



Walnes Seeds

**AUTUMN 2026
SPRING 2027
CATALOGUE**



Walnes Seeds

Independent Seed Specialists

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KEY TO SYMBOLS



New for this season



Hard Endosperm



Soft Endosperm



Suitable for Milling



Suitable for Export



Suitable for Biscuits



Suitable for Feed



Suitable for Malting



Organic Option



MBC UK Approved



MBC Provisional Approval



Orange Wheat Blossom Midge Resistant



Barley Yellow Mosaic Virus Resistant



Barley Yellow Dwarf Virus Resistant



Walnes Seeds

allfarm

Installations Ltd



From the project development to the design and planning applications, we can assist you with new installations, upgrades to existing systems and repairs where required.

Services we offer;

- Project Development & Design
- Grain Drying & Storage Facilities
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- Sheet Metal Fabrication
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OIL SEED RAPE

Growing oilseed rape in the UK continues to present challenges, but growers in some regions have seen notable success in recent seasons. Establishment remains a major issue, with early drilling proving vitally important for crops to thrive in the field and produce abundant, good quality seed pods. Walnes offers a selection of proven varieties suitable for late summer/early autumn sowing across a spectrum of soils. All have robust disease resistance, vigorous spring growth and consistent yield potential with a high oil content. The restored hybrids and conventional varieties listed here are all worth consideration if OSR can be integrated into an arable rotation.

RESTORED HYBRIDS

DOMPTEUR



DSV

Dompteur is the highest-yielding variety on the new 2026/27 Winter Oilseed Rape AHDB Recommended List (RL) and has performed exceptionally well across a range of trial sites and conditions. It has resistance ratings of 8 for light leaf spot and phoma stem canker, and is also resistant to Turnip Yellow Virus (TuYV). The variety offers exceptional gross output with an impressive oil content and pod shatter resistance. Dompteur exhibits strong autumn growth and spring vigour, which benefits recovery from potential pest attacks, including pigeons. Relatively early flowering, it has a mid-early maturity score ensuring an early and even harvest.

LG ADAPT

Limagrain

LG Adapt is recommended for the UK. It grows well in the British climate and has produced a very high treated gross output across all regions. The variety has high resistance to light leaf spot and is resistant to TuYV. A relatively tall variety it stands up well and resists lodging. It has good stem stiffness at maturity (based on limited data) and strong resistance to pod shatter.

MAGELAN



Limagrain

This hybrid variety is recommended for the East/West region, and has given very high treated gross outputs. Magelan offers high oil content and is a robust crop offering moderate resistance to verticillium (based on limited data) and good resistance to TuYV. With good stem stiffness at maturity, it has shown high resistance to lodging, and pod shatter.

MAVERICK

NPZ

This OSR hybrid is highly resistant to light leaf spot and stem canker with decent resistance to Turnip Yellow Virus (TuYV). Recommended for East/West regions, Maverick has produced a very high treated gross output in East Anglia. It offers good stem stiffness at maturity and has high lodging resistance (both based on limited data).

CONVENTIONAL TYPES

ACACIA

Limagrain

A conventional, open-pollinated OSR, this variety has high resistance to lodging, with good stem stiffness at maturity and is recommended for the UK. No longer part of RL trials.

ANNIKA

Limagrain

A conventional, open-pollinated variety recommended for East/West regions, Annika has high resistance to light leaf spot, is moderately resistant to verticillium (based on limited data) and has resistance to TuYV. A relatively late maturing OSR, stem strength at maturity is exceptionally good.

PI PINNACLE

Mike Pickford

This open-pollinated OSR is robust and highly recommended for UK production. A conventional variety, it has consistently produced commendable national outputs with East/West regions noting the best performance for a winter oilseed rape on last year's RL (2025/26). PI Pinnacle has good resistance to light leaf spot; it can withstand lodging due to its stiff stems at maturity, but it can be susceptible to stem canker.

WHEAT - Group 1

KWS VIBE



Bernstein x KWS Zyatt

KWS UK

Added to the Recommended List (RL) last season, this winter wheat has significant potential as a high-quality breadmaking variety. It offers one of the best combinations of yield, disease resistance and grain quality and presents exceptional gross margin opportunities for professional milling wheat growers in all regions of the UK. This stiff-strawed wheat has shown no major weaknesses in disease resistance and continues to produce high yields in untreated trials. It has also demonstrated good protein content and gluten quality with higher Hagbergs (283) and specific weights (79.1kg/hl) than other popular Group 1 varieties.



KWS VIBE

Field good wheat

Group 1 Winter Wheat

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



www.kws-uk.com



Walnes Seeds

SKYFALL



C4148 x Hurricane

RAGT SEEDS

Skyfall is one of the UK's most widely grown varieties. This high-yielding, awned Group 1 wheat, delivers high Hagbergs and specific weights making it a favourite among UK milling wheat growers and end users. It is also rated as a quality feed wheat, due to its high output, good straw characteristics (relatively short, but stiff) and very long sowing window. It performs very well as a second wheat, often outperforming true spring wheat varieties, and is the only Group 1 variety resistant to Orange Wheat Blossom Midge (OWBM). It offers high resistance to Brown Rust, Fusarium and carries the Pch1 Eyespot resistance gene, but is very susceptible to Yellow Rust.

SY CHEER



C4148 x Hurricane

SYNGENTA

This Group 1 milling wheat has delivered promising yields and quality which has driven good market uptake. A medium-tall, relatively stiff strawed variety, SY Cheer has shown high untreated yields and robust disease resistance. Seedlings stand up well to Yellow Rust and its high resistance to Mildew and Fusarium certainly offers benefits to crop health and productivity. The variety can be susceptible to Eyespot, but it has excellent grain quality, with a commendable specific weight (79.8 kg) and Hagberg (299). It shows good ability to assimilate protein in the grain, delivering a strong gluten quality. Baking performance is reported as good, although slight variation has been seen.

WHEAT - Group 2

KWS ARNIE



KWS Extase x KWS Zyatt

KWS UK

A new addition to RL in 2025, this all-round winter wheat is for growers seeking a strong variety that will deliver good field performance and robust yields. With exceptional performances reported for AHDB's main wheat growing regions east (104%) and west (105%), yields have been noted at 3.9% above those for KWS Extase. During three years of testing, KWS Arnie showed protein levels typical of a Group 2, but water absorption is low, so this variety will not suit all grists. It has impressive disease resistance, with scores of around 7 for both Septoria and Yellow Rust, and 5 for Eyespot. It is a sturdy plant, with fast development and strong tillering in the autumn. With super stiff straw, the variety recorded under 2% lodging with and without PGR during the past 2 contrasting seasons.

KWS EXTASE



Boisseau x Solheio

KWS UK

KWS Extase offers one of the best combinations of disease resistance and physical grain characteristics on the market. One of the highest yielding breadmaking varieties on the recommended list, it suits a wide range of soil types, with good performance seen across all regions of the UK. As a Group 2 with excellent grain qualities, this wheat meets the requirements of domestic millers and is approved for export. It produces high Hagbergs and specific weights and has offered good proteins levels under milling specifications. A medium-tall variety, it has exceptional resistance to Septoria - the first variety on the market to score over an 8 - and exhibits high resistance to Yellow and Brown Rust.

KWS PALLADIUM



KWS Zyatt x KWS Trinity

KWS UK

This robust variety has one of the highest untreated yields currently on the market. With scores of 7 for Septoria, 7 for Mildew, 6 for Yellow Rust and 5 for Eyespot it has good disease resistance, compared with other commercial Group 2 winter wheats - a characteristic of its very different genetic base. An early maturing variety, KWS Palladium is short, stiff-strawed with a high resistance to sprouting. It has good yield potential across all the regions and performs well as a first and second wheat. Grain quality shows good protein levels, with the bonus of higher levels of water absorption than most varieties in this group. Some variability in baking performance has been seen.

MAYFLOWER



Armada x Ascott

ELSOMS

Mayflower continues to be a popular choice due to its exceptional disease resistance. Its inherent Pch1 Eyespot resistance gene, combined with consistently good scores for Septoria and Yellow Rust, makes it a robust choice for those seeking a reliable high yielding winter wheat. With moderate straw strength, it responds well to plant growth regulators and has produced high yields in an early sowing situation in both treated and untreated UK trials. Grain quality is good, with high Hagbergs, specific weights and good protein levels reported when grown to achieve milling specifications. Mayflower benefits from higher levels of water absorption than most Group 2 varieties, although can show variable baking performance.



WHEAT - Group 3

BAMFORD



Moulton x EW129 ELSOMS

Bamford is a versatile Group 3 option offering a broad-spectrum of marketing opportunities. A high yielding soft wheat it has potential for both feed and premium markets. Delivering consistency in the field, this variety suits light and heavy land, including high fertility soils, and is very nitrogen efficient, maintaining high yields without protein dilution. It has good disease resistance to Septoria (6.4), Take All and Eyespot and is productive as a first and second wheat. Straw strength is robust, ripening crops stand up well, and grain quality shows good Hagbergs and high specific weights for a soft flour. Chopin data reports high water absorption, good dough rheology and high extraction rates. Rated medium for distilling on AHDB's RL, it demonstrates substantial alcohol yield increase over controls.

AHDB
RECOMMENDED

**TOP
BAMFORD
'26**

Bamford is the most dependable, widely grown Group 3 variety across the UK, delivering the best gross output potential.

Bamford offers an enviable agronomic and disease resistance package, and with excellent yield scores of 105% treated and 89% untreated.

Bamford offers unbeatable end-market flexibility delivering to feed, distilling, UK export and biscuit milling quality, making it the ideal choice in volatile market conditions.

Bamford. Your unrivalled choice on the 2026 Recommended List.

Ask your seed merchant about availability today.

Bamford
WINTER WHEAT



Unlocking the
power of plants



Walnes Seeds

KWS SOLITAIRE



Sundance x Shabras

KWS UK

A new addition to the RL last season, KWS Solitaire offers favourable gross margin opportunities. It is one of the highest yielding biscuit wheats, although Hagbergs are not as high as other biscuit types. This variety is also suitable for distillation and has excellent potential for some export markets. Outstanding yields are reported across all sites with very high untreated yield (87% of treated controls) due to its broad-spectrum disease resistance traits. KWS Solitaire is OWBM resistant, and shows good resistance against Mildew, Yellow Rust, Septoria and Fusarium. A high tillering variety, it can be sown from mid-September to the end of January, it matures early with good straw strength and is a good option as a second wheat.



WHEAT - Group 4 (HARD)

CHAMPION



DSV20122 x Reflection

DSV

This hard-milling wheat is one of the few varieties to overcome the 'yield/resistance' trade-off. Champion is reliable and recommended as a very high yielding Group 4 variety when grown as either a first or second cereal. It also ranks joint top on heavy soils with proven success as a late drilled variety, due to its powerful growth, being five days faster than average in the late sown period (Nov). Introduced in 2022/23 Champion has a medium length straw, with very little lodging seen across numerous UK trials and commercial farm experience. It boasts some of the best scores against Septoria and also offers OWBM resistance. Early drilling is not recommended, but this robust, high yielding variety can be sown through to mid-February, making it an extremely flexible option for growers. Grain quality is good, with a low specific weight.



CHAMPION

THE WHEAT TO BEAT



THE HIGHEST YIELDING WHEAT IN THE WORLD*

*Data from Guinness World Records.

DSV CHAMPION GROUP 4 – HARD

The ultimate barn filler with **list topping** yields
 Orange blossom midge resistance
 Robust resistance genetics against yellow rust
 Impressive scores for Septoria tritici



Innovation for
your growth

dsv-uk.co.uk

GRAHAM



Premio x Expert

SYNGENTA

This high-yielding hard feed variety has a very strong overall disease profile, providing robust resistance. A reliable, early maturing variety, it's proven capable of delivering good quality grain of high specific weights and relatively high Hagbergs. Graham is robust, has exhibited high yields in untreated UK trials and consistent commercial performance in the field. It offers high resistance to Septoria and Yellow Rust, but can be susceptible to Eyespot. A medium-tall variety, it has relatively stiff straw.

KWS AINTREE



KWS Kinetic x KWS Sabrum

KWS

A new addition to this year's RL, KWS Aintree, is a hard feed variety with the highest treated yield recorded in the UK. It has produced high Hagbergs and specific weights and shown excellent performance potential throughout a range of rotational positions and soil types. A medium tall variety, it offers resistance against OWBM, but can be very susceptible to Yellow Rust.



KWS AINTREE

The **horsepower** your harvest needs!

Group 4 Hard Winter Wheat

- Highest yielding variety on the Recommended List, 110% of controls
- Unrivalled for yield potential across a range of scenarios
- Consistent performance across seasons, with added bonus of OWBM



www.kws-uk.com

KWS DAWSUM



KWS Kerrin x Costello

KWS UK

KWS Dawsum performs well across a range of rotational positions, soil types and sowing dates. It offers high yield potential and exceptional grain quality that exceeds intake requirements for the animal feed sector, but its outstanding specific weight (79.6 kg/hl) might also find favour in some milling markets. This variety has achieved high yield potential in the North region, in early sowing situations and on lighter soils. It has given high yields in untreated UK trials and is highly resistant to Yellow Rust with a strong resistance to Septoria (6.2) Brown Rust, Mildew and Fusarium. A relatively short, stiff-strawed variety, it has a flexible sowing window that can deliver reliable yields across the rotation whether drilling early, mainstream or late season.

KWS FOWLMERE



KWS Extase x KWS 340

KWS

KWS Fowlmere is another new addition to Group 4 winter wheats. A hard, early maturing variety it is classified as a ukp bread wheat for export. It has given high Hagbergs and good specific weights and has shown very high treated yield potential (106%) across a range of rotational positions and soil types throughout the UK (based on limited data). This variety also reports high yields in UK untreated trials and demonstrated high resistance to Fusarium (based on limited data). It is resistant to OWBM and as a medium-tall variety offers moderate straw strength but might require careful management in certain conditions.

KWS SCOPE



Informer derived

KWS UK

This hard milling variety has an innovative genetic base. With German-bred variety Informer as one of its parents, KWS Scope combines short straw traits with clean, robust growth potential to deliver high yields and quality grains. A high performer on the RL, it was one of the highest yielding wheat lines in National List 2 trials in 2023 and 2024 (107% controls in 2023 and 111% in 2024) and has continued to yield well above average in West and North regions. A medium-high tillering variety, KWS Scope offers good disease resistance for Yellow Rust and Septoria and OWBM, but can be susceptible to Eyespot.

LG BEOWULF



Costello x Gleam

LIMAGRAIN

LG Beowulf is a high yielding Group 4 hard wheat with an excellent agronomic package. It offers consistent yields, performs well across all regions, seasons and rotational positioning and has very good disease resistance. Rating 4 against Yellow Rust, 6.4 against Septoria, it also offers moderate resistance to Fusarium and Eyespot with added security against OWBM. A successful first, second or continuous wheat, Beowulf has a wide drilling window from mid-September through to the end of January and can be grown across a range of soils.

A good tillering, stiff-strawed variety, it has achieved an average UK yield of 104% and has recorded second wheat performance equivalent to a first, irrespective of sowing date or soil type.





Walnes Seeds

LG CHALLENGER



(SY Gravity x SY Insitor) x LG Skyscraper

LIMAGRAIN

A hard feed variety, LG Challenger has shown good performance in the UK across a range of rotational positions and soil types (based on limited data). It has produced very high yields in untreated trials and its robust health status gives it considerable potential to produce high yields in treated situations. It is highly resistant to Mildew, Yellow Rust and Fusarium and also has OWBM resistance. With excellent Hagbergs and specific weights this medium-tall plant might require priority at harvest as some data suggests it has tendencies to sprout.

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

**LESS RISK
MORE REWARD**

LG CHALLENGER WINTER WHEAT

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

lgseeds.co.uk/lg-challenger

Limagrain Field Seeds

Limagrain

LG DEFIANCE



KWS Extase x Gleam

LIMAGRAIN

Another new hard feed variety from Limagrain, LG Defiance offers high resistance to Mildew, Yellow Rust and Fusarium (based on limited data), and is resistant to OWBM.

Reports indicate this Group 4 wheat offers very high treated yield potential throughout the UK and across a range of rotational positions and soil types (based on some limited data). It has produced good untreated yields with an intermediate specific weight. A tall crop with relatively weak straw, it requires careful management.



LG

“LG Defiance holds up well - stands well, is clean, and fills the shed.”
Jeff Bush,
Lincolnshire

**DEFY THE ODDS,
DELIVER THE YIELD**

LG DEFIANCE WINTER WHEAT

- Equally the highest yielding 2nd wheat
- Consistency across seasons & regions
- 8 for Yellow Rust resistance & OWBM resistant

lgseeds.co.uk/lg-defiance

Limagrain Field Seeds

Limagrain

AHDB
RECOMMENDED

SCAN ME

LG TYPHOON



Garrus x LGW88

LIMAGRAIN

Introduced in 2022, LG Typhoon is a reliable hard milling feed variety with excellent disease resistance. Rated 7 for Septoria and 5 for Yellow Rust, yield can be slightly lower than top listed Group 4 varieties, but its combination of excellent disease and OWBM resistance, combined with slower development, make LG Typhoon an excellent choice for earlier sown slots. A relatively late maturing variety, it has given high yields in untreated UK trials, although limited data suggests it can sprout, so it should be given priority at harvest.

RGT HIGHGROVE



Undisclosed

RAGT SEEDS

RGT Highgrove may not appear on the recommended list, but it still holds up as a reliable hard feed wheat due to its inherent disease profile. Resistant to OWBM and Septoria, it also offers strong overall resistance to all foliar diseases and Pch1 Eyespot. An extremely robust, awned variety it is well-suited to organic production. Trials have shown excellent drought/stress tolerance in challenging seasons with good specific weights, stiff-straw and decent grain quality.

WHEAT - Group 4 (SOFT)

LG REDWALD



LG Sundance x LG Generation

LIMAGRAIN

LG Redwald is a very high yielding feed type, but as a soft wheat also offers potential for distilling. Recommended for the East and West regions, this relatively late maturing variety has produced very high treated yields throughout the UK and across a range of rotational positions and soil types. High yield potential has been shown across a range of sowing dates (based on limited data) and the variety performs well as a second wheat. LG Redwald has produced high yields in untreated UK trials and although Hagbergs tend to be low, with specific weights rated 'medium' for distilling, it's extremely good resistance to Septoria (6.1) and OWM make it a favourable choice. It is suitable for later sowing and competitive in a black grass situation, although its fast development and medium-tall straw height, can require careful agronomic management.

RGT HEXTON



Graham x RGT Universe

RAGT SEEDS

A soft-milling feed variety, RGT Hexton is resistant to OWM with strong resistance to Yellow Rust and Septoria. It has achieved very good yields in every part of the UK - especially the North - and performs well on light soils and when sown early. Offering swift spring growth, this variety can be sown successfully during autumn/winter through to mid-January. Classified as a UK soft wheat for export, RGT Hexton is rated as 'medium' for distilling and performs well as a second wheat.





Variable with great disease resistance

Feed or distilling

Great results as second wheat

FEED THE ANIMALS OR QUENCH THE THIRST, WE'VE GOT YOU COVERED.

RGT HEXTON

Group 4 Winter Wheat

✓ Can be used for feed or distilling

✓ Very good yield around the UK, especially in the North

✓ Strong resistance to septoria and yellow rust

✓ Top yielding second wheat in the RL 2025/26

think SOLUTIONS think RAGT

WHEAT - VARIETAL PERFORMANCE

PRODUCTIVITY

GROUP	VARIETY	YIELD												
1	KWS VIBE													
	SKYFALL													
	SY CHEER													
2	KWS ARNIE													
	KWS EXSTASE													
	KWS PALLADIUM													
	MAYFLOWER													
3	BAMFORD													
	KWS SOLITAIRE													
4S	LG REDWALD													
	RGT HEXTON													
4H	CHAMPION													
	GRAHAM													
	KWS AINTREE													
	KWS DAWSUM													
	KWS FOWLMERE													
	KWS SCOPE													
	LG BEOWULF													
	LG CHALLENGER													
	LG DEFIANCE													
	LG TYPHOON													



Walnes Seeds

AGRONOMICS

GROUP	VARIETY	Specific Weight KG/HL	Standing Power	Mildew	Yellow Rust	Brown Rust	Septoria Tritici	Eyespot	Fusarium
1	KWS VIBE	78.6							
	SKYFALL	79.1							
	SY CHEER	79.7							
2	KWS ARNIE	78.8							
	KWS EXSTASE	79.1							
	KWS PALLADIUM	77.3							
	MAYFLOWER	79.1							
3	BAMFORD	78.5							
	KWS SOLITAIRE	76.8							
4S	LG REDWALD	75.5							
	RGT HEXTON	76.4							
4H	CHAMPION	75.3							
	GRAHAM	77.6							
	KWS AINTREE	78.7							
	KWS DAWSUM	79.9							
	KWS FOWLMERE	79.8							
	KWS SCOPE	78.6							
	LG BEOWULF	78.3							
	LG CHALLENGER	78.6							
	LG DEFIANCE	77.0							
	LG TYPHOON	77.4							

KEY	POOR	GOOD	VERY GOOD	EXCELLENT

SPRING WHEAT

KWS HARSUM



KWS Sywell x KWS Scirocco

KWS

KWS Harsum is a high yielding breadmaking wheat. It produces similar grain to Mulika, but offers the added benefit of good gluten quality and baking performance, which have been consistent across a range of challenging seasons. KWS Harsum has high resistance to Yellow Rust and Mildew (based on limited data), combined with resistance to OWBM. Confirmed as a Group 1 wheat by UK Flour Millers in December 2022, it has given high Hagbergs and specific weights, and good grain proteins. Baking performance is good with only slight variation seen.

MULIKA



Paragon x (Tybalt x Robigus)

SENOVA

The first Group 1 wheat with resistance to OWBM, Mulika offers excellent grain quality characteristics, with a very high Hagberg and specific weight, plus a very favourable protein content. A popular choice with growers, this variety of spring wheat combines good on-farm yield potential, with moderate length straw, robust health and superb grain quality. It has shown no major weaknesses in disease resistance and is resistant to Septoria (6), Brown Rust (6), Mildew (7) and Yellow Rust (6). Although protein levels are good, gluten quality tends to be weaker than some other Group 1 spring wheats and some variability has been reported in baking performance.

STR PACE



STRU 030486 x KWS Chamsin x Lennox

Strube GmbH & Co.

This new Group 1 spring wheat has a wide drilling window and is suitable for late autumn sowing. Across three years of testing, STR Pace has performed well, producing favourable yields with high Hagbergs, good grain proteins and a high specific weight. A short strawed variety, it has low susceptibility to lodging and offers good resistance to Brown and Yellow Rust and Mildew (based on limited data). A relatively early maturing crop, it shows good water absorption, gluten quality and baking performance.

WINTER BARLEY - FEED

DARCIE



Valerie x KWS Orwell

SENOVA

This new two-row, high yielding winter barley offers a very high specific weight. Highly recommended for the East region, trial results report high treated yields in the North (based on limited data) and on heavier soils. Darcie is resistant to the common strains of Barley Mosaic Viruses (BaMMV, BaYMV strain 1 and BaYMV strain 2) and also boasts some of the highest resistance ratings against Rhynchosporium (7) and Net Blotch (6).

KITTY



11-12 X KWS Orwell

SENOVA

Kitty is a high-yielding two-row feed variety. A new addition to last year's recommended list, it has shown exceptional specific weights and good resistance to the most common strains of BYMV. A very strong performer across all regions, Kitty reported high treated yields in the East and on heavier soils (based on limited data). The variety combines very stiff straw with a superb grain quality and robust resistance to Rhynchosporium (7). It is a favourable option for UK growers and end users.



Kitty
WINTER BARLEY

THE WINTER BARLEY
THAT'S EARNED ITS STRIPES

Exciting, high yielding two-row feed
barley with an unrivalled specific
weight and resistance
to BaYMV1 and BaYMV2.

AHDB
RECOMMENDED

SCAN ME

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KWS TARDIS



11-12 X KWS Orwell

KWS UK

KWS Tardis is a high yielding two-row variety that has been a market leader for many years. Its combination of stiff straw, good disease resistance, early maturity and high specific weight continue to make this autumn sown feed barley a popular variety for most growers.

LG CARAVELLE



KWS Moselle x LGBU11-6103-C

LIMAGRAIN

A top yielding two-row winter barley, LG Caravelle offers comparable yield to top yielding hybrid varieties. It consistently achieves an exceptionally high specific weight for a winter barley – 71.7 kg/hl on the 2026/27 RL – and offers an excellent disease profile. It has strong resistance to Brown Rust and Mildew and the common strains of BYMV (BaMMV and BaYMV strain 1). An early maturing variety, LG Caravelle has performed well across all regions and soil types in the UK, producing high untreated yields. It has relatively stiff straw and proved a very favourable option for eastern England and land with heavier soils.

WINTER BARLEY - HYBRID

INYS



KWS UK

Inys, a new entry on last year's RL, has given high-yields and good performance across a range of soil types. This six-row hybrid feed variety offers good all round agronomy and disease resilience. It is resistant to the common strains of BYMV (BaMMV and BaYMV strain 1) and highly resistant to Mildew. It also shows robust resistance to Rynchosporium, Brown Rust and Net Blotch and is rated one of the highest yielding winter barley varieties. A relatively early maturing crop, it reports high stable yields across a number of seasons. Although Inys is a tall barley, it has stiff straw and has one of the lowest brackling and lodging ratings.

SY CANYON



SYNGENTA

Launched in 2020 SY Canyon offers exceptional grain quality. It has the highest specific weight for a six-row winter barley on the RL list for 2026/27 at 71.5kg/hl. With similar yield performance and disease resistance to SY Kingsbarn, this feed barley reports high productivity in untreated UK trials, with particularly good yields noted in treated crops in West and North regions and on light soils. A relatively early maturing variety, SY Canyon is tall with moderate straw strength, so requires careful management to counter potential lodging.

SY KESTREL



SYNGENTA

A new generation of hybrid winter barley, SY Kestrel is the first Hyvido Neo six-row hybrid feed variety to offer broad-spectrum viral protection against the three major serotypes of BYDV and tolerance to Wheat Dwarf Virus (WDV). This high level of viral protection carries specific recommendation for the UK market. SY Kestrel has shown very high treated yield potential in the West region (based on limited data), with robust resistance to Mildew and Rhynchosporium. A tall, relatively stiff-strawed variety (based on limited data) it is early maturing.



NEW Variety

SY KESTREL

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

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



syngenta.



SY Kestrel
Hyvido® Neo

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SY KINGSBARN



SYNGENTA

This hybrid variety offers exceptional output with a high specific weight (70.6kg/hl) and the lowest screenings of any six-row barley. It has good disease resistance against Mildew, Rhynchosporium and Net Blotch and is moderately robust against Brown Rust. SY Kingsbarn is resistant to BYMV and has proved very competitive against grass weeds when drilled from late September to mid-October. An early maturing variety, it continues to deliver stable, productive performance in untreated and treated situations across all UK regions. A relatively tall crop with moderate straw strength, it requires careful management towards harvest.

SY QUANTOCK



SYNGENTA

Another of Syngenta's Hyvido hybrid varieties, SY Quantock offers high yields and robust disease resistance across all soil types. This six-row feed variety resists common strains of BYMV (BaMMV and BaYMV strain 1) and is highly resistant to Mildew and Rhynchosporium, with moderate resistance to Net Blotch and Brown Rust. A tall, relatively early maturing variety, SY Quantock responds well to plant growth regulator (PGR), with minimal lodging reported. It has a high specific weight of 70.9 kg/hl and has produced high yields in untreated UK trials.

WINTER BARLEY - MALTING

BUCCANEER



Zophia x SJ 128225

ELSOMS

Fully approved by the MBC, Buccaneer is the highest yielding winter malting barley on the market for both treated and untreated crops. Offering strong disease resistance against Brown Rust and Rhynchosporium and common strains of BYMV (BaMMV and BaYMV strain 1), Buccaneer is a reliable two-row variety. It has produced consistently good performance in the East region and on heavier soils and achieves low screenings and good specific weights – qualities favoured by malsters and those brewing craft beers. A relatively tall crop, it does display very low brackling.

CRAFT



SY 208 x SY Venture

SYNGENTA

Craft is one of the most widely grown winter malting crops. Introduced in 2017, this two-row variety is popular with both growers and end users. Offering a high specific weight (70.0kg/hl), combined with a robust disease profile, this variety continues to offer vigorous performance and productivity in the field. It is highly resistant to Brown Rust and resistant to the common strains of BYMV (BaMMV and BaYMV strain 1). Producing big, bold grains, Craft is a stiff-strawed, moderately tall crop, that has proved consistent in treated yields throughout the UK, across all seasons and regions. Maltsters like its relatively high malt extract (308 l deg/kg) and low grain nitrogen qualities.



WINTER BARLEY - VARIETAL PERFORMANCE

PRODUCTIVITY

VARIETY	YIELD									
BUCCANEER										
CRAFT										
DARCIE										
KITTY										
KWS TARDIS										
LG CARAVELLE										
INYS										
SY CANYON										
SY KINGSBARN										
SY QUANTOCK										

AGRONOMICS

VARIETY	Earliness				Straw Strength				Mildew				Brown Rust				Rhyncho-sporium				Net Blotch			
BUCCANEER																								
CRAFT																								
DARCIE																								
KITTY																								
KWS TARDIS																								
LG CARAVELLE																								
INYS																								
SY CANYON																								
SY QUANTOCK																								

KEY	POOR				GOOD				VERY GOOD			

SPRING BARLEY

BELTER



RGT Planet x NOS 2105-11

SECOBRA

Bred in Britain, Belter has potential for both brewing and distilling and is particularly suited to the eastern region. Fully approved by MBC for brewing, the variety currently carries MDC Provisional Approval for distilling. UK trials show good performance in untreated crops, with some yield advantage over comparative varieties, and good grain qualities. It has a high resistance to Mildew and is a robust, later maturing crop with short, relatively stiff straw that is very resistant to brackling (based on limited data). Some contracts are available for this new, dual-purpose variety, but growers are advised to speak to their grain merchant before planting decisions are finalised.



This year will be a BELTER!

WILL PILLINGER
Spring Barley Breeder

SECOBRA
RESEARCH

BELTER
SPRING BARLEY

SECOBRA Research is a specialist plant breeding company whose shareholders include brewers, maltsters and distributors.

Full MBC approval Brewing

AHDB

Find out why →

secobra.co.uk

LAUREATE



Sanette x Concerto

SYNGENTA

A high yielding variety, Laureate is fully approved by MBC for both brewing and malt distilling. Offering reliable good grain quality, with a comparatively lower specific weight to its rivals, it responds very well to nitrogen managements, enabling crops to consistently deliver the right malting specifications. This spring barley has high resistance to Mildew (9), Rhynchosporium (6) and Net Blotch (8) and reports consistently good performance in untreated UK trials. Short-strawed (72cm) Laureate has good brackling resistance and a low/moderate resistance to lodging.

PTARMIGAN



Skyway x Hurler

SECOBRA

Added to the RL last year, Ptarmigan is currently under assessment by the MBC. This early maturing variety has demonstrated high yields for both treated and untreated UK crops. With an excellent specific weight (69.4kg/hl), low skinning and good grain characteristics, this variety offers a balanced malting quality profile that has potential for both brewing and distilling. Ptarmigan has shown high yield potential in North and West regions (based on limited data). It has high resistance to Mildew and Net Blotch (based on limited data) and as a relatively stiff-strawed variety shows moderate resistance to brackling. Growers are advised to speak to merchants before committing to grow this Spring barely variety.

SY ARROW



(Laureate x SY Splendor) x SY Bronte

SYNGENTA

SY ARROW is a high yielding spring barley with potential for both brewing and malt distilling. Added to the RL last season, it has given high treated yields in both the East and North regions and offers very high yield potential in the West region (based on limited data). It tends to produce a low specific weight but delivers high resistance to Mildew, Rhynchosporium and Net Blotch. A relatively stiff-strawed variety with moderate resistance to brackling, SY Arrow combines high yield, quality grain and strong agronomic performance in the field. Its early maturity might also be an advantage to northern UK growers in helping to secure quality premiums at harvest. Currently under MBC assessment for both brewing and malt distilling, it has demonstrated many malting attributes desired by end-users.

WESTMINSTER



LIMAGRAIN

Westminster is one of the most enduring of spring barley varieties. Although yield might not rank it worthy of an RL listing, it remains a very popular choice as it continues to deliver competitive yields due to its good agronomic attributes and exceptional disease resistance to Mildew and Rhynchosporium, abiotic leaf spotting and Ramularia. A grandparent of many newer and successful barley varieties, Westminster is a reliable option for organic farms and less intensive cereal systems. It offers a very high specific weight, tall and stiff straw with brackling resistance and good grain quality. A proven feed variety with good straw biomass, it can satisfy some malting requirements.



SPRING BARLEY - VARIETAL PERFORMANCE

PRODUCTIVITY

VARIETY	YIELD						
BELTER							
LAUREATE							
PTARMIGAN							
SY ARROW							
WESTMINSTER							

AGRONOMICS

VARIETY	Earliness				Straw Strength				Mildew				Brown Rust				Rhynchosporium				Net Blotch			
BELTER																								
LAUREATE																								
PTARMIGAN																								
SY ARROW																								
WESTMINSTER																								

KEY	POOR				GOOD				VERY GOOD				EXCELLENT			

TRITICALE

The performance of triticale as a second cereal is often underestimated, yet the economics of growing it do compare favourably with those of second wheats. An attractive option for NVZs and lower input farming systems, this robust, high dry matter cereal is consistently productive, high-yielding and easy to manage. Although Triticale is primarily grown for livestock feed, markets are available in the green/renewable energy sector due to its inherently high fermentable carbohydrate and soluble protein content. It is an ideal green fuel for anaerobic digestion (AD) plants and bioethanol production.

LUMACO

AUTUMN/WINTER SOWN

SENOVA

Lumaco, a winter sown variety, is the highest yielding triticale of its class on AHDBs recommended list. A tall, stiff-strawed variety, it combines superb performance with early ripening and a very high specific weight. It offers robust disease resistance and is rated 9 against Yellow Rust. This variety is a viable alternative to second wheat options.

KASYNO

AUTUMN/WINTER SOWN

SENOVA

An established winter variety, Kasyno offers consistent yields and exceptional field performance. Suitable for all soil types, it has excellent standing power and is highly resistant to Yellow Rust with grain quality that can satisfy livestock feed markets or AD options. A viable second cereal option, it has the potential to deliver similar gross margins to most second wheats.

KWS FIDO

AUTUMN/WINTER SOWN

KWS

Widely grown throughout the UK, KWS Fido ripens relatively early. This high-yielding winter variety has an excellent specific weight. A moderately tall crop with stiff straw, KWS Fido delivers exceptional agronomics and field performance, making it a viable alternative as a second cereal in conventional crop rotations.

FRIGUS

SPRING SOWN

COPE SEEDS

Bred by accomplished Polish breeder DANKO, Frigus is a spring Triticale that demonstrates consistent performance with good grain yields reported in the UK and Europe. Frigus has long, stiff straw (100-104cm) and robust disease resistance. Its coarse grains have a good specific weight and a high protein content (independent trials). Its resistance to sprouting can be a key advantage during wet harvests. The variety has also delivered favourable yields when sown during the autumn.

OATS

MASCANI

ORG AUTUMN SOWN

F5 CW0112/15A/05 x Stampede *SENOVA*

Mascani is the most widely grown winter oat in the UK. A husked variety, it offers an exceptionally high kernel content, a high specific weight and remains a high-quality, cost-effective choice. It delivers consistent crops of large grains with low screening losses and is an established favourite with millers and growers. A tall, stiff-strawed oat, Mascani has excellent resistance to Mildew and good resistance to Crown Rust.

MERLIN

SPRING SOWN

Neklan x Canyon *COPE SEEDS*

Another high-yielding, high-performance husked variety, Merlin is suitable for all regions of the UK. Offering a high resistance to Mildew, it has given high yields in untreated UK trials, although it can be susceptible to Crown Rust. A tall, early maturing variety it offers excellent standing ability in the field, a high kernel content and also achieves some of the lowest screening losses. The YEN yield award winner(oats) for Harvest 2024, Merlin can deliver high quality crops from both organic or conventional farming systems. A reliable choice for growers, it is accepted by all mills across the UK & Ireland.

WPB ISABEL

SPRING SOWN

Undisclosed parentage *KWS UK*

An established, high-yielding variety, WPB Isabel has one of the highest specific weights recorded for a husked oat on AHDB recommended lists (53.7kg/hl). A white grained oat, it exhibits outstanding grain quality and a robust/moderate resistance to key diseases including Mildew and Crown Rust. This variety can produce very high yields of top quality grain. A tall plant with excellent straw strength it affords good resistance to brackling pre-harvest and responds well to PGR programmes. Tried and tested by UK growers during the past 4 contrasting seasons, WPB Isabel has proved reliable and produced good specific weights (53.6 kg/hl), low screenings and an excellent kernel content.

PULSES

PEAS

BATIST

SENOVA

A very high yielding yellow pea, Batist offers reliable performance and productivity with quality crops that are suitable for both human consumption and livestock feed markets. It has good resistance to Downy Mildew and strong standing ability in the field. Plants are taller than other combinable varieties with large seed heads that mature early which can be an advantage at harvest.

BUTTERFLY

NEW

NPZ

Butterfly is a green, early to very early maturing pea with excellent standing ability and medium to short plant length. It demonstrates very high yields and good overall agronomy with moderate resistance to Downy Mildew and full resistance to Pea Wilt. Thousand seed weights average 305g (at 15%mc) with protein contents around 21.3. It is noted as one of the best performing combinable peas on the PGRO described list.

BEANS

NAVARA

NEW

SPRING SOWN

SENOVA

Navara offers consistently high yields and solid agronomics. With a pale hilum and good seed size it is a superb choice for feed and export markets. This spring bean performs well in the field, with excellent standing ability and good resistance to both Downy Mildew and Rust. TGW averages 551g with protein content (% dry) quoted at around 26.7.





Walnes Seeds

VESPA

AUTUMN/SPRING SOWN

SENOVA

Vespa is the highest yielding winter bean currently on the PGRO Descriptive List. It commands a 75% share of this market and reports yields of up to 17% above other varieties. It is suitable for human consumption, livestock feed and the export market. A short strawed variety, Vespa has good standing ability and scores well for disease resistance against Downy Mildew (5), Rust (5) and Chocolate Spot (7). Yielding a large seed size, TGW is around 711 with protein content reported at above 25%.

VINCENT

NEW WINTER SOWN

SENOVA

Vincent is a high yielding winter bean with equivalent performance to Vespa. A reliable autumn sown variety, it produces a pale hilum and an exceptionally large seed with a high protein content. TGW is around 800g, with protein content (% dry) scoring above 26, making it popular with feed and export markets. Similar in height and maturity to Vespa, it also offers good disease resistance for Downy Mildew (7), Rust (4) and Chocolate Spot (6)



Vincent

WINTER BEAN

Vincent brings exceptionally large grain, very high yields, a high protein content and excellent downy mildew resistance. It is a popular choice for all markets.

Other Senova varieties:



Making the right impression!

Winter beans – the perfect fit

- Yield benefit for the following wheat crop
- Low growing cost
- Good break crop gross margin
- Good opportunity to control grass weeds
- Ready markets for feed and export use

**senova**

Tel 01223 890777 • info@senova.uk.com •      @SenovaLtd • www.senova.uk.com

CEREAL DRILLING GUIDE

RATE CALCULATIONS

- STEP 1)** Decide plant population per m². For example 260 plants m².
- STEP 2)** Select estimated % establishment on the first table.
Read across to target population, to determine the number of seeds required per m².
75% establishment will give 347 seeds/m² to be sown.
- STEP 3)** Now consult the second table to establish seeds sown per m² by 1000 grain weight (TGW). Example TGW of 50 - this gives 175 kgs ha.

Step 1	Step 2							
Target plant population	% Establishment							
	50%	55%	60%	65%	70%	75%	80%	85%
200	400	364	333	308	286	267	250	235
220	440	400	367	338	314	293	275	259
240	480	436	400	369	343	320	300	282
260	520	473	433	400	371	347	325	306
280	560	509	467	431	400	373	350	329
300	600	545	500	462	429	400	375	353
320	640	582	533	492	457	427	400	376
340	680	618	567	523	486	454	425	390



	STEP 3																					
T G W	Grains per square metre to be sown																					
	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	
42	97	101	105	109	113	118	121	126	130	134	139	143	147	151	155	160	164	169	173	177	181	
44	101	106	110	114	119	123	127	132	136	140	145	150	154	158	163	167	171	176	180	185	189	
46	106	110	115	120	124	128	133	138	142	147	152	156	161	165	170	175	180	185	190	194	199	
48	110	115	120	125	130	134	139	144	148	153	158	163	168	172	178	182	187	192	197	202	207	
50	115	120	125	130	135	140	145	150	155	160	165	170	175	179	185	190	195	200	206	211	216	
52	120	125	130	135	140	145	150	156	161	166	172	176	182	186	192	198	204	210	215	220	226	
54	124	130	135	140	146	151	156	162	167	172	178	183	189	193	200	205	210	215	222	228	236	
56	129	134	140	146	151	156	162	168	173	179	185	190	196	200	207	213	219	225	231	238	244	
58	133	139	145	151	157	162	168	174	179	185	191	197	203	207	215	220	225	233	239	246	253	
60	138	144	150	156	162	168	174	180	186	192	198	204	210	214	222	228	235	240	246	254	261	

SEED CLEANING, TREATMENTS AND TESTING SERVICE

Walnes offers a comprehensive cleaning service for both conventional and organic commodities, through our fixed, static, seed cleaning plant. Our considerable experience and the superior capabilities of our cleaning equipment enables us to provide a quality-assured, unrivalled service to all customers.

We can clean the following crops either for farm-saved seed or to enhance the quality of grains for marketing purposes.

Barley
Wheat

Triticale
Oilseed Rape

Linseed
Beans

Peas
Grass

We provide a broad range of chemical seed treatment options plus a comprehensive choice of seed testing and certification services through the Suffolk Seed Laboratory.

TREATMENT GUIDES

	Rancona I Mix	Beret Gold	Redigo Pro	Vibrance Duo	Signal	Latitude
Bunt Seed Borne						
Bunt Soil Borne						
Microdochium Seedling Blight						
Fusarium Seedling Blight						
Blue Mould						
Loose Smut (Barley)						
Covered Smut (Barley)						
Leaf Stripe (Barley)						
Wireworm						
Wheat Bulb Fly						
Take All						

 Indicates label recommendation, control may only be partial.

Approved certification and analysis ... *we have it covered*



Opened in 2009, the Suffolk Seed Laboratory is an independent seed testing station, adjacent to Walnes Seeds. Located at The Counting House, Moat Park in Earl Soham, the lab provides efficient, quality assured seed analyses for all species of grassland and combinable crop seed varieties.

SSL is accredited and approved by the International Seed Testing Association (ISTA) and Animal and Plant Health Agency (APHA). It is fully licensed to assess the quality of cereal, oilseed, pulses, grass and other herbage species seeds.

The business is audited annually and every sample processed here is tested in accordance with government and ISTA regulations and in line with customer requirements. Its team of qualified technicians provide an efficient, comprehensive certification and analysis service for seed merchants, buying groups/co-operatives and independent farmers and growers.

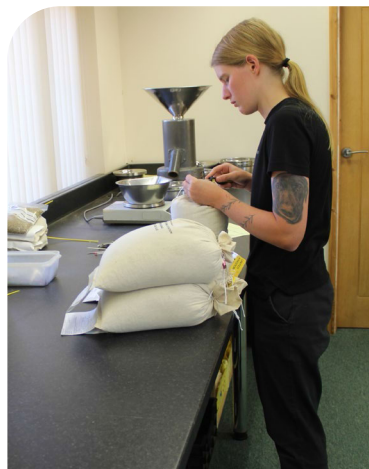
The lab has close working relationships with a number of key plant breeders and agronomy businesses. It has an exceptional reputation with an increasing client-base that extends across the UK's farming, amenity and horticultural sectors.

Comprehensive, efficient and quality assured

A broad-spectrum of official and unofficial seed tests are available including:

- EEC, HVS & standard certification
- STZ tests
- Germination,
- Purity,
- Moisture,
- Vigour
- Thousand Grain Weight (TGW)

Quality measurements (e.g. specific weight, Haberg and protein, oil), along with various disease tests for cereals, oilseeds, pulses, grasses, legumes and fodder crops, are also available.



SSL also provides a selection of bespoke packages, tailored to meet individual breeder and grower requirements. A standard Farm Saved Seed (FSS) package, which includes moisture, TGW and germination tests, and moisture meter calibration is also available together with certified crop inspection services.

All seed testing and calibration services are 100% quality assured and competitively priced. Rates are reviewed annually in line with NIAB recommendations.



Sampling made simple

Suffolk Seed Laboratory accepts samples in person, by Royal Mail/courier or via a collection service which is available on request.

For more information and/or to book a test contact:

Natalie Lewis, Senior Analyst.

Phone: 01728 684188

Email: suffolkseedlaboratory@googlemail.com

Or visit SSL at The Counting House, Moat Park, Earl Soham, Woodbridge, Suffolk, IP13 7SR. Location via **What3words** is EVENING.PIPER.COOKED



SPECIALIST TREATMENTS

VIBRANCE DUO / KINTO PLUS

- The first UK seed treatments to use an SDHI fungicides.
- Provide outstanding control of key establishment diseases.
- Trials have also shown that these can substantially boost early root development and offer a potential yield advantage.

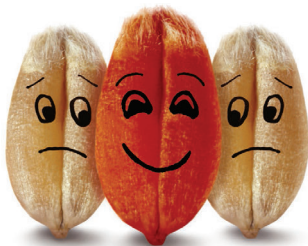
SIGNAL

- Effective against wheat bulb fly and wireworm.

LATITUDE

- The main line of attack against Take All.
- Does not offer complete control but has been proven to give excellent returns in the higher risk Take All situations.

**Protect your wheat
and barley from
Take-all.**



Get Take-all fit. Calculate your margins at certisbelchim.co.uk/latitude

Use plant protection products safely. Always read the label and product information before use. For further information with regard to the warning phrases and symbols refer to the product label. Latitude® (MAPP 18036) is a registered trademark of Mitsui & Co. Ltd. Contact Certis Belchim on 0845 373 0305, e-mail info.uk@certisbelchim.com or visit www.certisbelchim.co.uk. © Certis Belchim 2026.



NUELLO iN

- Nuello iN is a seed treatment that infuses nitrogen-fixing bacteria into a cereal, enabling the plant to extract Nitrogen from the atmosphere as it grows and develops.
- By colonising in the seeds and seedlings, Nuello iN ensures a constant supply of natural Nitrogen is delivered to the crop throughout its life – from when it's drilled, to when it's ready to harvest.
- Independent trials show this treatment can enhance growth, resilience and overall performance and that it offers a reliable solution to delivering sustainable and productive cereal yields.

syngenta.
Biologicals

Your seed applied nitrogen “back up generator”

By supplying your crop with natural nitrogen from NUELLO@iN you can build crop resilience from the start to help with:

- Dry weather/soil conditions
- Poorly rooted crops
- Wet weather, low SMN levels, leaching
- Delayed nitrogen applications



Find out more at
syngenta.co.uk



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 **Nuello® iN**

syngenta.

WALNES GRASS MIXTURES

It is impossible to publish the diverse range of grass mixtures that Walnes can produce, so listed here are our standard grass/herbal seed blends for agricultural, amenity and environmental use. We are extremely proud of the dedicated, bespoke seed blending and mixing service we provide, and are confident we can deliver the highest quality seed mixtures to suit all situations, project objectives and business needs. Please contact us to discuss your individual requirements.

SUPER CUT

A short-term mixture producing high yields of quality grass.

- 34% Italian Ryegrass Tetraploid
- 34% Italian Ryegrass Diploid
- 32% Hybrid Ryegrass Tetraploid

14kg per acre

HAYLAGE

A medium-term mixture to produce good yields of quality grass, specifically designed for the haylage producer.

- 25% Hybrid Ryegrass Tetraploid
- 38% Intermed. Perennial Ryegrass Diploid
- 37% Late Perennial Ryegrass Diploid

14kg per acre

CUT & GRAZE

A medium to long-term mixture to produce good yields of quality grass for cutting, but with the benefit of aftermath grazing.

- 30% Intermed. Perennial Ryegrass Tetraploid
- 30% Intermed. Perennial Ryegrass Tetraploid
- 21% Late Perennial Ryegrass Diploid
- 15% Hybrid Perennial Ryegrass Tetraploid
- 4% White Clover

13.5kg per acre

PERMANENT PASTURE

A proven long-term, hard-wearing, predominantly grazing mixture. Good early growth with full-season production.

- 16% Intermed. Perennial Ryegrass Tetraploid
- 16% Intermed. Perennial Ryegrass Diploid
- 16% Intermed. Perennial Ryegrass Diploid
- 14% Late Perennial Ryegrass Tetraploid
- 11% Late Perennial Ryegrass Diploid
- 10% Late Perennial Ryegrass Diploid
- 10% Timothy
- 7% White Clover

14kg per acre

HORSE & PONY PLUS

A high-quality, damage resistant paddock mixture for grazing and hay production for horses and ponies.

- 18% Intermed. Perennial Ryegrass Diploid
- 18% Intermed. Perennial Ryegrass Diploid
- 32% Late Perennial Ryegrass Diploid
- 15% Creeping Red Fescue
- 10% Timothy
- 7% Smooth Stalked Meadow Grass

14kg per acre

HAYMAKER

A medium to long-term mixture for quality hay crops with possible aftermath grazing.

- 35% Intermed. Perennial Ryegrass Diploid
- 35% Late Perennial Ryegrass Diploid
- 15% Early Perennial Ryegrass Diploid
- 15% Timothy

14kg per acre

Paddock Patcher

A convenient-to-handle bag for those patching jobs where an acre pack is too big.

7kg pack

WALNES AMENITY GRASS SEED

SUPERIOR LAWN

Suitable for back gardens, utility areas. Hard wearing with rapid establishment.

40%	Perennial Ryegrass	15%	Chewings Fescue
40%	Creeping Red Fescue	5%	Browntop Bentgrass

RYE FREE

Low-growing varieties mean less cutting, suitable for most situations.

60%	Creeping Red Fescue	5%	Smooth Stalked Meadow Grass
30%	Chewings Fescue	5%	Browntop Bentgrass

SHADY

Suitable for shaded areas. Good ground cover with a fine leaved sward.

25%	Chewings Fescue	15%	Smooth Stalked Meadow Grass
20%	Slender Creeping Red Fescue	5%	Browntop Bentgrass
35%	Strong Creeping Red Fescue		

FINE

Fine lawn mix suited to front or formal lawns. Very dense sward from prostrate, fine leaved cultivars.

80%	Chewings Fescue	20%	Browntop Bentgrass
-----	-----------------	-----	--------------------

ENGLISH MEADOW MIX WITH ANNUALS

20% WILD FLOWER MIXTURE WITH FINE GRASSES

3%	Birdsfoot Trefoil	12%	Oxeye Daisy
5%	Red Campion	3%	Corn Poppy
8%	Black Knapweed	4%	Musk Mallow
13%	Self Heal	5%	Meadow Buttercup
4%	Black Meddock	4%	Corn Flower
10%	White Campion	25%	Meadow Fescue
5%	Common Vetch	25%	Smooth Stalked Meadow Grass
4%	Yarrow	21%	Crested Dogtail
7%	Corn Cockle	10%	Sheeps Fescue
6%	Ribwort Plantain	10%	Red Fescue
7%	Corn Marigold	9%	Browntop Bentgrass



Walnes Seeds

WALNES ENVIRONMENTAL MIXTURES

FIELD CORNER & MARGIN MIXTURES

BGM 1 Most suited to free draining soils

(AHL3 AHL4, IGL3)

- 35% Creeping Red Fescue
- 25% Cocksfoot
- 20% Tall Fescue
- 15% Smooth Stalked Meadow Grass
- 5% Timothy

Sow 20kg/Ha

BGM 2 Most suited to stronger soil types

(AHL3 AHL4, IGL3)

- 27% Creeping Red Fescue
- 22% Tall Fescue
- 22% Smooth Stalked Meadow Grass
- 22% Chewings Fescue
- 7% Timothy

Sow 20kg/Ha

BGM 3 (AHL3 AHL4, IGL3)

- 27% Creeping Red Fescue
- 22% Tall Fescue
- 17% Cocksfoot
- 17% Smooth Stalked Meadow Grass
- 7% White Clover
- 7% Timothy
- 3% Birdsfoot trefoil

Sow 20kg/Ha

WILD BIRD SEED MIXTURES

WBS 1 (AB9 AHL2)

- 40% Spring Triticale
- 28% Spring Barley
- 15% Spring Wheat
- 10% Fodder Radish
- 5% White Millet
- 2% Red Millet

Annual Mixture

Sow 40kg/Ha

WBS 2 (AB9 AHL2)

- 45% Spring Triticale
- 20% Spring Barley
- 15% Spring Wheat
- 7% Kale
- 4% Fodder Radish
- 4% White Millet
- 3% Quinoa
- 2% Red Millet

2 Year Mixture

Sow 40kg/Ha

WBS 4 (AB9 AHL2)

- 45% Spring Triticale
- 25% Spring Barley
- 8.5% Dwarf Sorghum
- 7% White Millet
- 5% Linseed
- 4% Japanese reed Millet
- 3% Red Millet
- 2.5% Gold of Pleasure

Annual Mixture (Herbicide Tolerant

**Please discuss with your agronomist
for current product recommendations)**

Sow 40kg/Ha

POLLEN & NECTAR MIXTURES

NECTAR RICH BRONZE (AB1 AHL1, NUM2 NUM3)

35%	Sainfoin
35%	Vetch
8%	Alsike Clover
5.4%	Lucerne (Inoculated)
4%	Red Clover
2%	Birdsfoot Trefoil
2%	Black Medick
0.3%	Yarrow
0.3%	Black knapweed

Sow 10 - 15 kg/Ha

NECTAR RICH GOLD

40%	Sainfoin
18.5%	Vetch
10%	Alsike Clover
10%	Red Clover
10%	Lucerne (Inoculated)
6%	Birdsfoot Trefoil
4%	Black Medick
1%	Black Knapweed
0.5%	Yarrow

Sow 10 - 15 kg/Ha

FLORA MIXTURES

BGM 4 WITH WILDFLOWERS & FINE GRASSES

15%	Chewings Fescue
15%	Hard Fescue
45%	Creeping Red Fescue
3.25%	Sainfoin
15%	Smooth Stalked Meadow Grass
3%	Vetch
1%	Red Clover
0.5%	Birdsfoot Trefoil
1%	Alsike Clover
0.25%	Oxeye Daisy
0.25%	Yarrow
0.25%	Salad Burnet
0.25%	Wild Carrot
0.25%	Ribwort Plantain

Sow 20 kg/Ha

FLOWER RICH MARGIN

25%	Slender Red Fescue
5%	Hard Fescue
12%	Chewings Fescue
25%	Smooth Stalked Meadow Grass
10%	Crested Dogstail
3%	Highland Bentgrass
3.25%	Sainfoin
3.5%	Vetch
2.5%	Birdfoot Trefoil
2%	Black Medick
2%	Red Clover
1.25%	Oxeye Daisy
1%	Ribwort Plantain
1.2%	Yarrow
1.1%	Black Knapweed
1.2%	Wild Carrot
0.5%	Musk Mallow
0.25%	Ladys Bedstraw
0.25%	Selfheal

Sow 20 kg/Ha

FARMLAND BIRD SEED PREFERENCES TABLE

Food preferences of farmland birds	Reed Bunting	Tree Sparrow	Corn Bunting	Grey Partridge	Linnet	Skylark	Turtle Dove	Greenfinch	Chaffinch	Yellow Hammer	Brambling
Cereal (esp. Wheat and Oats)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Goosefoot	✓	✓									
Chickweed	✓			✓	✓		✓				
Meadowsweet	✓										
Hawk's-Beard	✓										
Sow Thistle	✓										
Grasses	✓	✓				✓					
Millet	✓	✓				✓				✓	
Maize	✓	✓									
Quinoa	✓	✓	✓					✓	✓	✓	✓
Knotgrass		✓	✓	✓		✓	✓				
Bedstraw		✓									
Chickweed		✓									
Plantain		✓									
Nettle		✓				✓					
Kale		✓	✓	✓		✓		✓	✓	✓	✓
Oilseed Rape		✓	✓	✓		✓	✓	✓	✓	✓	✓
Sunflower Hearts		✓						✓			
Dock			✓			✓					
Black Bindweed				✓							
Common Hemp-Nettle				✓							
Fat Hen					✓	✓			✓		
Redshank					✓						
Sorrel					✓						
Thistle					✓						
Mugwort					✓						
Dandelion					✓						
Elm					✓						
Linseed					✓	✓		✓	✓	✓	✓
Fumitory							✓				
Common Mouse-Ear							✓				
Borage						✓		✓			

COVER CROPS & SOIL IMPROVEMENT

The introduction of the Sustainable Farming Incentive (SFI) has heightened interest in cover crops and environmental leys that can improve soil health and fertility. Walnes offers a bespoke design and mixing service that can help farm businesses meet these objectives and listed here are some of the straights we use and their individual characteristics to aid business decisions. We can blend cost-effective mixtures to suit specific requirements, optimise soil nutrient balance and benefit nature/conservation.

STRAIGHTS

LEGUMES

Berseem Clover

Quick to establish annual producing a high biomass. Short term and least winter hardy clover.

Crimson Clover

Quick to establish annual forms a dense canopy with good weed suppression. Not generally frost hardy.

Red Clover

Quick to establish producing a thick canopy lasting 3 to 4 years.

White Clover

Persistent, drought tolerant and best grown with grasses.

Common Vetch

Rapid to establish, competitive offering a fast fix of nitrogen.

Purple Vetch

Rapid to establish, competitive offering a fast fix of nitrogen.

Lucerne

Deep rooted, drought tolerant will last for 2 to 4 years.

NON-LEGUMES

Brown Mustard

Rapid to establish with a deep tap root. Good weed suppressant and frost hardy. Bio-fumigant species available

White Mustard

Very fast establishment, with high biomass and some bio-fumigation benefits. Relatively inexpensive but not winter hardy.

Fodder/Oil Radish

A rapid developing crop with long tap root. Excellent nitrogen scavenger and biomass producer (green manure)

Oats

Quick to establish with good biomass production, relatively inexpensive.

Rye

Very rapid establishment, high biomass production and good nitrogen scavenging.

Ryegrass, Westerwold & Italian

Very rapid growth producing high biomass levels over a short period, extremely competitive.

Buckwheat

Extremely fast growing producing a dense canopy. Scavenges for phosphates, very susceptible to frost.

Linseed

Quick to establish, good legume companion.

Phacelia

Good nitrogen scavenger, with moderate biomass production and large quantity of fibrous roots. Not winter hardy.

Sainfoin

Large seed size slow to establish. Deep rooting and drought tolerant, lasts 3 - 4 years and is very frost tolerant.

Sunflower

Large seed-producing crop with attractive flowers. Good feed provider for farmland birds/wildlife.

COVER CROP CHART 26-27

		Sowing rate Kg/Ha	Sowing Window	Sowing depth cm
Berseem Clover	Annual	15	Apr – Sept	1
Crimson Clover	Annual	15	Apr – Sept	1
Red Clover	Perennial	15	Apr – Sept	0.5 - 1
White clover	Perennial	10	Apr – Sept	0.5 - 1
Common Vetch	Annual	50	Mar – Oct	1 – 2
Purple Vetch	Annual	30	Mar – Oct	1 – 2
Lucerne	Perennial	20	Apr – Sept	1 – 2
Brown Mustard	Annual	5	Apr – Sept	0.5 - 1
White Mustard	Annual	15	Apr – Sept	0.5 - 1
Oil Radish	Annual	10 – 25	Apr – Sept	1 - 2
Black Oats	Annual	50	Aug – Oct	1 – 2
Rye	Annual	50	Aug – Oct	1 – 2
Westerwold	Annual	35	Apr – Sept	0.5 – 1
Buckwheat	Annual	50	May - Aug	2 - 3
Linseed	Annual	50	Apr – Sept	2 – 3
Phacelia	Annual	10	Apr – Sept	0.5 - 1
Sainfoin	Perennial	40	Apr - Sept	1 - 2
Sunflower	Annual	12.5	Apr – Jun	1 – 2

	Legume
	Grass / Cereal
	Brassica
	Other

GAME COVER

MUSTARD

Sow at 6kg/acre

Versatile and easy to establish whether broadcast or drilled. Fast germination and can be sown in spring or autumn. Susceptible to hard frosts.

GAME MAIZE BLEND

Approx 45,000 seeds/acre

Popular blend of early, medium and late maturing varieties that can provide full season cover and feed.

GIANT SORGHUM

Sow at 12kg/acre

Winter hardy and provides 3m high dense cover. Shows excellent response to nitrogen and should be drilled 4cm deep in row widths up to 75cm.

DWARF / GRAIN SORGHUM

Sow at 8kg/acre

An easy to establish vigorous hybrid growing to approx 2m in height. A short, large leaved type with good standing ability giving ideal cover and creating a warm holding area for birds.

QUINOA

Sow at 4kg/acre

Capable of producing up to 1000kg of high-protein seed per acre, Quinoa is best planted with a companion crop due to its high seed yielding potential. Usually sown alongside kale to aid standing, Walnes can mix blends of the correct ratio.

GIANT RAPE

Drill at 2.5kg/acre, broadcast at 5kg/acre

Quick growing cover offering an alternative to kale where rabbits and pigeons are a problem.

WHITE MILLET

Sow at 5kg/acre

Mainly used in conjunction with maize or kale into which it can be cross drilled. Highly valued for its feed production. The bushy seed heads can reach one metre in height.

MILLET MIX

Sow at 5kg/acre

A remarkably successful blend of winter hardy reed millet, red millet and white millet this mixture can be used through to late February. Often used as a windproof strip alongside maize and kale.

SUNFLOWER SEED

Sow at 5kg/acre

Available as black or striped varieties, sunflowers are useful in attracting wildlife. Often used to enhance other cover crops such as maize the black seeded varieties tend to be shorter with greater flower production.

KALE

Drill at 2kg/acre, broadcast at 3kg/acre

A game cover standard and a popular, cost-effective choice, Walnes offers a comprehensive range of varieties to suit different requirements.

NOTES

NOTES



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