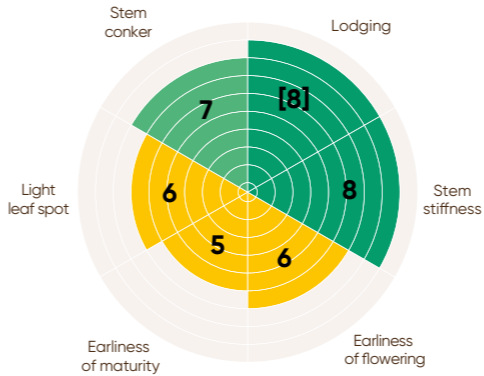
Crusoe
NPZ-Lembke



A step-change potential in yield for growers managing OSR in the rotation on clubroot infected land; some 5% higher gross output in the north than the nearest yielding variety on the Recommended List.

| Type | Hybrid |
|---|--------|
| UK Gross output (% controls)* | 103 |
| North Gross output (% controls)* | 101 |
| Untreated yield (% controls)* | – |
| Oil content (fungicide-treated controls %)* | 44.5 |
| Glucosinolates (μmol/g)* | 12.6 |

*AHDB Recommended List Winter Oilseed Rape 2025/26.



Taking gross output yields across the UK (103% controls) and in the north (101% controls), Crusoe is a next generation hybrid winter oilseed rape for growers to use in the battle against clubroot.

Some 5% higher yielding than its next best rival, Cromputer, Crusoe offers growers the benefits of good light leaf spot resistance (6), is moderately resistant to Verticillium stem stripe and has strong straw strength ([8.0]) despite being a taller type (155cm). Couple this with in-built resistance to TuYV and you have an excellent choice for clubroot-infected land.

Clubroot resistant varieties on the AHDB Recommended List have recommended for growing on land infected with common strains of clubroot. However, growers are advised not to repeatedly grow these types of varieties in order to prevent the development of a genetic resistance.



HEAR OSR

Ramses

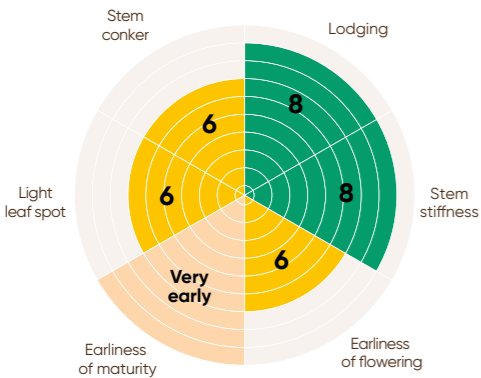
ID Grain



A consistent performer year after year makes this HEAR variety a true on-farm favourite.

| | |
|-------------------------------|------|
| Type | HEAR |
| UK Gross output (% controls)* | 105% |

* Frontier trials.



One of the highest yielding HEAR varieties in Frontier trials.

Ramses offers a significant improvement over older HEAR varieties. It is a large biomass type with excellent spring and autumn vigour, helping to minimise pest and disease losses over the season. An early maturing variety which will be of benefit to some to spread the workload at harvest.



Rhodes

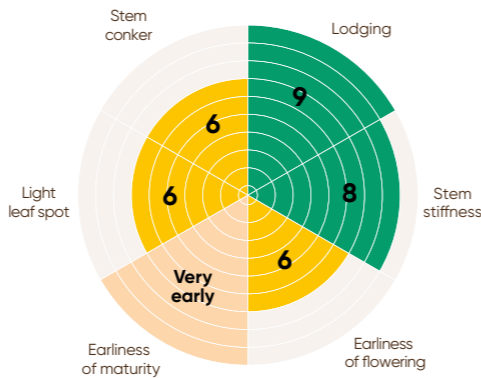
ID Grain



An attractive option for growers in northern England and Scotland.

| | |
|-------------------------------|------|
| Type | HEAR |
| UK Gross output (% controls)* | 102% |

* Frontier trials.



A tried and tested variety, Rhodes offers growers good yields coupled with excellent stem stiffness and good resistance to light leaf spot (6) making it an attractive package for more northern growers in England and into Scotland.

Like Ramses, the variety benefits from very early maturity and genetic resistance to pod shatter, giving growers peace of mind at harvest.

Companion Crops

Sowing a companion crop alongside your oilseed rape is a great way to support pest management as a companion crop can provide a distractive canopy or even mask the scent of the crop while providing complimentary rooting to support establishment.

Ask your local advisor for more information about companion cropping alongside oilseed rape or to learn about our exclusive oilseed rape de-risking programme.

We advise against mixing companion crop seed with oilseed rape seed as differing seed sizes can lead to separation and seed rate inaccuracies.

Straight species are also available.

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



Winter Wheat

You can find market leading varieties from across the AHDB Recommended List in our wide product range of winter wheat suitable for multiple end markets, including milling and feed.

Don't forget to take a look at our options tables on pages 54-57 to consider where there might be an opportunity to increase your revenue by incorporating an environmental action alongside your combinable crops or speak to your local advisor about our structured grain contracts or growers' groups.

Variety icons key
Find it under the fold-out panel with the Contents.

KWS Arnie

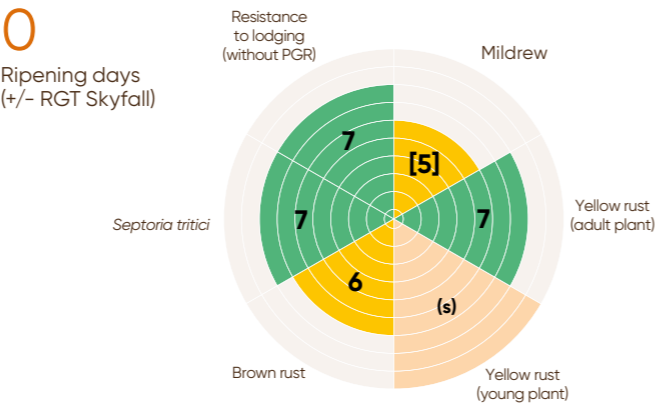
KWS UK Ltd
Pedigree: **KWS Zyatt x KWS Extase**



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

| Type | UKFM Group 2 winter wheat |
|-----------------------------------|---------------------------|
| UK treated yield (% controls)* | 106 |
| North treated yield (% controls)* | [103] |
| Untreated yield (% controls)* | 87 |
| Protein milling trials (%)* | 10.9 |
| Protein all trials (%)* | [12.1] |
| HFN* | 287 |
| Specific weight (kg/hl)* | 79.1 |

*AHDB Recommended List Winter Wheat 2025/26.



New for drilling in 2025, KWS Arnie offers growers feed wheat yields with the potential of a Group 2 premium where available.

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

KWS Solitaire

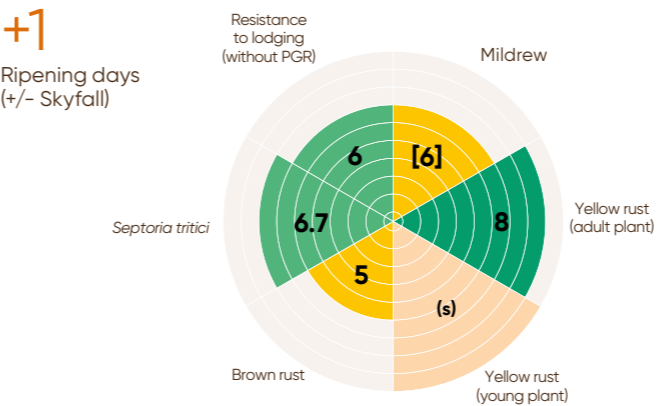
KWS UK Ltd
Pedigree: **LG Sundance x Shabras**



Soft wheat with market-leading combination of end use potential, Scottish yields and disease resistance including [6] for mildew.

| Type | UKFM Group 3 winter wheat |
|----------------------------------|---------------------------|
| UK Gross output (% controls)* | 107 |
| North Gross output (% controls)* | [108] |
| Untreated yield (% controls)* | 88 |
| Protein milling trials (%)* | 10.6 |
| Protein all trials (%)* | [11.8] |
| HFN* | 179 |
| Glucosinolates (µmol/g)* | 77.1 |

*AHDB Recommended List Winter Wheat 2025/26.



The UK's highest-yielding soft wheat, KWS Solitaire offers growers good gross margin potential through access to biscuit, distilling, export and feed markets where available.

Good early-sown performance (111%) before 25th September, but growers are advised to use a good PGR programme and/or delay sowing until the second or third week in September to reduced lodging risks. This variety delivers good first cereal wheat yields (105%) and performance on heavy land (106%) with the added benefit of orange wheat blossom midge (OWBM) resistance.

Bamford

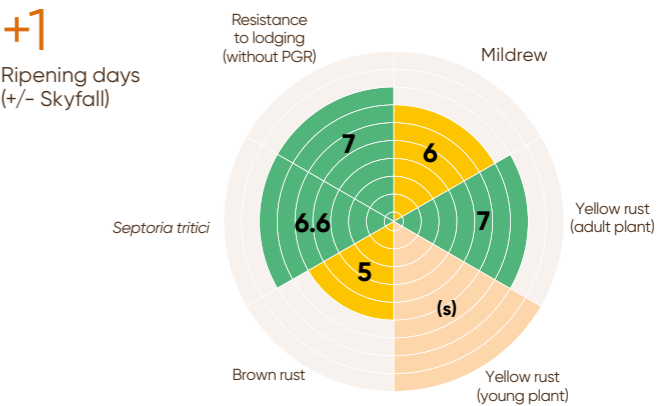
Elsoms Wheat Ltd
Pedigree: **Moulton x EW129**



Sporting the highest untreated yield of all Recommended Group 3 varieties, Bamford has a wide sowing window and is especially suited to early sowing thanks to its stiff straw and Pch1 resistance to eyespot.

| Type | UKFM Group 3 winter wheat |
|-----------------------------------|---------------------------|
| UK treated yield (% controls)* | 106 |
| North treated yield (% controls)* | 107 |
| Untreated yield (% controls)* | 90 |
| Protein milling trials (%)* | 10.7 |
| Protein all trials (%)* | 11.6 |
| HFN* | 247 |
| Specific weight (kg/hl)* | 78.7 |

*AHDB Recommended List Winter Wheat 2025/26.



Bamford continues to deliver consistently high yields over the past contrasting seasons, coupled with the benefit of soft market added value opportunities for growers due to its excellent grain package.

A good performer in both the first and second wheat slots, Bamford has high untreated yields (90%) backed by good all-round disease resistances, including the Pch1 gene and stiff straw (twin 7s for standing) which bolsters its performance in the early-sown slot.

KWS Scope

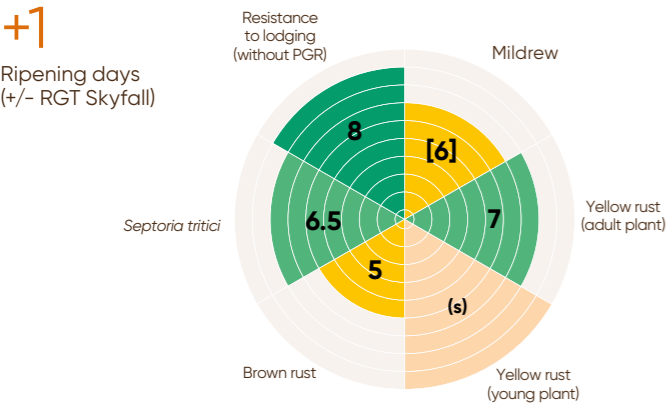
KWS UK Ltd
Pedigree: **Informer x KWS Kinetic**



With it’s best performances in this region (107%) and as a first cereal (108%) and in the early sown slot ([110%]) KWS Scope delivers yields and grain quality to growers in Scotland.

| Type | UKFM Group 4, hard winter wheat |
|-----------------------------------|---------------------------------|
| UK treated yield (% controls)* | 108 |
| North treated yield (% controls)* | [107] |
| Untreated yield (% controls)* | 85 |
| Protein All trials (%)* | 10.4 |
| HFN* | 247 |
| Specific weight (kg/hl)* | 78.9 |

*AHDB Recommended List Winter Wheat 2025/26.



As the highest yielding wheat across all groups on the 2025/26 Recommended List, KWS Scope delivers the UK’s next yield jump thanks to its novel genetics for the UK.

The cross has German-bred wheat Informer as one of its parents – a successful European wheat which was tall but clean and had bread-making potential. A medium-high tillering variety, KWS Scope is a short (89cm without PGR) and stiff variety which has a similar maturity to the nation’s favourite, KWS Dawsum. Disease ratings are good across the board with a 7 for yellow rust and a 6.5 for Septoria. At a score of 4, eyespot will need monitoring. The variety also comes with the benefits of orange wheat blossom midge (OWBM) resistance.

LG Beowulf

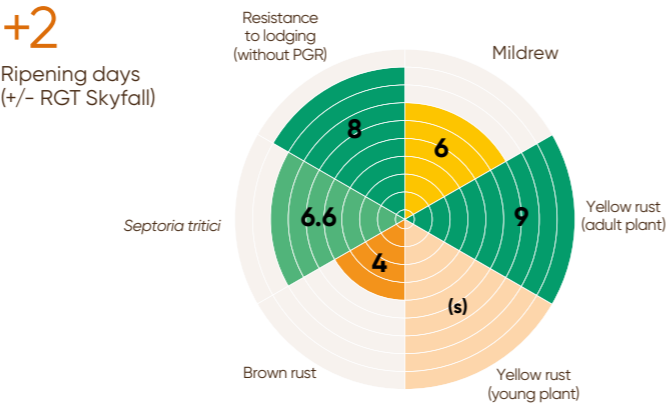
Limagrain
Pedigree: **Costello x Gleam**



A complete package of yield, straw strength and grain quality to meet the demands of more challenging growing regions such as Scotland.

| Type | UKFM Group 4, hard winter wheat |
|-----------------------------------|---------------------------------|
| UK treated yield (% controls)* | 105 |
| North treated yield (% controls)* | 107 |
| Untreated yield (% controls)* | 85 |
| Protein All trials (%)* | 10.9 |
| HFN* | 253 |
| Specific weight (kg/hl)* | 78.5 |

*AHDB Recommended List Winter Wheat 2025/26.



Taking the best characteristics of its parent varieties, LG Beowulf delivers high yield potential with the added benefit of stiff straw (twin 8s for standing) and good grain.

It’s a flexible variety with its best performances often in second wheat and later drilled slots. LG Beowulf has an excellent disease package including very good adult yellow rust resistance (9) backed-up by resistance to the disease at seedling stage. Brown rust at a score of 4 will need to be monitored. A later maturing variety at +2 maturity, LG Beowulf benefits from orange wheat blossom midge (OWBM) resistance.

SY Insitor

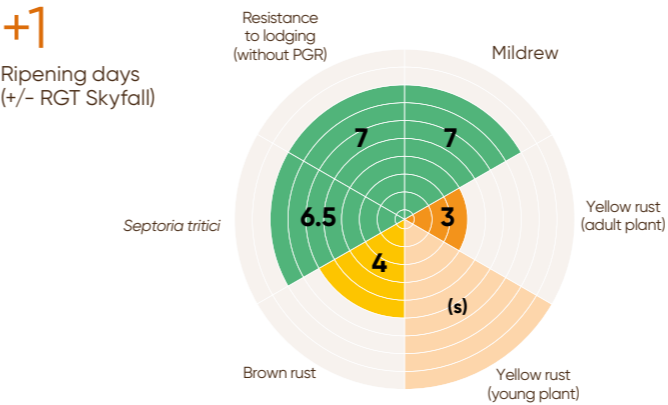
Syngenta
Pedigree: **(Hereford x Oakley) x Hereford**



A sound second wheat choice for growers looking for a great combination of yield with grain quality. Yellow rust will need appropriate attention.

| Type | UKFM Group 4, hard winter wheat |
|-----------------------------------|---------------------------------|
| UK treated yield (% controls)* | 105 |
| North treated yield (% controls)* | 107 |
| Untreated yield (% controls)* | 75 |
| Protein All trials (%)* | 10.3 |
| HFN* | 272 |
| Specific weight (kg/hl)* | 78.8 |

*AHDB Recommended List Winter Wheat 2025/26.



Grown for a number of seasons, SY Insitor is the light land specialist that delivers very good yields, especially in the north (107%).

A taller, medium-strength strawed variety, SY Insitor has medium maturity (+1). Its disease scores are variable, with good scores for mildew (7) and Septoria (6.5) but a lower score for yellow rust. At a score of 3, precise yellow rust management will be a priority on this variety. OWBM resistant.



KWS Dawsum

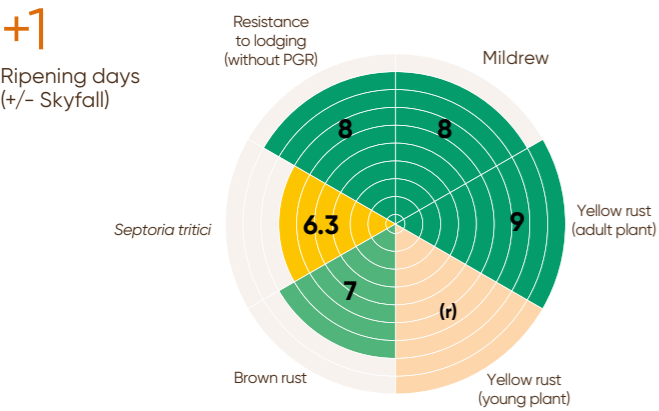
KWS UK Ltd
Pedigree: **KWS Kerrin x Costello**



Still the best combination of high specific weight and yield potential for Scottish growers. Flexible across the rotation with good disease, stiff straw and access to a wide sowing window.

| Type | UKFM Group 4, hard winter wheat |
|-----------------------------------|---------------------------------|
| UK treated yield (% controls)* | 103 |
| North treated yield (% controls)* | 106 |
| Untreated yield (% controls)* | 89 |
| Protein All trials (%)* | 10.7 |
| HFN* | 310 |
| Specific weight (kg/hl)* | 79.9 |

*AHDB Recommended List Winter Wheat 2025/26.



The largest sown variety coming to harvest in 2025, KWS Dawsum continues to deliver the highest specific weights (79.9kg/hl) combined with excellent treated and untreated yields across the regions.

An excellent disease package with very high resistance to mildew (8), yellow rust (9) and Septoria (6.3). It's suited to earlier drilling, but growers should remember that disease scores slip the earlier the crop is sown – hence fungicide and PGR management is advised.

LG Typhoon

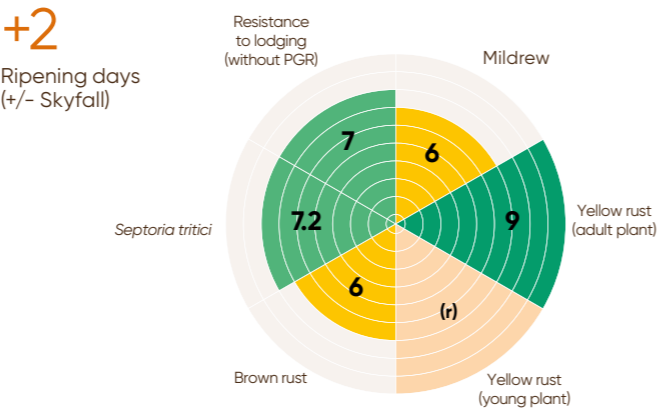
Limagrain
Pedigree: **Garrus x LGW88**



Still the best combination of high specific weight and yield potential for Scottish growers. Flexible across the rotation with good disease, stiff straw and access to a wide sowing window.

| Type | UKFM Group 4, hard winter wheat |
|-----------------------------------|---------------------------------|
| UK treated yield (% controls)* | 101 |
| North treated yield (% controls)* | 103 |
| Untreated yield (% controls)* | 87 |
| Protein All trials (%)* | 10.6 |
| HFN* | 165 |
| Specific weight (kg/hl)* | 77.4 |

*AHDB Recommended List Winter Wheat 2025/26.



With the highest untreated yield of the hard Group 4s on the 2025/26 Recommended List, LG Typhoon has a strong set of disease characteristics including 9 for yellow rust, 7.2 for Septoria and 6 for mildew.

This gives growers options to cope with very high disease pressures as well as flexibility with input timings. Its best performances are seen when sown before 25th September, performing well on light and heavy soils or in the second wheat slot. A later maturing variety (+2), LG Typhoon has the added benefit of OWBM resistance.



Winter Barley

With both conventional and hybrid options available, our winter barley varieties offer market leading options from across the Recommended List.

Don't forget to take a look at our options tables on pages 54–57 to consider where there might be an opportunity to increase your revenue by incorporating an environmental action alongside your combinable crops or speak to your local advisor about our structured grain contracts for marketing opportunities with Frontier.

Variety icons key
Find it under the fold-out panel with the Contents.

SY Quantock

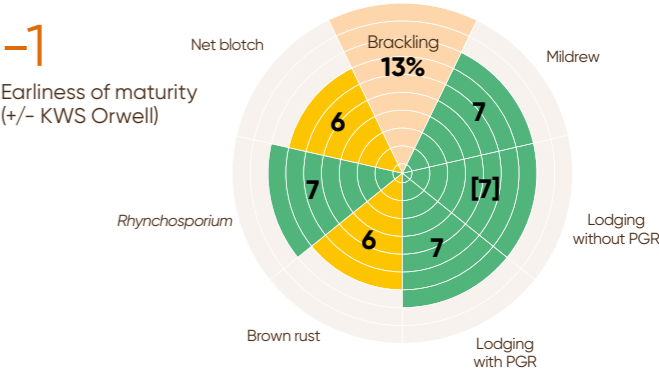
Syngenta



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

| Type | Hybrid, six-row feed winter barley |
|-------------------------------|------------------------------------|
| UK yield (% controls)* | 109 |
| North (% controls) | [109] |
| Untreated yield (% controls)* | 93 |
| Specific weight (kg/hl)* | 70.4 |

*AHDB Recommended List Winter Barley 2025/26.



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

The highest untreated yield of the recommended hybrid barleys, SY Quantock has a good set of disease scores backed by stiff straw and lower brackling (13%) than on-farm favourites SY Kingsbarn and SY Kingston. A high specific weight of 70.4kg/hl completes this attractive package.

SY Kingston

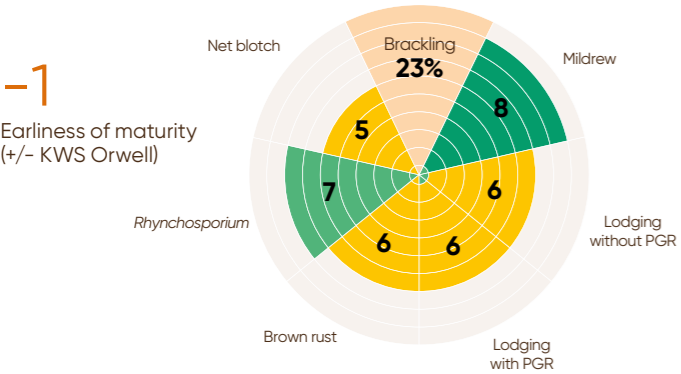
Syngenta



A strong performer for more northern growers with consistently good yields and good resistance to mildew (8).

| Type | Hybrid, six-row feed winter barley |
|-------------------------------|------------------------------------|
| UK yield (% controls)* | 107 |
| North (% controls) | 105 |
| Untreated yield (% controls)* | 85 |
| Specific weight (kg/hl)* | 70.2 |

*AHDB Recommended List Winter Barley 2025/26.



SY Kingston has one of the best all-round disease packages of the hybrids, including an 8 for mildew which will be attractive to more northern growers.

It produces good grain with a high specific weight (70.2kg/hl) and its early maturity adds greater flexibility at harvest time and an opportunity to manage workload more effectively.

KWS Tardis

KWS UK Ltd

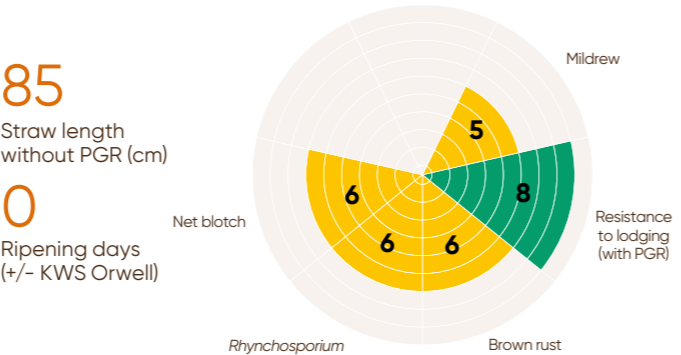
Pedigree: 11-12 x KWS Orwell



A complete package of yield, untreated yield, straw strength and grain quality to meet the demands of more challenging growing regions such as Scotland.

| Type | Conventional, two row feed |
|-----------------------------------|----------------------------|
| UK treated yield (% controls)* | 104 |
| North treated yield (% controls)* | 104 |
| Untreated yield (% controls)* | 85 |
| Specific weight (kg/hl)* | 70.1 |

*AHDB Recommended List Winter Barley 2025/26.



The UK’s most widely grown winter barley variety for harvest 2025, KWS Tardis is a tried and tested conventional feed that continues to perform no matter the site or season.

Northern growers will be impressed by its stiff straw. Along with Kitty, these are the only two-rows to have twin 8s for standing with and without PGR. In addition, KWS Tardis has an excellent disease package, boasting 6s for *Rhynchosporium*, net blotch and brown rust and a better mildew score at 5 than its parent KWS Orwell. It’s also early to mature (0 days +/- KWS Orwell) and delivers marketable grain with a very good specific weight (70.1 kg/hl) and low screenings.

LG Caravelle

Limagrain

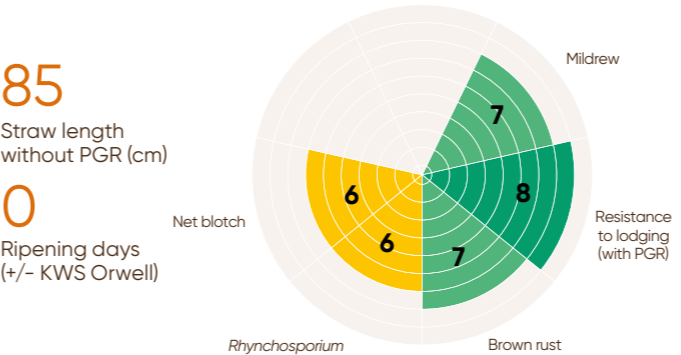
Pedigree: LGBU11-5495B x KWS Moselle



A great combination of yield and grain quality for winter barley growers in the north. With one of the highest untreated yields, it’s backed by an impressive set of disease scores including 7s for both mildew and brown rust.

| Type | Conventional, two row feed |
|-----------------------------------|----------------------------|
| UK treated yield (% controls)* | 106 |
| North treated yield (% controls)* | 104 |
| Untreated yield (% controls)* | 91 |
| Specific weight (kg/hl)* | 71.4 |

*AHDB Recommended List Winter Barley 2025/26.



A consistently high yielding two row feed for the north, LG Caravelle offers growers one of the best specific weights on the RL (71.4kg/hl) with low screenings (1.8% and 5.1% through a 2.25mm and 2.5mm sieve respectively).

It performs well on light (104%) and heavy land (106%), has a strong disease package and is agronomically sound with reasonably stiff straw (7 without PGR, 8 with PGR) medium height and mid-maturity.

SY Vessel

Syngenta UK Ltd

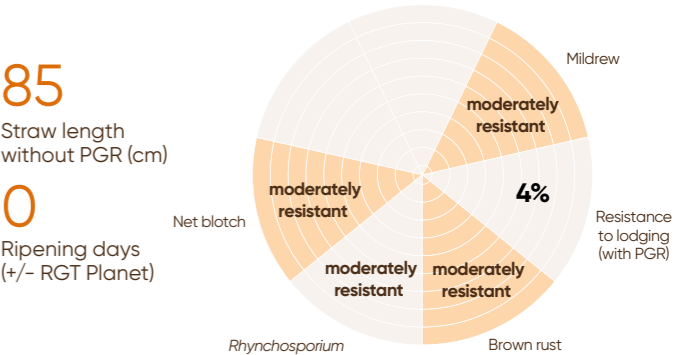
Pedigree: Overture x SY Venture



A unique variety to enable winter barley growers to serve local markets distilling in Scotland. Competitive yields in Scotland (8.1t/ha) are coupled with stiff straw and moderate maturity – ripening at a similar rate as Craft.

| Type | Conventional two row malt distilling (non-GN) |
|---------------------------------------|---|
| Scottish Yield (treated yields t/ha)* | 8.1 |
| English Yield (treated yields t/ha)* | 8.4 |
| Untreated yield (% controls) | - |
| Specific weight (kg/hl)* | 70.4 |

*Syngenta Dataset.



SY Vessel is a special quality non-GN winter malting barley with Full Special Use MBC Approval for Malt Distilling.

It is a winter barley with competitive yields in Scotland along with the high hot water extract (310.7 l deg/kg) and predicted spirit yields (430.4 laa/t) sought after by many end users. A solid agronomic package including reasonably stiff straw (94% lodging with PGR) make this a suitable variety to offer flexibility in rotations. Contracts are available for harvest 2026 and growers are advised to talk to their local markets to discuss nitrogen requirements.



Winter Oats

To help growers achieve oat milling specifications, we offer varieties from across the Recommended List.

Here we recommend the variety best suited to Scotland, but please speak to your local advisor if you'd like to find out more about other available options.

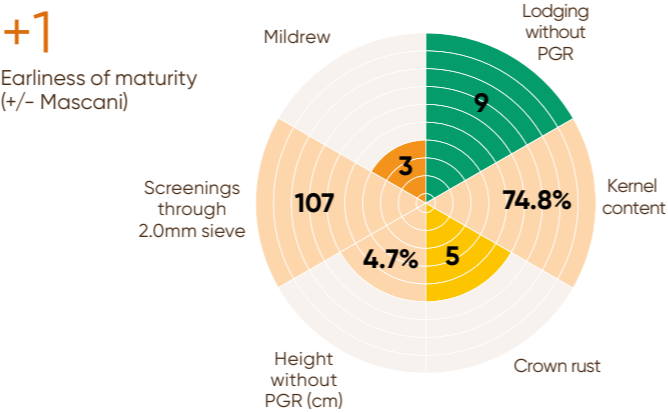
Cromwell

Senova
Pedigree: **Mascani x 2009-215**

An excellent combination of high yields with the best specific weight on the 2025/26 RL.

| Type | Winter, husked oat |
|-----------------------------------|--------------------|
| UK treated yield (% controls)* | 103 |
| North treated yield (% controls)* | 84 |
| Specific weight (kg/hl) | 55 |

*AHDB Recommended List Winter Oats 2025/26.



Cromwell is an exciting Mascani cross which out-yields its parent by 8% in Recommended List trials.

A shorter and exceptionally stiff-strawed variety (9), it has a good untreated yield but, at a score of 3, attention will be needed to control mildew. Cromwell has many of the characteristics sought after by domestic oat millers including an excellent kernel content and very high specific weight.



Winter Rye

To help growers access multiple end markets for rye, we offer varieties from across the Recommended List.

Here we recommend the variety best suited to Scotland, but please speak to your local advisor if you'd like to find out more about other available options.

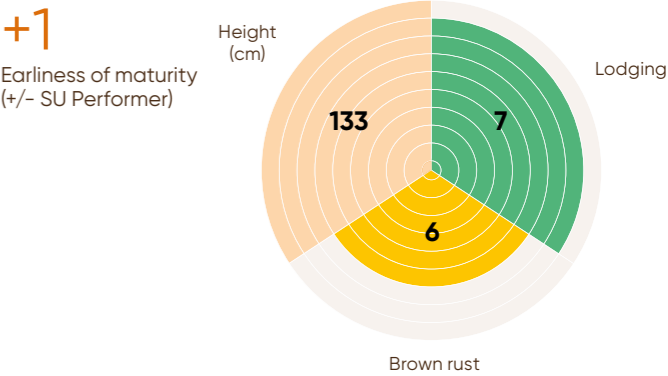
KWS Tayo

KWS UK Ltd

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

| Type | Winter, hybrid rye |
|-------------------------|--------------------|
| UK yield (% controls)* | 101 |
| Protein content (%) | 8.8 |
| HFN | 241 |
| Specific weight (kg/hl) | 76.0 |

*AHDB descriptive List Hybrid Rye 2025/26.



Suited for sowing in all regions of the UK, KWS Tayo brings high yields, strong brown rust resistance and good standing power to growers.

It's a multi-purpose variety and can be used in a variety of scenarios from whole crop for anaerobic digestion to feed for pigs and poultry and some food industry applications. KWS Tayo also has improved resistance to ergot thanks to PollenPLUS technology.



Autumn Environmental Seed

Autumn is the perfect time to incorporate new actions into your environmental land management, including legume fallow, green cover and specialist grasses. You can find some of our most popular products listed here.

Don't forget to refer to the options table on pages 54-57 to learn more about the agri-environment schemes in Scotland for which these mixes are suitable.

Legumes

Annual Legume Fallow Mix

K122

A grass-free annual mix ideal for building soil fertility and visually very attractive.

Contains: berseem clover, red clover, crimson clover, white clover, balansa clover, serradella and vetch.

12kg/ha 12kg pack



Green Cover Straights

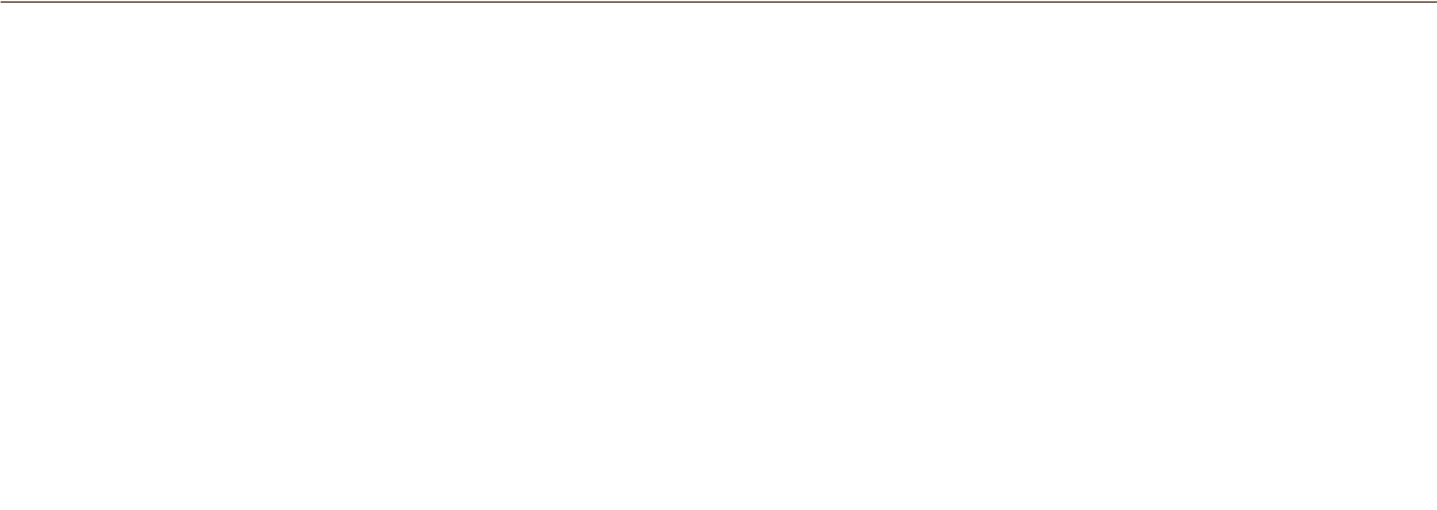
Green cover helps improve soil health and structure, mitigate against harsh weather and improve overall business durability.

Browse our range of green cover straights or speak to your local advisor about developing a bespoke mixture for your land.

Legumes

- Why?**
Working as fertility builders, legumes are a great option for biomass production and often chosen for their soil covering properties.
- How?**
- The nitrogen fixing capabilities of legumes is perhaps what they are most known for.
 - The interactive nature of a legume's roots mean that soil fungi can work in symbiosis with the legume to provide a range of soil benefits, including fixing nitrogen.
 - Vetch is a popular choice for fast growth and a quick fix of nitrogen – a great addition to a cover crop.





Brassicas

Why?

Brassicas trap residual nitrogen in the soil, reducing the amount of nutrient lost to leaching over winter. Radishes, with their impressive root structure, can bust through a compacted soil profile. Tillage radish is a firm choice for those looking for overwinter soil structure improvement.

How?

- Brassicas are superb nitrogen scavengers, capturing more nitrogen than other species in a cover crop window.
- Provide large biomass production to a cover crop mixture.
- Choosing a forage-friendly brassica can take your cover crop to the next level, bringing a grazing bonus to the field.



Oil Radish

Cereals

Why?

Cereals provide a valuable soil conditioning function while allowing for a more forgiving drilling window and late winter forage option.

How?

- Cereal roots are fine and fibrous making them ideal soil conditioners.
- Mostly winter hardy and more tolerant of the cold than other options.
- Can protect your soil though the winter and then provide an early forage option before spring drilling.



Oat and Phacelia Mix



| Green Cover Straight | Ideal Sowing | | | | Key Information |
|--------------------------|--------------|-----|-----|-----|--|
| | Jul | Aug | Sep | Oct | |
| CEREALS | | | | | |
| Winter oat | | | | | Low-cost and winter hardy with good biomass and fibrous root system. |
| Black oat | | | | | Quick summer growth and supports good nematode control but frost-sensitive. |
| Forage rye | | | | | High volume biomass and valuable grazing achieved with late summer establishment. |
| Grain rye | | | | | A general-purpose cover crop component. |
| LEGUMES | | | | | |
| Balansa clover | | | | | A quick-growing annual that is valuable for grazing. |
| Berseem clover | | | | | A quick-growing annual clover with cover or companion crop uses. |
| Crimson clover | | | | | An annual with distinctive deep red flowers; a visually attractive component of green cover mixtures. |
| Red clover | | | | | A perennial suitable for one year cover or grazing use. |
| White clover | | | | | A perennial suitable for grazing and can be used as a living mulch option. |
| Common vetch | | | | | Ideal for use as a straight or within a mix. |
| Hairy vetch | | | | | Good frost tolerance and provides effective over winter nitrogen fixation. |
| Serradella | | | | | A grazing-friendly vetch-like legume with a creeping growth habit. |
| Blue lupins | | | | | Nitrogen fixing with an extensive root system and valuable forage protein. |
| BRASSICAS | | | | | |
| Oil radish (Siletina) | | | | | Classical radish variety, quick growth and flowering, suited to late-sown mixtures. |
| Oil radish (Bokito) | | | | | A BCN Class 2 variety. Very good re-growth ability so an option where grazing is required. |
| Oil radish (Angus) | | | | | Multi-resistant, medium-flowering. Efficient at reducing free living nematodes such as corn root-knot. |
| Oil radish (Baracuda) | | | | | Combines a high early vigour with very late flowering and beet-cyst nematode resistance (Level 2). |
| Oil radish (Defender) | | | | | Multi-resistant, medium-flowering. Efficient at reducing free living nematodes such as root-knot and root lesion. |
| Oil radish (Sunday) | | | | | Late flowering, low-growing, BCN resistance (Level 2). The latest flowering radish in our portfolio. |
| Stinger (Tillage Radish) | | | | | A tillage (Daikon type) oil radish with very deep powerful roots. Excellent choice for soil structure improvement. |
| White mustard | | | | | Quick-growing, frost-sensitive. |
| Brown mustard | | | | | Displays greater winter hardiness compared to white mustard. |
| Turnip rape | | | | | Quick-growing and winter-hardy, particularly suited to later planting. Good forage source. |
| OTHER SPECIES | | | | | |
| Phacelia | | | | | Extensive, shallow fibrous roots with reliable biomass production. |
| Sunflowers | | | | | Often used within a summer catch crop; quick-growing and frost-sensitive. |
| Common buckwheat | | | | | Quick-growing and frost-sensitive, ideal as a companion with oilseed rape crops. |
| Tataricum buckwheat | | | | | Smaller seed, greater biomass. Later to flower and more frost-tolerant compared with common buckwheat. |
| Linseed | | | | | Quick-growing and reliable fibrous root production. |

Green Cover Mixes

Forage Rye and Radish Mix

K65

An effective straight-forward mix, suitable for EFA, with good grazing potential.

Contains: forage rye and oil radish.

25kg/ha 25kg pack

Radish and Phacelia Mix

K76

A simple 2 way – EFA compliant mix offering varying root depths.

Contains: oil radish and phacelia.

12.5kg/ha 12.5kg pack

Vetch and Rye Mix

KVRCOVER

A versatile mix that can be utilised for grazing – sow by early August for best results.

Contains: rye and vetch.

40kg/ha 25kg pack

Oat and Phacelia Mix

KOATP

A simple, economical and highly effective mix commonly used before a legume crop and useful for a later sowing window.

Contains: winter oats, phacelia and red clover.

25kg/ha 25kg pack

Traditional Power Mix

K90

A valuable blend covering a range of rooting depths.

Contains: winter oats, oil radish and phacelia.

25kg/ha 25kg pack

Basic Soil Improver Mix

K67

An economical soil health improvement mix.

Contains: winter oats, vetch and phacelia.

15-20kg/ha 20kg pack

Radish, Vetch and Phacelia Mix

K72

A good all-round cover crop suitable for grazing, suited to earlier sowing windows.

Contains: vetch, oil radish and phacelia.

20kg/ha 20kg pack

Post-Harvest Grazing Mix

KGRAZE

Bringing together the best of grazing and cover crops, this mix strikes the balance required to deliver for both your livestock and soils.

Contains: forage rape, kale rape, tillage radish, turnip rape, berseem clover and stubble turnips.

8-10kg/ha 10kg pack





Seed Treatments

Seed treatments are your most cost-effective way to boost yield potential by harnessing seed germination, plant establishment and early growth.

Traditionally containing multi-purpose fungicide dressings (single purpose treatments) and more recently, new unique insecticides, fungicides or biological agents are available with the aim of boosting nitrogen efficiency (enhanced seed treatments).

All of our seed treatments detailed in this section are available with our certified seed or can be applied by your Frontier mobile seed cleaning team.

Vibrance Duo

A rigorous fungicide that also increases root growth to aid establishment in winter and spring wheat, winter triticale, winter rye, spring oats, winter and spring barley. It contains the active ingredients fludioxonil and sedaxane.

- Controls seed and soil-borne diseases
- Boosts early root development
- Improves access to nutrients and water
- Increases yield, establishment and rooting
- Average 5:1 return on investment

Nuello IN

A seed treatment that improves nitrogen use efficiency by enabling the crop to convert freely available nitrogen from its surroundings into a form that it can use. It can be used to complement existing nitrogen strategies, manage nitrogen-limiting situations and to substitute up to 30kg/ha of nitrogen where synthetic inputs are reduced.

- Improves nitrogen use efficiency
- Enhances crop biomass
- Aids root development

Latitude

A specialist fungicide treatment for reducing the impact of take-all disease, which is estimated to affect half of all wheat crops. It contains the active ingredient Silthiofam.

- Protects yield and quality
- Reduces take-all
- Enables earlier drilling on second cereals
- Improves nutrient and water uptake

Winter Wheat

Variety Table

| | | | Fungicide-treated grain yield (% treated control) | | Disease resistance | | | | Agronomic features | | | | Grain quality | |
|------------------|-------------------------|----------------|---|--------------------------|--------------------|-------------------|------------------------|---------------|--------------------------------------|----------------------|----------------------------|-----------------------------|------------------------|-------------------------|
| | Scope of recommendation | Variety status | United Kingdom (10.8 t/ha) | North region (10.8 t/ha) | Mildew (1–9) | Yellow rust (1–9) | Septoria tritici (1–9) | Eyespot (1–9) | Resistance to lodging with PGR (1–9) | Lodging with PGR (%) | Straw length with PGR (cm) | Ripening (days +/- Skyfall) | Hagberg Falling Number | Specific weight (kg/hl) |
| UKFM GROUP 1 | | | | | | | | | | | | | | |
| KWS Zyatt | UK | | 100 | 100 | 7 | 3 | 6.3 | 7@ | 8 | 1 | 76 | 0 | 259 | 78.7 |
| KWS Vibe1 | UK | NEW | 98 | [99] | [7] | 8 | 6.6 | 7@ | 8 | 1 | 79 | +1 | 283 | 79.1 |
| Skyfall | UK | C | 97 | 96 | 6 | 3 | 5.9 | 6@ | 8 | 2 | 78 | +0 | 280 | 79.4 |
| SY Cheer | UK | | 96 | 98 | 7 | 8 | 6.0 | 4 | 7 | 2 | 83 | +1 | 299 | 79.8 |
| RGT Illustrious | UK | | 96 | 96 | 6 | 8 | 6.1 | 6@ | 9 | 1 | 81 | +1 | 260 | 78.3 |
| Crusoe | UK | | 95 | 94 | 6 | 8 | 6.5 | 6 | 8 | 2 | 77 | +1 | 272 | 78.5 |
| UKFM GROUP 2 | | | | | | | | | | | | | | |
| KWS Arnie | UK | NEW | 106 | [103] | [5] | 7 | 7.0 | 5 | 7 | 2 | 81 | –0 | 287 | 79.1 |
| KWS Equipe | UK | NEW | 103 | [100] | [7] | 7 | 7.0 | 4 | 7 | 5 | 87 | –1 | 305 | 79.5 |
| KWS Newbie | UK | NEW | 103 | [107] | [5] | 9 | 6.2 | 5 | 7 | 5 | 77 | –0 | 305 | 78.4 |
| LG Shergar | UK | NEW | 102 | [105] | [7] | 7 | 6.7 | 5 | 8 | 1 | 76 | +1 | 289 | 80.4 |
| KWS Extase | UK | C | 102 | 101 | 6 | 7 | 7.0 | 3 | 7 | 3 | 86 | –1 | 287 | 79.2 |
| KWS Ultimatum | UK | | 102 | 103 | 7 | 9 | 6.6 | 6 | 7 | 2 | 77 | +2 | 275 | 79.9 |
| KWS Palladium | UK | | 101 | 101 | 7 | 9 | 7.2 | 6 | 8 | 2 | 79 | –1 | 309 | 77.7 |
| Mayflower | UK | | 98 | 98 | 7 | 9 | 8.9 | 5@ | 7 | 3 | 82 | +0 | 299 | 79.2 |
| RGT Goldfinch | Sp | NEW | 89 | [91] | [7] | 9 | 6.9 | 5 | 7 | 3 | 80 | +3 | 279 | 78.2 |
| UKFM GROUP 3 | | | | | | | | | | | | | | |
| KWS Solitaire | UK | NEW | 107 | [108] | [6] | 8 | 6.7 | 4 | 6 | 9 | 83 | +1 | 179 | 77.1 |
| Bamford | UK | | 106 | 107 | 6 | 7 | 6.6 | 6@ | 7 | 3 | 83 | +1 | 247 | 78.7 |
| KWS Flute | UK | NEW | 106 | [108] | [6] | 6 | 6.2 | 5 | 7 | 4 | 77 | +1 | 198 | 78.4 |
| Almara | N | | 98 | 102 | 6 | 8 | 5.8 | 4 | 8 | 2 | 80 | +2 | 193 | 77.9 |
| LG Astronomer | UK | *C | 97 | 98 | 4 | 9 | 5.7 | 5 | 8 | 1 | 80 | +1 | 241 | 78.2 |
| SOFT GROUP 4 | | | | | | | | | | | | | | |
| LG Redwald | E&W | | 106 | 107 | 5 | 7 | 6.3 | 4 | 5 | 17 | 88 | +2 | 154 | 75.7 |
| RGT Hexton | UK | NEW | 105 | [111] | [6] | 7 | 6.8 | 4 | 7 | 3 | 81 | +2 | 236 | 77.0 |
| KWS Zealum | N | | 102 | 103 | 6 | 9 | 6.2 | 5 | 8 | 2 | 82 | +2 | 206 | 76.8 |
| Blackstone | UK | | 102 | 104 | 6 | 9 | 5.9 | 5 | 7 | 2 | 83 | +2 | 295 | 78.6 |
| RGT Bairstow | N | | 101 | 102 | 6 | 8 | 5.7 | 4 | 7 | 4 | 82 | +2 | 227 | 76.6 |
| LG Skyscraper | UK | C | 101 | 100 | 7 | 7 | 5.0 | 5 | 6 | 7 | 83 | +0 | 205 | 77.1 |
| HARD GROUP 4 | | | | | | | | | | | | | | |
| KWS Scope | UK | NEW | 108 | [107] | [6] | 7 | 6.5 | 4 | 8 | 2 | 80 | +1 | 247 | 78.9 |
| Champion | UK | | 107 | 105 | 5 | 8 | 7.6 | 4 | 7 | 5 | 81 | +0 | 246 | 75.6 |
| LG Beowulf | UK | | 105 | 107 | 6 | 9 | 6.6 | 6 | 8 | 2 | 80 | +2 | 253 | 78.5 |
| SY Insitor | N | | 105 | 107 | 7 | 3 | 6.5 | 5 | 7 | 3 | 83 | +1 | 272 | 78.8 |
| Oxford | E&W | * | 104 | 102 | 5 | 9 | 6.5 | 5 | 7 | 2 | 79 | +2 | 211 | 76.2 |
| Gleam | UK | C | 103 | 104 | 6 | 5 | 5.7 | 5 | 7 | 3 | 78 | –0 | 221 | 77.1 |
| KWS Dawsum | UK | | 103 | 106 | 8 | 9 | 6.3 | 5 | 7 | 2 | 77 | +1 | 310 | 79.9 |
| Graham | UK | | 103 | 104 | 6 | 7 | 6.5 | 4 | 8 | 2 | 81 | –1 | 278 | 77.8 |
| KWS Cranium | UK | * | 101 | 103 | 4 | 9 | 5.7 | 5 | 8 | 2 | 82 | +3 | 293 | 75.8 |
| LG Typhoon | UK | | 101 | 103 | 6 | 9 | 7.2 | 5 | 7 | 2 | 79 | +2 | 165 | 77.4 |
| RGT Wolverine | UK | | 98 | 98 | 5 | 5 | 6.0 | 6 | 7 | 3 | 79 | +2 | 279 | 76.3 |
| Costello | Sp | * | 97 | 99 | 8 | 9 | 5.7 | 5 | 8 | 1 | 76 | +2 | 330 | 81.3 |
| Average LSD (5%) | UK | * | 3.1 | 4.5 | 1.4 | 0.6 | 0.9 | 1.3 | 1.1 | | 1.5 | 0.7 | 22.6 | 0.7 |

Winter Barley


Variety Table

| | | | Fungicide-treated grain yield (% treated control) | | Disease resistance | | | | Agronomic features | | | | Grain quality |
|------------------|-------------------------|----------------|---|--------------------------|--------------------|------------------|----------------------|------------------|--------------------------------------|----------------------------|---------------|--------------------------------|-------------------------|
| | Scope of recommendation | Variety status | United Kingdom (9.6 t/ha) | North region (10.4 t/ha) | Mildew (1–9) | Brown rust (1–9) | Rhynchosporium (1–9) | Net blotch (1–9) | Resistance to lodging with PGR (1–9) | Straw length with PGR (cm) | Brackling (%) | Ripening (days +/- KWS Orwell) | Specific weight (kg/hl) |
| TWO-RROW MALTING | | | | | | | | | | | | | |
| Buccaneer | UK | | 99 | 99 | 6 | 8 | 6 | 6 | 7 | 91 | 5 | 1 | 69.5 |
| Electrum | UK | *C | 96 | 96 | 6 | 7 | 5 | 6 | 6 | 91 | 12 | –1 | 69.8 |
| Craft | UK | C | 93 | 93 | 6 | 7 | 6 | 5 | 8 | 90 | 13 | 0 | 69.7 |
| TWO-RROW FEED | | | | | | | | | | | | | |
| KWS Valencis | UK | NEW | 106 | [106] | 6 | 7 | 6 | 6 | 8 | 88 | 8 | 0 | 69.8 |
| LG Caravelle | UK | | 106 | 104 | 7 | 7 | 6 | 6 | 8 | 85 | 11 | 0 | 71.4 |
| LG Capitol | UK | | 106 | 105 | 6 | 7 | 6 | 5 | 7 | 84 | 12 | 0 | 69.9 |
| Russo | E | NEW | 106 | [103] | 5 | 6 | 5 | 6 | 7 | 88 | 17 | 0 | 69.9 |
| NOS Olena | UK | NEW | 106 | [108] | 6 | 6 | 6 | 6 | 8 | 86 | 6 | 0 | 69.6 |
| KWS Heraclis | N | NEW | 104 | [108] | 6 | 7 | 5 | 5 | 8 | 85 | 4 | 0 | 69.4 |
| Kitty | UK | NEW | 104 | [108] | 6 | 5 | 7 | 6 | 8 | 86 | 3 | 2 | 72.7 |
| Rosemary | N | NEW | 104 | [106] | 5 | 7 | 6 | 6 | 7 | 88 | 9 | 1 | 69.1 |
| SU Arion | E&N | NEW | 104 | [105] | 8 | 6 | 6 | 7 | 6 | 89 | 27 | 0 | 68.8 |
| KWS Tardis | UK | C | 103 | 104 | 5 | 6 | 6 | 6 | 8 | 85 | 7 | 0 | 70.1 |
| Bolivia | UK | * | 103 | 103 | 8 | 8 | 6 | 6 | 7 | 88 | 22 | 0 | 69.9 |
| Bolton | UK | | 102 | 101 | 6 | 7 | 5 | 6 | 8 | 84 | 11 | 0 | 69.4 |
| Organa | UK Sp | NEW | 102 | [100] | 6 | 7 | 7 | 5 | 7 | 99 | 20 | 0 | 69.6 |
| LG Carpenter | E&W Sp | NEW | 102 | [97] | 6 | 7 | 7 | 7 | 6 | 93 | 17 | 0 | 70.3 |
| Valerie | UK | | 99 | 100 | 7 | 4 | 6 | 6 | 8 | 87 | 11 | –1 | 70.6 |
| SIX-RROW FEED | | | | | | | | | | | | | |
| Inys# | UK | NEW | 109 | [106] | 7 | 6 | 6 | 5 | 8 | 106 | 7 | –1 | 69.3 |
| SY Quantock# | UK | NEW | 109 | [109] | 7 | 6 | 7 | 6 | 7 | 106 | 13 | –1 | 70.4 |
| SY Kingston# | UK | * | 107 | 105 | 8 | 6 | 7 | 5 | 6 | 109 | 23 | –1 | 70.2 |
| SY Kingsbarn# | N | C | 107 | 107 | 7 | 5 | 7 | 5 | 6 | 105 | 20 | –1 | 70.2 |
| SY Canyon# | UK | | 106 | 106 | 7 | 6 | 7 | 5 | 6 | 108 | 15 | –1 | 71.1 |
| Integral | UK Sp | NEW | 105 | [103] | 4 | 6 | 6 | 6 | 8 | 95 | 4 | 0 | 69.4 |
| Sixy | UK Sp | NEW | 105 | [107] | 7 | 5 | 6 | 5 | 8 | 101 | 6 | 1 | 66.7 |
| SY Nephin# | UK | | 105 | 104 | 6 | 6 | 7 | 6 | 6 | 104 | 26 | –1 | 70.9 |
| SY Kestrel# | UK Sp | NEW | 104 | [104] | 7 | 6 | 7 | 6 | 7 | 106 | 9 | –1 | 68.7 |
| Belfry# | UK | * | 104 | 104 | 6 | 6 | 7 | 5 | 8 | 104 | 13 | –1 | 69.2 |
| KWS Feeris | UK Sp | C | 102 | 101 | 5 | 6 | 6 | 6 | 7 | 96 | 13 | 0 | 69.1 |
| Average LSD (5%) | | | 2.8 | 4.1 | 1.2 | 0.9 | 1.1 | 0.9 | 1.2 | 2.2 | – | 0.7 | 0.8 |

Winter Oilseed Rape

Variety Table

| | | | | Gross output, yield adjusted for oil content (% treated control) | | Disease resistance | | Agronomic features | | | | | |
|------------------------------|--------------|-------------------------|----------------|--|-------------------------|-----------------------|-------------------|-----------------------------|----------------------|-------------------|------------------------------|-----------------------------|------------------------|
| | Variety type | Scope of recommendation | Variety status | United Kingdom (5.1 t/ha) | North region (5.7 t/ha) | Light leaf spot (1–9) | Stem canker (1–9) | Resistance to lodging (1–9) | Stem stiffness (1–9) | Plant height (cm) | Earliness of flowering (1–9) | Earliness of maturity (1–9) | Pod shatter resistance |
| HYBRID | | | | | | | | | | | | | |
| Maverick | Hybrid | E/W | NEW | 108 | 100 | 7 | 9 | [8.0] | [8] | 154 | 7 | 5 | – |
| LG Adapt | Hybrid | UK | NEW | 108 | 108 | 7 | 6 | [8.0] | [8] | 157 | 6 | 5 | R |
| Hinsta | Hybrid | UK | NEW | 106 | [104] | 7 | 5 | [8.0] | [8] | 155 | 6 | 5 | R |
| Magelan | Hybrid | UK | NEW | 106 | [102] | 6 | 5 | [7.8] | [8] | 154 | 7 | 5 | R |
| Turing | Hybrid | E/W | C | 106 | 104 | 7 | 4 | [7.9] | 8 | 146 | 8 | 5 | – |
| LG Armada | Hybrid | UK | | 105 | 105 | 7 | 6 | [8.0] | 9 | 155 | 5 | 5 | R |
| LG Academic | Hybrid | UK | | 105 | 106 | 7 | 6 | [7.9] | 8 | 154 | 7 | 5 | R |
| LG Adeline | Hybrid | UK | | 105 | 107 | 7 | 5 | [7.9] | 8 | 152 | 7 | 5 | R |
| LG Avenger | Hybrid | N | NEW | 104 | [106] | 7 | 5 | [8.0] | [8] | 161 | 6 | 5 | R |
| Murray | Hybrid | E/W | | 104 | 102 | 7 | 8 | [8.0] | 9 | 153 | 7 | 5 | – |
| LG Auckland | Hybrid | E/W | * | 104 | 103 | 7 | 5 | [7.8] | 7 | 150 | 7 | 5 | R |
| Vegas | Hybrid | UK | * | 104 | 103 | 7 | 9 | [7.9] | 8 | 148 | 8 | 5 | – |
| Dolphin | Hybrid | E/W | | 103 | 98 | 6 | 6 | [8.0] | 9 | 146 | 7 | 4 | – |
| Attica | Hybrid | UK | * | 101 | 102 | 7 | 5 | [7.9] | 8 | 153 | 7 | 5 | R |
| Ambassador | Hybrid | E/W | *C | 101 | 100 | 7 | 6 | 7.9 | 8 | 150 | 7 | 6 | R |
| Aurelia | Hybrid | UK | *C | 101 | 102 | 7 | 4 | 7.9 | 7 | 146 | 7 | 5 | R |
| LG Wagner | Hybrid | N | * | 101 | 105 | 7 | 4 | [7.9] | [8] | 147 | 7 | 5 | R |
| CONVENTIONAL OPEN-POLLINATED | | | | | | | | | | | | | |
| Pi Pinnacle | Conv | UK | | 101 | 101 | 7 | 4 | [8.0] | 9 | 152 | 5 | 5 | – |
| Tom | Conv | UK | | 100 | 100 | 6 | 5 | [8.0] | [9] | 146 | 7 | 5 | – |
| Powerhouse | Conv | N | NEW | 99 | 102 | 7 | 5 | [8.0] | [8] | 142 | 6 | 5 | – |
| Annika | Conv | E/W | | 98 | 96 | 7 | 5 | [8.0] | 9 | 146 | 6 | 4 | – |
| Acacia | Conv | UK | * | 97 | 98 | 5 | 5 | 8.0 | 8 | 142 | 6 | 5 | – |
| Aspire | Conv | N | *C | 95 | 97 | 7 | 5 | 8.0 | 8 | 139 | 7 | 5 | – |
| Amarone | Conv | N | * | 94 | 98 | 7 | 5 | [8.0] | [8] | 140 | 7 | 5 | – |
| HERBICIDE TOLERANT | | | | | | | | | | | | | |
| Miraculix CL | Hybrid | N Sp | | 94 | 93 | 5 | 6 | [7.9] | 8 | 155 | 7 | 6 | R |
| Beatrix CL | Hybrid | E/W Sp | | 94 | 89 | 5 | 6 | [7.9] | 8 | 149 | 7 | 6 | R |
| Matrix CL | Hybrid | UK Sp | | 93 | 93 | 6 | 6 | 7.8 | 7 | 152 | 7 | 6 | R |
| SOFT GROUP 4 | | | | | | | | | | | | | |
| LG Redwald | Hybrid | UK Sp | NEW | 103 | 101 | 6 | 7 | [8.0] | [8] | 155 | 6 | 5 | – |
| RGT Hexton | Hybrid | UK Sp | NEW | 98 | 96 | 6 | 5 | [7.9] | [8] | 150 | 6 | 5 | – |
| KWS Zealum | Hybrid | E/W Sp | | 97 | 90 | 6 | 4 | [8.0] | 8 | 144 | 6 | 5 | – |
| Blackstone | Hybrid | N Sp | | 94 | 95 | 6 | 2 | 8.0 | 8 | 143 | 7 | 5 | – |



Need a deep dive?

Our Combinable & Environmental Options Tables can be found in this section.

Spring Barley

Variety Table

| | | | Fungicide-treated grain yield (% treated control) | | Untreated grain yield (% treated control) | Disease resistance | | | Agronomic features | | | | Main market options | Grain quality | |
|-------------|-------------------------|----------------|---|-------------------------|---|--------------------|------------------|----------------------|---|-------------------------------|--------------------------------|-------------------------------|--|-------------------------|----------------------|
| | Scope of recommendation | Variety status | United Kingdom (7.8 t/ha) | North region (8.1 t/ha) | United Kingdom (7.8 t/ha) | Mildew (1–9) | Brown rust (1–9) | Rhynchosporium (1–9) | Resistance to lodging without PGR (1–9) | Straw length without PGR (cm) | Ripening (days +/- RGT Planet) | Resistance to brackling (1–9) | MBC malting approval for malt distilling use | Specific weight (kg/hl) | Nitrogen content (%) |
| APPROVED | | | | | | | | | | | | | | | |
| Firefoxx | UK | C | 102 | 102 | 86 | 8 | 4 | 6 | 7 | 71 | +0 | 7 | F | 67.8 | [1.46] |
| Laureate | UK | C | 102 | 101 | 89 | 8 | 5 | 7 | 6 | 70 | +1 | 7 | F | 67.8 | 1.48 |
| Skyway | UK | C | 101 | 101 | 87 | 8 | 4 | 7 | 7 | 76 | +1 | 7 | – | 69.9 | 1.51 |
| SY Tennyson | UK | | 101 | 101 | 84 | 8 | 4 | 5 | [7] | 71 | +2 | 7 | F | 67.0 | 1.42 |
| LG Diablo | UK | C | 99 | 100 | 84 | 8 | 4 | 5 | 7 | 72 | +3 | 7 | F | 68.4 | 1.48 |
| RGT Planet | UK | C | 96 | 96 | 83 | 8 | 4 | 5 | 7 | 74 | +0 | 7 | Nt | 69.3 | 1.5 |
| KWS Sassy | UK | | 94 | 96 | 82 | 8 | 5 | 6 | 6 | 79 | +2 | 6 | F | 69.6 | – |
| FEED | | | | | | | | | | | | | | | |
| Hurler | UK | | 104 | 104 | 87 | 8 | 4 | 6 | [8] | 67 | +2 | 8 | – | 66.9 | [1.46] |
| NOS Gambit | UK | | 104 | 102 | 90 | 8 | 5 | 6 | [7] | 69 | +1 | 8 | – | 67.8 | 1.49 |
| DESCRIBED | | | | | | | | | | | | | | | |
| Fairing | UK Gr.Dis | | 91 | 90 | 79 | 7 | 5 | 8 | 7 | 71 | –2 | 7 | – | 69.4 | – |
| Soccer | | | | | | | | | | | | | | | |

MBC malting varieties

Environmental Schemes

Options Table

Ecological Focus Areas (EFA)

| Action | Compatible Products/Mixes |
|-------------------------|------------------------------------|
| EFA Margins (EFAM) | KBG1 Basic Stewardship Grass Mix |
| EFA Catch Crop (EFACC) | KCC1 Kings Catch Crop |
| EFA Green Cover (EFAGC) | See our range of Green cover mixes |

Agri-Environment & Climate Scheme (AECS)

| Action | Compatible Products/Mixes |
|---|--|
| Wild Bird Seed for Farmland Birds | Alba Mix or Highland Mix |
| Forage Brasica Crops for Farmland Birds | Kale or Hybrid Brassica |
| Stubbles followed by Green Manure in an Arable Rotation | Before autumn sown cereal = Summer AECS Mix Before spring sown cereal = AECS Winter Mix |
| Creation of Grass Strips and Water Margins in Arable Fields | BGM6 |

Join Frontier in the field

Our trials programme is the most expansive network of demonstration sites in UK agriculture. Year-round, our researchers conduct replicated trials across **13,000 plots spanning 30 hectares**, actively seeking the best solutions for the challenges growers face.

Our 2025 summer open days, spread out across 18 events in June and July, are an opportunity for advisors, growers and industry partners to join Frontier in the field and assess the learnings from previous seasons in circumstances and scenarios representative of those on farm.

Join us to collaborate and explore the solutions available to help future-proof your farm business and advance UK agriculture.

For the full list of events and booking links, visit www.frontierag.co.uk/events

Scottish Open Days

25th June 2025 – Coldstream

10:00am – 4:00pm

Coldstream Mains,
Coldstream TD12 4ES

3rd July 2025 – Barra

10:00am – 3:00pm

Muirton of Barra, Oldmeldrum,
Inverurie AB51 0DZ

Terms and conditions apply.
Contact your Frontier representative
for more information.

Frontier

How to order

01289 330 303

info@frontierag.co.uk

frontierag.co.uk

