



Walnes Seeds

**AUTUMN 2025
SPRING 2026
CATALOGUE**



WALNES SEEDS SEEDS SPECIALISTS

Moat Farm, Moat Park, Earl Soham, Woodbridge, Suffolk, IP13 7SR

Tel: 01728 684180

www.walnesseeds.co.uk

CONTACTS

MANAGING DIRECTOR

Andrew Cooper

Mobile: 07836 533419

andrew@walnesseeds.co.uk

DIRECTOR

Judith Golder

judith@walnesseeds.co.uk

ACCOUNTS

Janine Thomas

janine@walnesseeds.co.uk

PRODUCTION

Tim Bater & Ed Doy

Tel: 01728 684180

tim@walnesseeds.co.uk

SALES & TRANSPORT

Dave Thacker

Mobile: 07769 316242

dave@walnesseeds.co.uk

SALES – CONVENTIONAL & ORGANIC

Lawrence Morden

Mobile: 07921 634070

lawrence@walnesseeds.co.uk

SALES & PRODUCTION

Richard Branch

Mobile: 07899 583883

richard@walnesseeds.co.uk



CONTENTS

Oilseed Rape	3
Winter Wheat	5
Wheat Varietal Performance	18
Winter Barley	21
Winter Barley Varietal Performance	27
Spring Barley	28
Spring Barley Varietal Performance	30
Triticale	31
Oats	32
Beans & Peas	33
Drilling Calculations	35
Seed Preparation Services	37
Specialist Treatments	38
Agricultural Grass Seed	40
Amenity Grass Seed	41
Environmental Seed Mixtures	42
Cover Crops & Soil Improvement Mixtures	45
Game Cover	47

KEY TO SYMBOLS

 New for this season	 Suitable for Milling	 Barley Yellow Mosaic Virus Resistant
 Orange Wheat Blossom Midge Resistant	 Suitable for Export	 Suitable for Malting
 Hard Endosperm	 Suitable for Biscuits	 MBC UK Approved
 Soft Endosperm	 Suitable for Feed	 MBC Provisional Approval
 Barley Yellow Dwarf Virus Resistant	 Organic Option	



Suffolk Seed Laboratory, a fully-licensed seed testing station, offers testing across a wide range of cereal, oilseed and grass species to both seed merchants and farmers. A full range of tests for germination, purity, disease and quality can be undertaken at the lab.

Sample collection service available.

Contact

Natalie Lewis/Lionel Field,
Analysts in charge

**The Counting House,
Moat Park, Earl Soham,
Woodbridge, Suffolk IP13 7SR**

Tel: 01728 684188

Fax: 01728 684189

Email:

natalie@suffolkseedlaboratory.co.uk

allfarm

Installations Ltd

***Specialists in
Grain Drying, Storage
& Processing***

- ❖ We design supply and install:
Grain Storage, Drying and Cleaning Systems.
- ❖ Total Customer Service:
Advice, Planning, Design, Construction & Maintenance.
- ❖ Annual Maintenance and Servicing Contracts

Tel: 01728 746200 • Email: mail@allfarmuk.com

Web: www.allfarminstallations.co.uk

**Units 5 & 6 Fullers Business Centre, Riverside View,
Wickham Market, Woodbridge, Suffolk, IP13 0TA.**



OILSEED RAPE

Growing oilseed rape in the UK continues to present challenges. Establishment remains the major issue and early drilling is vitally important if crops are to succeed in the field and produce abundant seed pods with a high oil content. For farm businesses that have an opportunity to include OSR in their rotations, Walnes holds a selection of proven varieties that are suitable for late-summer/early-Autumn sowing across a spectrum of soils. All offer good spring vigour, robust disease resistance and consistent yield potential with a high oil content.

RESTORED HYBRIDS

AMBASSADOR

Limagrain

A hybrid OSR recommended for the East/West regions with high resistance to light leaf spot and moderate resistance to Turnip yellows virus (TuYV). It can be susceptible to verticillium, but the variety is early maturing with good stem stiffness and less likely to lodge and has resistance to pod shatter. No longer part of recommended list (RL) trials.

AURELIA

Limagrain

A proven hybrid variety that is resistant to light leaf spot and Turnip yellows virus (TuYV), although can be susceptible to stem canker and verticillium (based on limited data). Aurelia has high resistance to lodging and produces robust pods with minimal shatter. No longer part of RL trials.

MAVERICK

NPZ

One of the newest hybrid OSR hybrids, it is highly resistant to light leaf spot and stem canker with decent resistance to Turnip yellows 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 highly 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

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

PI PINNACLE

Mike Pickford

This robust OSR is the highest yielding conventional, open-pollinated variety in all AHDB regions and is fully recommended for UK production. It has produced consistent treated gross outputs nationally, with East/West regions giving the highest of these outputs for a winter oilseed rape on RL 2025/26. It has high resistance to light leaf spot but is susceptible to stem canker. Stems are stiff at maturity offering high resistance to lodging (based on limited data).

WHEAT - GROUP 1

CRUSOE



Cordiale x Gulliver

LIMAGRAIN

Introduced in 2012, Crusoe remains a popular choice with millers due to its reliable baking performance and crumb structure. With inherently high protein content, exceptional agronomics and good sprouting resistance, this variety offers growers an excellent level of security, too. A short, stiff-strawed variety, Crusoe offers high resistance to yellow rust, septoria tritici and fusarium ear blight, but requires monitoring for Brown Rust.

KWS VIBE



Bernstein x KWS Zyatt

KWS UK

An exciting new addition to the Recommended List 2025/26, 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 prospective for professional milling wheat growers in all regions of the UK.

This stiff-strawed wheat has shown no major weaknesses in disease resistance during three years of testing and has produced 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 KWS Zyatt and yields ahead of Skyfall and Crusoe.



KWS VIBE

Field good wheat

Group 1 Winter Wheat

- New high quality breadmaking wheat
- Very high untreated yields thanks to all-round excellent disease resistance, including 6.6 for *Septoria*
- Short and stiff strawed





Walnes Seeds

SKYFALL



C4148 x Hurricane

RAGT SEEDS

Skyfall is one of the UK's most widely grown varieties. This high-yielding, awned variety delivers high Hagbergs and specific weights making it a favourite among UK milling wheat growers and end users alike. 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 winter wheat resistant to OWBM. It offers high resistance to brown rust, fusarium ear blight and carries the Pch1 eyespot resistance gene, but is very susceptible to yellow rust.

SY CHEER



C4148 x Hurricane

SYNGENTA

A newly recommended Group 1 milling wheat, SY Cheer's results from harvest 2024 were very promising for both quality and yield, leading to good market uptake. This variety offers high untreated yields driven by robust disease resistance including seedling resistance to yellow rust. It displays high resistance to mildew rust and fusarium ear blight, although is susceptible to eyespot. Straw length is medium-tall, but relatively stiff. This variety has excellent grain quality, with a 'best in class' for 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

New to the AHDB recommended list for Autumn drilling 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 (106%) and west (108%), 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 be suited to all grists. It has impressive disease resistance, with scores of 7 for both Septoria 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 only 2% lodging with and without PGR during the past 2 contrasting seasons.



KWS ARNIE

It's the Guv'nor.

Group 2 Winter Wheat

- Exceptional yield performance, especially in the east (106%) and west (108%)
- Outstanding disease resistances including 7 for *Septoria*
- Best performing bread making variety in the second and more slot



www.kws-uk.com

KWS EXTASE



Boisseau x Solheio

KWS UK

Currently, KWS Extase offers the best combination of disease resistance and physical grain characteristics on the market. The highest yielding breadmaking variety on the RL, it is suited to a wide range of soil types, with performance across all regions remaining strong. As a Group 2 with excellent grain characteristics, this wheat meets the needs 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 tritici - the first variety on the market to score over an 8 – and exhibits high resistance to yellow and brown rust. It boasts the second highest untreated yield on the RL at 91% controls, but it is very susceptible to eyespot.

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 7.2 for Septoria, 7 for mildew, 9 for yellow rust and 6 for eyespot it has exemplary disease resistance due to its different genetic base to other commercial Group 2 varieties (particularly for Septoria). An early maturing variety, KWS Palladium is a short, stiff-strawed wheat 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, typical of a Group 2 wheat, 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

Introduced in 2023, Mayflower's genetics offer something different to Group 2. It carries the Pch1 eyespot resistance gene and its 8.9 score for Septoria tritici is currently the best on the RL, which when combined with a score of 9 for yellow rust and 6 for brown rust, confirms why it's proving a popular option for growers. It has given high treated yields in an early sowing situation and demonstrated no major weaknesses in disease resistance alongside very high yields in untreated UK trials.

Grain quality has been good, with high Hagbergs and specific weights reported. With good protein levels attained under a regime to achieve milling specification, the variety benefits from higher levels of water absorption than most Group 2 varieties, although shows some variability in its baking performance. Mayflower has moderate straw strength but responds well to plant growth regulators.

RGT GOLDFINCH



Arezzo x Rubisko sib

RAGT SEEDS

RGT Goldfinch has a very good foliar disease resistance profile. It displays resistance to both BYDV & OWBM, and offers growers an opportunity to grow quality wheat without using insecticides. A popular choice for organic farms, this variety has high resistance to mildew (based on limited data), yellow rust, septoria tritici and has the highest rating for brown rust resistance on the recommended list for winter wheat 2025/26. End users have observed excellent bread making qualities. During three years of testing, RGT Goldfinch showed good protein and water absorption. Baking performance was generally good, although some variability was noted. The optimum sowing times will vary, depending on location, but growers are recommended to drill Goldfinch between mid-September and the end November. Later sowing is likely to limit the chance of achieving this varieties full potential.



WHEAT - Group 3

BAMFORD



Moulton x EW129 ELSOMS

Bamford is a versatile Group 3 option with some of the widest market options. One of the highest yielding soft wheats on the 2024/25 RL list, 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 tritici (6.7), 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 hagerbs and high spec weights for a soft flour. Chopin data reporting both 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.



TOP BAMFORD '25.

BAMFORD

Winter Wheat

Speak to your seed merchant today about availability.

Elsoms
The Seed Specialists
elsoms.com 

KWS SOLITAIRE



Sundance x Shabras

KWS UK

A new addition to this autumn's drilling options, KWS Solitaire offers growers a comprehensive alternative for the soft winter wheat market. With favourable gross margin opportunities, this variety is one of the highest-yielding biscuit wheats, although Hagbergs are not as high as other biscuit types. It is also suitable for distillation and has excellent potential for some export markets. Outstanding yields are reported across all sites with noted very high untreated yield (88% of treated controls) due to broad-spectrum disease resistance traits. The variety is OWBM resistant, and shows good resistance against mildew (6), yellow rust(8), Septoria (6.7) and Fusarium ear blight (6). A high tillering variety, KWS Solitaire 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.

NEW

KWS SOLITAIRE

The foundation for an excellent result

Group 3 Winter Wheat

- Market leading combination of grain quality, earliness and disease resistance
- Highest yielding soft wheat – best performances in the west (109%)
- Harnesses all soft markets – Group 3, UKS, distilling and feed

KWS



www.kws-uk.com

WHEAT - Group 4 FEED

CHAMPION



DSV20122 x Reflection

DSV

This hard-milling wheat is one of the few varieties to overcome the 'yield/resistance' trade-off. Champion is reliably one of the highest yielding Group 4 varieties on the recommended list when grown as either 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 habit, 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 over five years of trials in the UK or on farm. It boasts some of the best scores against yellow rust and Septoria and also offers good 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 to both yellow rust and Septoria tritici. First recommended in 2016/17, Graham is a reliable, early maturing variety capable of delivering good quality grain of high specific weights and relatively high Hagbergs. It remains a popular option, exhibiting high yields in untreated UK trials and consistent performance in the field. It has high resistance to septoria tritici and yellow rust, but is susceptible to eyespot. A medium-tall variety, it has relatively stiff straw and is quite early to mature.

KWS DAWSUM



KWS Kerrin x Costello

KWS UK

KWS Dawsum has performed well throughout the UK and across a range of rotational positions, soil types and sowing dates. It offers high yield potential and exceptional grain quality that exceeds the intake requirements of the animal feed sector, but its outstanding specific weight (79.9 kg/hl) might also find favour with some milling markets. This variety has achieved high yield potential in the North region, in an early sowing situation and on lighter soils and has given high yields in untreated UK trials. It is highly resistant to yellow rust (9) with a strong resistance to septoria (6.3) brown rust, mildew and fusarium ear blight. It is a relatively short, stiff-strawed variety with a flexible sowing window that can deliver reliable yields across the rotation whether drilling early (105%), mainstream (103%) or late season (103%).

KWS SCOPE



Informer derived

KWS UK

This newly launched, hard-milling variety brings fresh genetics to UK wheat sector. 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. It currently tops the AHDB list for yield (UK) has delivered excellent performance, particularly in 2023 & 2024 when it was one of the highest yielding wheat lines in NL2 trials (107% controls in 2023 & 111% in 2024). It's best performance to date has been observed in the AHDB west region (111% controls) and north (107% controls) regions. A medium-high tillering variety, KWS Scope offers strong disease resistance for yellow rust (7) and Septoria (6.5) and OWBM, but can be susceptible to eyespot.

NEW

KWS SCOPE

High yields are in sight!

Group 4 Winter Wheat

- Highest yielding variety on the Recommended List
- Hard Group 4 feed wheat with new genetics for UK growers
- Ideal wheat for growers who like short and stiff types like Graham

KWS



www.kws-uk.com

LG BEOWULF



Costello x Gleam

LIMAGRAIN

LG Beowulf is a high yielding group 4 hard wheat with an excellent agronomic package. It offers consistent yield and performs well across all regions, seasons and rotational positioning. It has very good disease resistance and is successful as a first, second or continuous wheat, that can be grown across a range of heavy to light soils. The variety is highly resistant to yellow rust with a rating of 9 and is rated 6.7 against Septoria tritici. It offers moderate resistance to fusarium ear blight and eyespot with added security against OWM. LG Beowulf has a wide drilling window from mid-September through to the end of January and tillers well with stiff straw. It has achieved an average UK yield of 106% and has been shown to perform as well as a second wheat as it has as a first, no matter sowing date or soil type.



“We chose LG Beowulf for its consistent high yield & good disease package. The grain quality is an added bonus, giving potential access to more markets.”
Dan,
Lincolnshire

LG

**YIELD EVERY OPPORTUNITY,
SEASON, REGION & SCENARIO**

LG BEOWULF WINTER WHEAT

- High yielding, consistent Group 4 hard wheat
- Outstanding disease resistance with OWBM
- High specific weight

lgseeds.co.uk/lg-beowulf

Limagrain Field Seeds

Limagrain

RECOMMENDED AHDB

SCAN ME

LG TYPHOON



Garrus x LGW88

LIMAGRAIN

Introduced in 2022, LG Typhoon is a hard milling feed variety with excellent disease resistance. Rated 7.2 for Septoria tritici and 9 for yellow rust, it offers one of the best combinations in the sector. Yield is slightly below the top listed Group 4 varieties, but LG Typhoon's combination of excellent disease resistance, OWBM resistance and slower development make it an excellent choice for the earlier sown slots not favoured by some of the top yielders. A relatively late maturing variety, LG Typhoon has given high yields in untreated UK trials, although limited data suggests it can sprout, so it should be given priority at harvest.

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. It has also shown high yield potential across a range of sowing dates (based on limited data) and given high yields in untreated UK trials. LG Redwald tends to achieve low Hagbergs and specific weights and is rated 'medium' for distilling. It offers very good resistance to septoria resistance (6.7) and OWBM. It is a fast developing variety and medium-tall straw height requires careful agronomic management. Suited to later sowing, it is competitive in a black grass situation but has been known to sprout. It performs well as a second wheat.

RGT HEXTON



Graham x RGT Universe

RAGT SEEDS

A new soft-milling feed variety recommended for the UK, RGT Hexton shows a good overall disease profile with strong resistance for yellow rust and septoria tritici. It is also resistant to OWBM. It has achieved very good yields in every part of the UK - especially the North – and it performs well on light soils and when sown early. Its swift growth in spring means it can be sown successfully during autumn/winter through to mid-January. It performs well as a second wheat.

Classified as a UK soft wheat for export, RGT Hexton is rated as 'medium' for distilling.



Versatile 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

RGT HIGHGROVE



Undisclosed

RAGT SEEDS

Although RGT Highgrove is not on the recommended list it shouldn't be discounted. A hard feed wheat with OWBM resistance, it has unique septoria tritici resistance and a strong overall resistance to all foliar diseases and Pch1 eyespot. A robust variety in the field, trials have shown excellent drought/stress tolerance in challenging seasons with good specific weights. Well suited to organic production this awned, stiff-straw variety is relatively early maturing with decent grain quality with good specific weights.

SY INSITOR



(Hereford x Oakley) x Hereford

SYNGENTA

A very high yielding hard group 4 feed wheat SY Insitor has demonstrated excellent performance across the whole of the UK and very high specific weights. The variety exhibits 12% extra root length, and a longer total primary root length with a rapid developing root system that helps deliver good results on light land. This more extensive root system also enhances nutrient and water capture. SY Insitor performs well on all soil types across all mid to late drilling positions as a first and second wheat. It has given very high treated yields in the East and North regions, in an early sowing situation (based on limited data), and on lighter land across a range of rotational positions. Yield potential combined with high resistance to septoria tritici, mildew, fusarium ear blight and OWBM makes it a popular choice, although it can be susceptible to yellow rust. It is a medium-tall wheat with moderate straw strength. It responds well to plant growth regulators but does have a tendency to sprout, so should be prioritised at harvest.

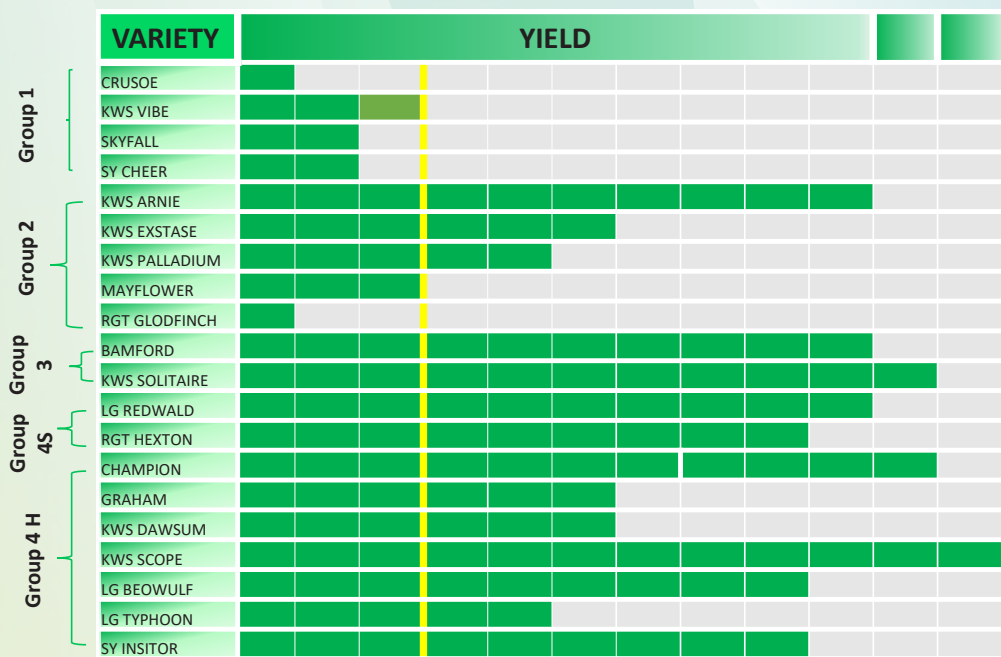




Walnes Seeds

WHEAT - VARIETAL PERFORMANCE

PRODUCTIVITY



AGRONOMICS

	VARIETY	SPECIFIC WEIGHT KG/HL	STANDING POWER	MILDEW	YELLOW RUST	BROWN RUST	SEPTORIA TRITICI	EYESPOT	FUSARIUM
Group 1	CRUSOE	78.5							
	KWS VIBE	79.1							
	SKYFALL	79.4							
	SY CHEER	79.8							
Group 2	KWS ARNIE	79.1							
	KWS EXSTASE	79.2							
	KWS PALLADIUM	77.7							
	MAYFLOWER	79.2							
Group 3	RGT GLODFINCH	78.2							
	BAMFORD	78.7							
	KWS SOLITAIRE	77.1							
	LG REDWALD	75.7							
Group 4S	RGT HEXTON	77.0							
	CHAMPION	75.6							
	GRAHAM	77.8							
	KWS DAWSUM	79.9							
Group 4 H	KWS SCOPE	78.9							
	LG BEOWULF	78.5							
	LG TYPHOON	77.4							
	SY INSITOR	78.8							

KEY	POOR	GOOD	VERY GOOD	EXCELLENT

SPRING WHEAT

KWS HARSUM



KWS Sywell x KWS Scirocco

KWS

KWS Harsum is a high yielding Group 1 breadmaking wheat. It produces similar grain to established variety 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 OWM. Confirmed as a Group 1 wheat by the UK Flour Millers in December 2022, 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 OWM, 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 a 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 tritici (6), brown rust (6), mildew (7) and yellow rust (7). Although protein levels are good, gluten quality tends to be weaker than the other Group 1 spring wheats and some variability has been reported in baking performance.

NISSABA



Hathaway x BA W54

KWS

With a wide drilling window from early October through to the end of April, Nissaba offers equivalent performance to Mulika. The variety has high resistance to brown rust and is resistant to OWM. It also offers robust resistance to Septoria tritici (6) and although can be weaker against mildew (5) and yellow rust (5), this tends to occur later in the season. Nissaba offers high Hagbergs and substantial grain protein levels. Its gluten quality is good although a slight variation has been seen in the baking quality.

WINTER BARLEY - FEED

KITTY



11-12 X KWS Orwell

SENOVA

Kitty is a new addition to AHDB's 2025/26 recommended list. A high-yielding two-row feed variety, it offers exceptional specific weights with improved resistance to the most common strains of BYMV. A very strong performer in most regions, Kitty has shown 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 and looks set to be a popular choice 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.

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

KWS TARDIS



11-12 X KWS Orwell

KWS UK

KWS Tardis is the joint second highest yielding 2 row variety on the current recommended list. A market leader, its combination of stiff straw, good disease resistance, early maturity and high specific weight make this autumn sown feed barley a popular variety for most growers.



Walnes Seeds

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 has achieved an exceptionally high specific weight for a winter barley, at 71.4 kg/hl and is backed up by an excellent disease profile. It is resistant to brown rust and mildew and the common strains of BYMV (BaMMV and BaYMV strain 1). An early maturing variety, LG Cravalle has performed well across all regions and soil types in the UK, giving producing high untreated yields. It has relatively stiff straw and proved a very favourable option for eastern England and land with heavier soils.

LG

**WINTER BARLEY CHOICE
MADE EASY**

LG CARAVELLE WINTER BARLEY

- Consistent high yielding 2-row
- Robust disease resistance package
- Excellent specific weight

lgseeds.co.uk/lg-caravelle

Limagrain Field Seeds

Limagrain

RECOMMENDED AHDB

SCAN ME

WINTER BARLEY - HYBRID

INYS



KWS UK

Another new entry on the 2025/26 RL, Inys offers growers very high-yields and good performance across a range of soil types. Initially recommended for commercial markets in 2024, this six-row hybrid feed variety is the first of its kind from KWS and offers good all round agronomy and high disease resilience. Inys is resistant to the common strains of BYMV (BaMMV and BaYMV strain 1); highly resistant to mildew with a fairly robust resistance to Rynchosporium, brown rust, and net blotch. A tall, stiff-strawed (based on limited data), relatively early maturing variety, it is rated one of the highest yielding winter barley on the RL, offering high stable yields across a number of seasons and one of the lowest brackling and lodging ratings.

SY CANYON

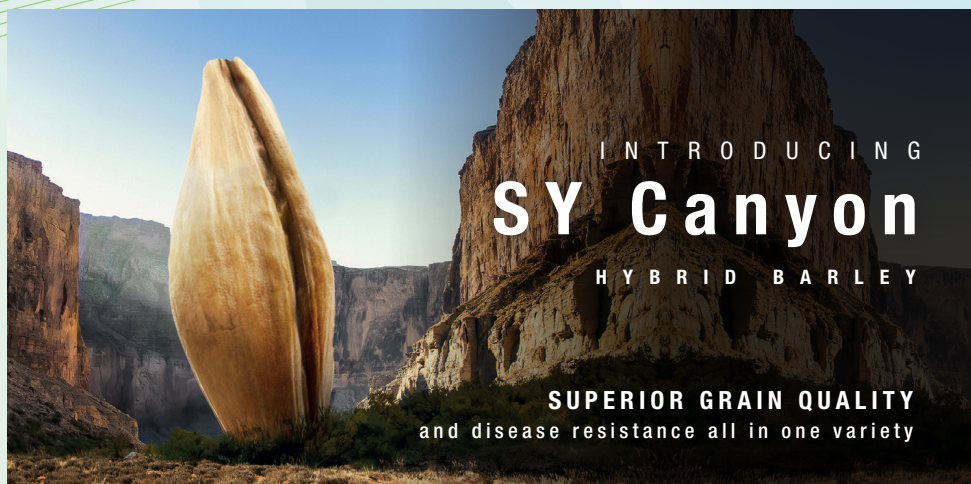


SYNGENTA

Launched in 2020 SY Canyon offers exceptional grain quality and the highest specific weight for a six-row winter barley on the AHDB recommended list for 2025/26. Offering similar yields to Kingsbarn, this feed barley is resistant to mildew and rhynchosporium and reports high productivity in untreated UK trials, with particularly good performance noted in treated crops in the West and North regions and on light soils. A relatively early maturing variety, SY Canyon is tall with moderate straw strength and requires careful management to counter potential lodging.



Walnes Seeds



syngenta.

Syngenta UK Ltd. Registered in England No. 849037, CPC4 Capital Park, Fulbourn, Cambridge CB21 5XE.
Tel: +44 (0) 1223 883400 Technical Enquiries: +44 (0) 800 1696058
Email: customer.services@syngenta.com Website: www.syngenta.co.uk



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). It is the only winter feed barley on AHDB's 2025/26 recommended list offering this level of viral protection and 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.

SY KINGSBARN



SYNGENTA

This hybrid variety offers exceptional output with the highest specific weight and the lowest screenings of any six-row barley. It has good disease resistance – comparable with other hybrids – and has shown stable, productive performance in untreated and treated situations, across all regions of the UK. With drilling recommended from late September through to mid-October, this variety has proved very competitive against grass weeds. It is resistant to Barley yellow mosaic virus and offers good resistance against mildew, net blotch and Rhynchosporium but can be susceptible to brown rust. An early maturing variety, SY Kingsbarn is relatively tall with moderate straw strength that requires careful management.

SY QUANTOCK



SYNGENTA

Another of the new Hyvido hybrid varieties, SY Quantock offers high yields and robust disease resistance, performing well 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 70.4 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. With a strong disease resistance package, this two-row variety resists brown rust and Rhynchosporium and is resistant to the common strains of BYMV (BaMMV and BaYMV strain 1). Although relatively tall when mature, Buccaneer displays very low brackling levels and has produced its best relative performance in the East region and on heavier soils. It achieves low screenings and good specific weights – qualities favoured by malsters and those brewing craft beers.

CRAFT



SY 208 x SY Venture

SYNGENTA

Another winter malting variety, Craft is one of the most widely grown barley crops. Introduced in 2017, this reliable two-row variety is popular with both growers and end users. Offering a high specific weight, combined with a robust disease profile, Craft 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										
KITTY										
KWS TARDIS										
LG CARAVELLE										
INYS										
SY CANYON										
SY KESTREL										
SY KINGSBARN										
SY QUANTOCK										

AGRONOMICS

VARIETY	EARLINESS	STRAW STRENGTH	MILDEW	BROWN RUST	RHYNCHO-SPORIUM	NET BLOTCH
BUCCANEER						
CRAFT						
KITTY						
KWS TARDIS						
LG CARAVELLE						
INYS						
SY CANYON						
SY KESTREL						
SY KINGSBARN						
SY QUANTOCK						

KEY	POOR	GOOD	VERY GOOD

SPRING BARLEY

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, rhynchosporium and net blotch and reports consistently good performance in untreated UK trials. Short-strawed (72 cm) Laureate has good brackling resistance and a low/moderate resistance to lodging.

PTARMIGAN



Skyway x Hurler

SECOBRA

Ptarmigan is a new addition to the recommended list and 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, 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 mildew and net blotch (based on limited data) and as a relatively stiff-strawed variety shows moderate resistance to brackling (based on limited data). Growers are advised to speak to merchants before committing to this or any other listed variety.

SY TENNYSON



SY Splendor x LG Diablo

SYNGENTA

Dubbed the next generation of malting barley, SY Tennyson offers high yield performance and a low specific weight. Fully approved by the MBC in 2024 for both brewing and malt distilling use, it has produced high treated yields in the East region. This hybrid variety displays good resistance to mildew although it can show susceptibility to net blotch, brown rust and Rhynchosporium. Other key advantages are Tennyson's late maturity and relatively stiff-strawed traits, which makes brackling/lodging less of an issue.

SY ARROW



(Laureate x SY Splendor) x SY Bronte

SYNGENTA

SY ARROW is the highest yielding spring barley variety on the AHDB spring barley RL for 2025 with potential for both brewing and malt distilling. This new addition is recommended for the UK has given high treated yields in both the East and North regions and has a 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, this variety is an exciting addition to the spring portfolio combining high yield, quality grain and strong agronomic performance in the field. SY Arrow's earlier 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 the longest serving spring barley varieties still being grown in the UK. Although yield does not rank it worthy of an RL listing, it continues to produce very competitive yields on-farm 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 lines Westminster is a reliable option for organic farms and less intensive cereal systems offering 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				
LAUREATE					
PTARMIGAN					
SY ARROW					
SYTENNYSON					

AGRONOMICS

VARIETY	EARLINESS	STRAW STRENGTH	MILDEW	BROWN RUST	RHYNCHOSPORIUM
LAUREATE					
PTARMIGAN					
SY ARROW					
SY TENNYSON					

KEY	POOR	GOOD	VERY GOOD	EXCELLENT

TRITICALE

The performance of triticale in a second cereal situation 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 opening up for this crop in the green/renewable energy sector. Its inherently high fermentable carbohydrate and soluble protein content makes Triticale 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. Again, this Triticale 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 and has an excellent specific weight. A moderately tall variety with stiff straw, this triticale delivers exceptional agronomics and field performance, making it a viable alternative as a second cereal in conventional crop rotations.

FRIGUS

NEW SPRING SOWN

COPE SEEDS

Bred by accomplished Polish breeder DANKO, Frigus is a spring Triticale. A new variety to the UK, this spring-sown crop demonstrates consistent performance across different seasons, with good grain yields reported in the UK, Poland, and Austria. Frigus has long (100-104cm), stiff straw and also demonstrates robust disease resistance. Its coarse grains have a good specific weight and a high protein content (in 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. An established favourite with millers and growers, this tall, stiff-strawed variety has excellent resistance to mildew and good resistance to crown rust. A husked variety, this winter oat offers an exceptionally high kernel content and a high specific weight, delivering consistent crops of large grains and low screening losses. A top quality milling oat Mascani remains a cost-effective choice.

MERLIN

SPRING SOWN

Neklan x Canyon

COPE SEEDS

A high-yielding, high-performance husked variety, Merlin is suitable for all regions of the UK. The YEN yield award winner(oats) for Harvest 2024, it can deliver high quality oats from both organic or conventional farming systems. With a high resistance to mildew, Merlin 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. 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 the highest specific weight for a husked oat on the 2025 AHDB recommended list. A white grained oat, it exhibits outstanding grain quality and a robust/moderate resistance to key diseases including mildew (5) and crown rust (5). This variety can produce very high yields of top quality grain whether sown in autumn or spring. 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 most importantly, excellent kernel content.

PULSES

BEANS

VESPA

AUTUMN/SPRING SOWN

SENOVA

Vespa is the highest yielding winter bean on the current 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 excellent disease resistance.




VESPA

Winter Bean

With the joint highest yields on the PGRO Descriptive List, excellent standing ability and large grain, market leader

Vespa is the perfect variety for your rotation and the markets.

Other Senova varieties:







The Winter Bean creating a real buzz!

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



Tel 01223 890777 • info@senova.uk.com • [Facebook](https://www.facebook.com/SenovaLtd) • [Instagram](https://www.instagram.com/SenovaLtd) • www.senova.uk.com

GENIUS

SPRING SOWN

NPZ

Genius is rated a high yielding spring bean on the PGRO Descriptive List for 2025. A robust, relatively early maturing variety it produces large sized beans and offers growers excellent agronomic traits including high standing ability at harvest and good resistance to downy mildew. Another reliable spring bean offering quality yields suitable for various markets

PEAS

BATIST

SENOVA

A very high yielding, large seeded yellow pea, Batist offers reliable performance and productivity with quality crops that are suitable for both human consumption and livestock feed markets. With good resistance to downy mildew and strong standing ability this pea is taller other combinable varieties and matures early which can be advantage at harvest.

KACTUS

SENOVA

A well-established and very productive green(blue) pea, Kactus continues to be one of the best-performing varieties in the UK. Offering excellent disease resistance and good standing ability it remains a popular choice with growers. Kactus has produced consistently good yields in recent seasons and retains its superb resistance to downy mildew.



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 gr weight
Example 1000 gr wt 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																						
TGW	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 offer a comprehensive cleaning service for both conventional and organic commodities, through our fixed, static, seed cleaning plant. The considerable experience of our staff and superior capabilities of our cleaning equipment enable 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

Triticale

Linseed

Peas

Wheat

Oilseed Rape

Beans

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.

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.



The Original Take-All Seed Treatment



Protecting Yield, Quality and Profit since 2001

LATITUDE®

www.certisbelchim.co.uk/latitude

Lat is a registered trademark of Certis Belchim. All other trademarks are the property of their respective owners. For further information refer to the product label and the product data sheet. Lat is a registered trademark of Certis Belchim. All other trademarks are the property of their respective owners. For further information refer to the product label and the product data sheet.



Certis Belchim
GROWING TOGETHER

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



Syngenta UK Ltd. Registered in England No. 849937.
Jewell's Hill International Research Centre, Broadbush, Berkshire, RG43 8BY.
Contact your Area Manager: www.syngenta.co.uk/contact-us | Email: reception.combridge@syngenta.com | Website: www.syngenta.co.uk
All trademarks are registered trademarks of a Syngenta Group Company or a third-party licensee.
Always read the label and product information before use.
For further product information, including warning phrases and symbols, refer to www.syngenta.co.uk
© Syngenta UK Ltd. 2025

 **Nuello® iN**

syngenta.

WALNES GRASS MIXTURES

Listed here are our standard grass/herbal seed mixtures for agricultural, amenity and environmental use, as it is impossible to publish the diverse range of options Walnes can produce. 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

12kg 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 (AB₁AHL₁, 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 Dogtail
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 with high biomass production, 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 25-26

		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 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 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 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 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

SOW D-2.5KG B-5KG/ACRE

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

WHITE MILLET

SOW 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 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 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

SOW D-2KG B-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















**Creating the right
impression for your
business in East Anglia**



OUR SERVICES INCLUDE:

Gipping Press now has over 45 years experience working with a wide variety of local businesses, organisations, associations, clubs and societies.

Talk to us today for help with all your printing and promotional requirements.

- | | |
|---|---|
|  Design and origination |  Business stationery |
|  Promotional flyers and posters |  Newsletters and magazines |
|  Programmes and catalogues |  Books and brochures |
|  Calendars & reports |  Christmas, greeting & postcards |
|  Signage, displays and banners |  Promotional gifts and clothing |
|  Personal and wedding stationery |  Tickets and cards for all occasions |

Tel: 01449 721599
www.gippingpress.co.uk

Units 1&2, Maitland Road, Lion Barn Ind. Estate,
Needham Market, Ipswich, Suffolk IP6 8NZ

Email: enquiries@gippingpress.co.uk

