



AUTUMN SEED BROCHURE 2025





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DRILL DATES AUTUMN 2025

VARIETY	DRILLING WINDOW	SECOND WHEAT PERFORMANCE
KWS Vibe	15th Sept - End Jan	Good
Skyfall	Mid Oct - End Jan (Latest safe sowing date 7th March)	Good
Crusoe	Mid Sept - End Jan	1st wheat preferred
SY Cheer	Mid Sept - End Jan	1st wheat preferred
KWS Arnie	20th Sept - End Jan	Good
KWS Equipe	1st Oct - End Jan	1st wheat preferred
KWS Extase	25th Sept - End Jan	1st wheat preferred
KWS Palladium	7th Sept - Mid Feb	Good
Mayflower	1st Sept - End Feb	Good
RGT Goldfinch	25th Sept - End Dec	
KWS Solitaire	7th Sept - End Jan	Good
Bamford	Mid Sept - Mid Feb	Good
RGT Hexton	15th Sept - Mid Jan	Excellent
KWS Zealum	Mid Sept - End Jan	Excellent
KWS Scope	7th Sept - End Jan	Good
LG Beowulf	Mid Sept - End Jan	Good
Champion	20th Sept - Mid Feb	Excellent
KWS Dawsum	7th Sept - End Jan	Good
Graham	1st Sept - End Jan	1st wheat preferred
LG Typhoon	Mid Sept - End Feb	Good

HARVEST 2025

We are excited to welcome you to our hugely successful independent trials at Cottam Warren Farm again, where all the breeders will be in the plots as usual as well as end home user analysis and our own independent perspective. Last year was the first time we had accurate trial results which we shared with you, with the newcomer for 2024, Bamford topping both the treated (11.43 t/ha) and untreated (10.10 t/ha) results.

New barley varieties to look at this year include KWS Valencis (KWS Tardis x KWS Caribou), a new 2 row conventional feed barley, which has a treated yield in our area of 107% and an untreated yield of 91%. It combines the good grain quality and specific weight of its parent, KWS Tardis but with a higher yield and disease resistance. Kitty (Valerie x LMG3601) a new 2 row conventional feed barley has a treated yield in the east of 104% and an untreated yield of 81% and has a very impressive grain quality with a bushel weight of 72.7. This is a good variety for customers looking for a KWS Cassia replacement or a slightly later maturing barley to spread workload. Both varieties are at the crop trials and we have seed available for Harvest 2025.

On the wheats, there is another new milling wheat on the recommended list this year, joining SY Cheer which now has full Group 1 approval. We waited 10 years for a new Group 1 variety and then two come along within a year! Some of you tried SY Cheer last year and KWS Vibe (KWS Zyatt x Bernstein) is very similar, yielding 1% higher at 98% and a slightly higher untreated yield at 89% (compared to 82% for SY Cheer).

The Group 2 market is becoming increasingly crowded, with 5 new varieties

on the recommended list this year. The best of these is KWS Arnie (KWS Zyatt x KWS Extase), yielding as well as the top feed varieties at 106%. It has a robust disease profile but does not benefit from OWBM resistance. RGT Goldfinch is a new variety out of the RAGT Genserus program and is the UK's first BYDV and OWBM resistant wheat. It has a treated yield of 87% in the East but an untreated yield of 84%, offering growers an insecticide free bread making wheat. Growers must be aware that this variety needs a very careful PGR programme as its straw strength is weak if untreated.

Bamford took the Group 3 market by storm last harvest and there is a new KWS variety called KWS Solitaire (LG Sundance x Shabras) which yields the same as Bamford but with the benefit of OWBM. There is a new soft Group 4 variety called RGT Hexton which is an excellent early variety, with a yield of 105% in the east and an untreated yield of 80% with OWBM resistance.

KWS Scope (Informer x KWS Kinetic) is new to the Group 4 hard market and is the highest yielding variety on the recommended list. It has a strong disease profile, OWBM resistance and an untreated yield of 85% - a good one to try this Autumn for those looking for a barn filler. All these new varieties are available to see at the crop trials for anybody who is interested.

Casting our eye forward, we are excited about a new spring barley, Ptarmigan. The variety has nice grain quality, improved yield and agronomics over Laureate and is in test with Muntons. One to watch.

Thank you for your ongoing support and we look forward to doing business in the coming Harvest 2025 season.



Ptarmigan

SPRING BARLEY



“Adaptable, early maturing and high quality”.

Find out more →



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



secobra.co.uk



DO YOU KNOW WE MIX SMALL SEEDS?

We sell a full range of grass, game cover and environmental mixes – please get in touch to discuss your requirements for this spring.

POPULAR ENVIRONMENTAL MIXES:

Winter Bird Food (CAHL2)

Legume Fallow (CNUM3)

Herbal Ley (CSAM3)

Cover Crops (CSAM2)

Pollen and Nectar (CAHL1)

Flower Rich Margins (CIPM2)



Call: 01377 253314

Mortimers, Unit 13, Pexton Road, Kelleythorpe Industrial Estate, Drifffield, East Yorkshire, YO25 9FR

SMALL SEEDS

We have invested in our own small seeds mixer and are now able to mix cover crops and SFI mixes on site which can be tailored to suit your requirements.

We also sell a full range of grass mixtures which can be designed to suit individual farm needs. Please speak to one of the team to discuss.

COVER CROPS

Quick Growth Cover Crop (SAM2):		Non-Brassica Cover Crop (SAM2):		Multi-Species Cover Crop (SAM2):	
Species	%	Species	%	Species	%
Mustard	45	Vetch	37	Crimson Clover	25
Fodder Radish	45	Buckwheat	30	Fodder Radish	18
Phacelia	10	Crimson Clover	22	Mustard	29
Phacelia	10	Phacelia	11	Phacelia	15
Seed Rate (kgs/ha)	12.0	Seed Rate (kgs/ha)	13.5	Tillage Radish	12
		Seed Rate (kgs/ha)	20.0		



Soil Improver (SAM2):		Rescue Mix:	
Species	%	Species	%
Phacelia	5	Mustard	40
Vetch	80	Interval	40
Mustard	15	Fodder Radish	20
Seed Rate (kgs/ha)	40.0	Seed Rate (kgs/ha)	12.5



COMPANION CROPS



GRASS MIXES



GAME COVER



MORTIMERS COMMERCIAL CLEANING

Our plant and colour sorter can undertake commercial cleaning of crops. We can clean ergot out of milling wheat, barley out of milling wheat, fusarium out of malting barley, ergot out of malting barley and the general cleaning up of wheat.

The Optical (Colour) Sorter



If in future you need to clean up an otherwise valuable crop please get in touch.

ABOUT US

Mortimers are independent grain, seed and fertiliser merchants in Drifffield, East Yorkshire who produce the highest quality seed at their new production facility. The state of the art plant, built in 2014, has been further enhanced, with the installation of a new large treater, a precleaner and an optical (colour) sorter. This ensures the best possible cleaning and accurate chemical application of all cereals and pulses and Mortimers offer a service for both certified and farm saved seed.

FARM SAVED SEED

Included in the farm saved seed service is an option to haul your tonnage to and from our plant. Alternatively, we can arrange for your grain to be collected and brought back to farm. We can also test seed for germination and TGW. If a Glyphosate type product has been used, a full grow-on test would be required. Collection of any BSPB royalty is typically undertaken by us and paid over on your behalf. Alternatively, you are free to pay royalty on a hectare basis. Full guidance is available on request.

We have our own on site weighbridge: farm saved seed will be weighed in and screenings will be credited with their feed value at the time. Our emphasis is on quality when cleaning and treating your farm saved seed. Our Cimbria seed cleaning equipment and optical sorter ensures the seed is cleaned to the highest standard, and accurate chemical application through the Bayer Evolution seed treatment applicator, results in the best possible start to your crop.

CERTIFIED SEED

Certified Seed wherever possible will be selected from one of our own local quality growers. Our staff regularly inspect the growing crops to ensure they are grown to the highest standard and in the best possible conditions. Once harvested, we undertake full germination, purity and screening tests on all lots. During intake, the seed is checked again before it is allowed to tip. Once cleaned, a representative sample is taken to an Official Seed Testing Station for a germination and purity test.

We pride ourselves in producing the highest quality seed and offering impartial advice on varietal selection and chemical application.



MORTIMERS LIVESTOCK NUTRITION

Mortimers are now offering livestock feed in partnership with Dugdale Nutrition. From pellets, nuts, rolls and blends to mill and mix additives, all of our livestock products will come from Dugdale Nutrition.

Dugdals are a 6th generation family run company with a very similar approach to Mortimers with their own fleet of 26 wagons, a strong technical and nutritionist team and a focus on quality product that delivers a measurable improvement on farm. Bulk blower wagon deliveries are within three days of order with further options of 25kg and 1t bags. Some 25kg stock is available from Driffield.

Please contact the office for details of our Lamb, Sheep, Calf and Beef feeds and prices.

LAMB FEED

PRODUCT NAME	ADDITIVES	SIZE	ME	PROTEIN	STARCH & SUGARS	FIBRE	GFLI
Progressive Rumistart Pellets	AmCl NS SAF S	3mm	13.2	18	34	7	589
Lamb Finisher Pellets	AmCl Lamb NoS	3mm	12.8	16	32	8	577
Intensive Lamb Nuts	AmCl Lamb NoS	6mm	12.8	16	33	7	625
Stockmaster	AmCl Lamb NoS	6mm	12.8	16	33	7	625
Super Lamb Nuts (bags Super Finisher)	AmCl Lamb NoS AC	6mm	12.8	15	36	7	564
Alka Finisher	AmCl Lamb noS	6mm	12.6	15	42	6	568
Progressive GT Nuts	AmClAC Lamb S	6mm	12.9	17	34	8	454

SHEEP FEED

PRODUCT NAME	ADDITIVES	SIZE	ME (DRY)	PROTEIN	STARCH & SUGARS	FIBRE	VIT E
Soyamax Nuts	AvZn, AuSe, AvMn, S	6mm	13.1	18	36	5.6	150
Soyamax Rolls	AvZn, AuSe, AvMn, S	12mm	13.1	18	36	5.6	150
Healthy Sheep Nuts	AvZn, AuSe, AvMn, S	6mm	12.8	18	31	7.7	150
Healthy Sheep Rolls	AvZn, AuSe, AvMn, S	12mm	12.8	18	31	7.7	150
Ewenique Sheep Nuts	AvZn, AuSe, AvMn,	6mm	12.6	18	33	7.5	150
Ewenique Sheep Rolls	AvZn, AuSe, AvMn,	12mm	12.6	18	33	7.5	150
Prime Ewe Nuts	AvZn, AuSe, AvMn,	6mm	12.3	18	25	8.8	110
Prime Ewe Rolls	AvZn, AuSe, AvMn,	12mm	12.3	18	25	8.8	110
All Seasons Nuts		6mm	11.8	16	26	7.6	75
All Seasons Rolls		12mm	11.8	16	26	7.6	75

CALF & BEEF FEED

CALF/HEIFER/REARING	ADDITIVES	SIZE	ME	PROTEIN	STARCH & SUGARS	FIBRE	GFLI
Progressive Calf Nuts	NS SAF S	6mm	13.2	18	35	7	526
iSart 17 Calf Pellets	NS SAF noS	3mm	12.6	17	32	8	545
Progressive Heifer Nuts	AC noS	6mm	13	19	30	8	568
Progressive Heifer Straw Nuts	AC U noS	6mm	13	26	26	8	687
Alka Rearer	Lamb noS	6mm	12.9	17	40	6	562
iGrow 20	U noS	6mm	12.6	20	29	8	609
iGrow 18	noS	6mm	12.6	18	29	8	591
iGrow 16	noS	6mm	12.8	16	32	8	574

THE FORGOTTEN BARLEY DISEASES

Why do we use seed treatments?



LOOSE SMUT
Higher risk from growing repeatedly farm saved, untreated seed



LEAF STRIPE
Can build up rapidly in repeatedly home-saved seed



ERGOT
Risk to health and grain rejections



MICRODOCHMIUM NIVALE
Causes significant reduction in crop establishment



COVERED SMUT
Higher risk from growing repeatedly farm saved, untreated seed

THE FORGOTTEN WHEAT DISEASES

Why do we use seed treatments?



BUNT
Higher risk in farm saved seed repeatedly sown without a SPD



LOOSE SMUT
Higher risk sowing untreated seed



SEPTORIA SEEDLING BLIGHT
Reduces plant establishment



MICRODOCHMIUM NIVALE
Causes significant reduction in crop establishment



ERGOT
Risk to health and grain rejections

OUR TOP TIPS FOR WINTER BARLEY VARIETY SELECTION THIS AUTUMN...

TOP YIELDERS

LG Caravelle
KWS Tardis

CONSISTENT PERFORMERS...

KWS Tardis
LG Caravelle

NEW VARIETIES FOR MALTING BARLEY GROWERS!

Buccaneer
A craft replacement for the brewing sector with an improved yield and agronomics.

NEW VARIETY TO TRY THIS YEAR

KWS Valencis
Kitty

THE FARMERS FRIEND'S OF THE WINTER BARLEY VARIETIES...

Kitty
Bold grain
Good straw quality.

MARKET LEADERS FROM AUTUMN 2024

KWS Tardis
SY Kingsbarn

OUR PICK OF THE HYBRIDS FOR AUTUMN 2025

SY Canyon
KWS Inys



WINTER BARLEY

AHDB RECOMMENDED LISTS

Winter barley 2025/26



	Buccaneer	Electrum	Craft	KWS Valencis	LG Caravelle	LG Capitot	Russo	NOS Olena	KWS Heracles	Kitty
End-use group	Two-row malting			Two-row feed						
Fungicide-treated grain yield (% treated control)										
United Kingdom (9.6 t/ha)	99	96	93	106	106	106	106	106	104	104
East region (9.4 t/ha)	100	96	93	107	107	107	108	106	105	104
Untreated grain yield (% treated control)										
United Kingdom (9.6 t/ha)	89	80	81	91	91	90	90	87	91	81
Disease resistance										
Mildew (1-9)	6	6	6	6	7	6	5	6	6	6
Brown rust (1-9)	8	7	7	7	7	7	6	6	7	5
Rhynchosporium (1-9)	6	5	6	6	6	6	5	6	5	7
Net blotch (1-9)	6	6	5	6	6	5	6	6	5	6
BaYMV2	-	-	-	-	-	-	-	-	-	R
BYDV	-	-	-	-	-	-	-	-	-	-
WDV	-	-	-	-	-	-	-	-	-	-
Agronomic features										
Resistance to lodging without PGR (1-9)	7	7	8	[6]	7	7	[7]	[6]	[7]	[8]
Resistance to lodging with PGR (1-9)	7	6	8	8	8	7	7	8	8	8
Lodging without PGR (%)	7	5	2	[11]	4	4	[9]	[12]	[5]	[2]
Lodging with PGR (%)	4	4	1	1	2	3	3	1	1	1
Straw length without PGR (cm)	96	99	96	93	91	88	92	92	89	94
Straw length with PGR (cm)	91	91	90	88	85	84	88	86	85	86
Brackling (%)	5	12	13	8	11	12	17	6	4	3
Ripening (days +/- KWS Orwell)	1	-1	0	0	0	0	0	0	0	2
Main market options										
MBC malting approval for brewing use	F	F	F	-	-	-	-	-	-	-
Grain quality										
Specific weight (kg/hl)	69.5	69.8	69.7	69.8	71.4	69.9	69.9	69.6	69.4	72.7
Screenings (% through 2.25 mm)	2.3	2.5	2.4	2.1	1.8	2.0	1.9	2.1	2.3	1.7
Screenings (% through 2.5 mm)	6.6	7.1	7.2	6.1	5.1	5.9	5.5	6.1	6.7	4.4
Nitrogen content (%)	1.68	1.71	1.68	-	-	-	-	-	-	-
Soil type (about 50% of trials are medium soils)										
Light soils (9.8 t/ha)	98	95	94	[108]	104	105	[104]	[109]	[105]	[106]
Heavy soils (9.0 t/ha)	100	97	94	[107]	106	[110]	[105]	[106]	[106]	[104]
Breeder/UK contact										
Breeder	Sej	SyP	SyP	KWS	LimEur	Lim	NS	NS	KWS	Bre
UK contact	SU	Syn	Syn	KWS	Lim	Lim	Agr	Sen	KWS	Sen
Status in RL system										
Year first listed	23	18	16	25	23	24	25	25	25	25

Rosemary	SU Arlon	KWS Tardis	Organa	LG Carpenter	Inys#	SY Quantock#	SY Kingsbarn#	SY Canyon#	Average LSD (5%)
					Six-row feed				
104	104	103	102	102	109	109	107	106	2.8
106	107	104	105	104	109	106	106	105	3.3
					90	93	82	91	4.3
5	8	5	6	6	7	7	7	7	1.2
7	6	6	7	7	6	6	5	6	0.9
6	6	6	7	7	6	7	7	7	1.1
6	7	6	5	7	5	6	5	5	0.9
-	-	-	-	-	-	-	-	-	
-	-	-	To	To	-	-	-	-	
-	-	-	-	-	-	-	-	-	
[5]	[7]	8	[6]	[5]	[8]	[7]	6	6	1.7
7	6	8	7	6	8	7	6	6	1.2
[30]	[8]	[12]	[19]	[30]	[1]	[4]	18	11	-
2	4	1	3	6	1	2	6	6	-
98	92	93	106	97	114	112	113	116	3.8
88	89	85	99	93	106	106	105	108	2.2
9	27	7	20	17	7	13	20	15	-
1	0	0	0	0	-1	-1	-1	-1	0.7
					-	-	-	-	
69.1	68.8	70.1	69.6	70.3	69.3	70.4	70.2	71.1	0.8
2.6	1.5	1.9	2.2	1.9	1.7	2.8	1.5	1.9	0.6
8.5	4.1	5.5	5.9	5.7	5.9	9.5	5.4	6.1	1.7
-	-	-	-	-	-	-	-	-	0.09
[106]	[107]	103	[97]	[98]	[107]	[109]	106	106	4.5
[105]	[105]	106	[103]	[105]	[108]	[108]	103	101	5.7
Ack	Nord	KWS	NS	LimEur	SCP	SCP	SyP	SyP	
ElsAck	SU	KWS	Sen	Lim	KWS	Syn	Syn	Syn	
25	25	21	25	25	25	25	19	22	

BARLEY

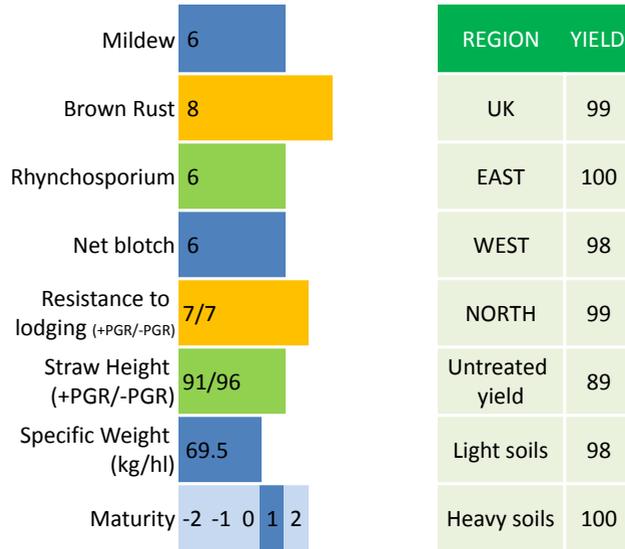
WINTER BARLEY – MALTING

BUCCANEER (ZOPHIA X SJ128225)

Buccaneer joined the AHDB Recommended List in 2023 and we are seeing a shift in demand from the maltsters from Craft to Buccaneer for Harvest 2026 intake.

It offers a significant yield advantage over Craft as well as a stronger disease package.

If you are a regular winter malting barley grower, please give us a ring to discuss the best variety choice for you for Harvest 2026.



Pour yourself more profit.

Buccaneer is the highest yielding winter malting barley on the market.

AHDB trials show it out-yielded its nearest competitor in all regions of the UK, delivering an increase equivalent to almost 690kg/ha*. When grown on contract, that could equate to over £160/ha!

With MBC approval, an outstanding disease profile and excellent grain quality, it's set to be the growers' choice this season.

Sought after by brewers with contracts available, it's time to get your orders in!

Speak to your seed merchant today about availability.



Elsoms
The Seed Specialists
elsoms.com

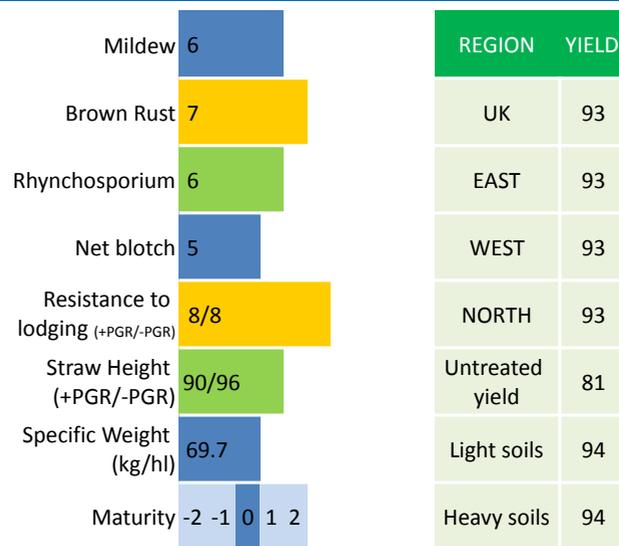
WINTER BARLEY – MALTING

CRAFT (SY 208-56 X SY VENTURE)

Craft came to the market in 2016 and has been the most popular winter malting barley in the brewing market for many years - its market share in harvest 2024 was 8%.

Many growers achieve very good yields with Craft despite its official yield figures reading lower than many other 2-row varieties.

We are expecting Craft demand from the maltsters to slowly move in favour of Buccaneer over the next 2-3 years.

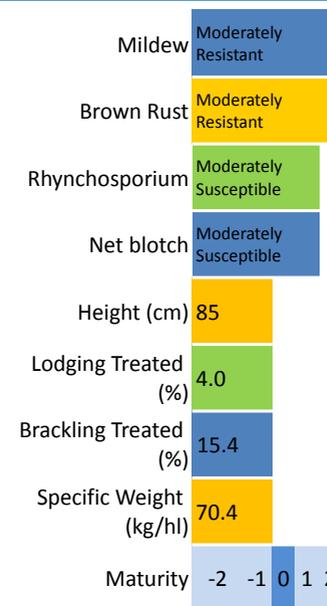


SY VESSEL (OVERTURE X SY VENTURE)

SY Vessel is a specialist winter malting barley which has seen a surge in demand from maltsters over the last few seasons due to its ability to both brew and distill with many end users now buying SY Vessel malt.

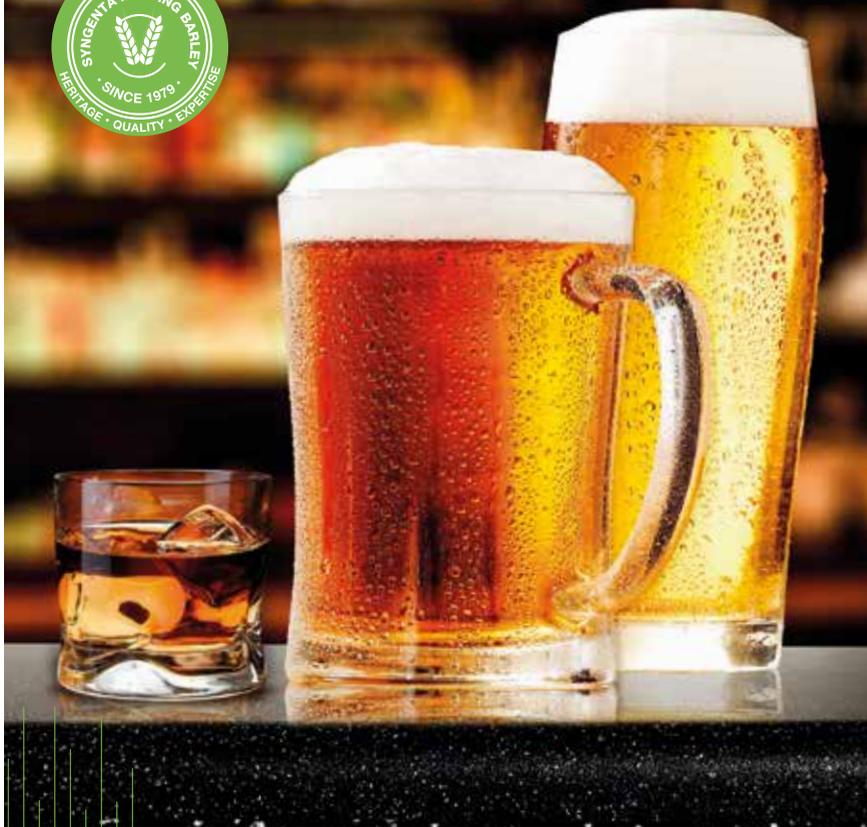
SY Vessel attracts a larger premium than Craft - many regular winter malting barley growers supplying local maltsters are now growing SY Vessel.

Comparable disease package to Craft - needs watching for Rhynchosporium and Ramularia later in the season.



SY VESSEL

The flexible winter malt variety with multiple end-use options



 **SY Vessel**
Winter barley

 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: producttechnical_enquiries@syngenta.com Website: www.syngenta.co.uk



BARLEY

WINTER BARLEY FEED – 2 ROW CONVENTIONAL

KWS VALENCIS (KWS TARDIS x KWS CARIBOU)

New to the market this autumn, KWS Valencis is the joint highest yielding feed barley on the market with particularly good performance in the East.

Excellent yield consistency across all soil types, light land or heavy land.

Very good all round disease resistance profile

For those growing KWS Tardis, it might worth trying some KWS Valencis alongside it on farm this autumn.

		REGION	YIELD
Mildew	6	UK	106
Brown Rust	7	EAST	107
Rhynchosporium	6	WEST	104
Net blotch	6	NORTH	106
Resistance to lodging (+PGR/-PGR)	8/6	Untreated yield	91
Straw Height (+PGR/-PGR)	88/93	Light soils	[108]
Specific Weight (kg/hl)	69.8	Heavy soils	[107]
Maturity	-2 -1 0 1 2		

THE WINTER WARRIOR

BARLEY



KWS VALENCIS

2 Row Winter Barley - Feed

- Early maturing with big bold grain
- Very stiff strawed with good resistance to lodging and brackling
- Excellent and consistent yield potential across two contrasting seasons



www.kws-uk.com

SEEDING
THE FUTURE
SINCE 1856



WINTER BARLEY FEED – 2 ROW CONVENTIONAL

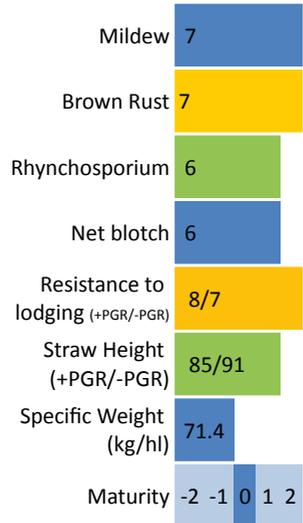
LG CARAVELLE (LGBU11-5493-B x KWS MOSELLE)

LG Caravelle remains the joint highest yielding feed barley on the market with particularly good performance in the East.

Excellent grain quality and disease package.

LG Caravelle is a great barn filler, offering growers a low risk, high yielding feed barley.

It has performed exceptionally well for the past 2 years on farm and it is a firm favourite with farmers.

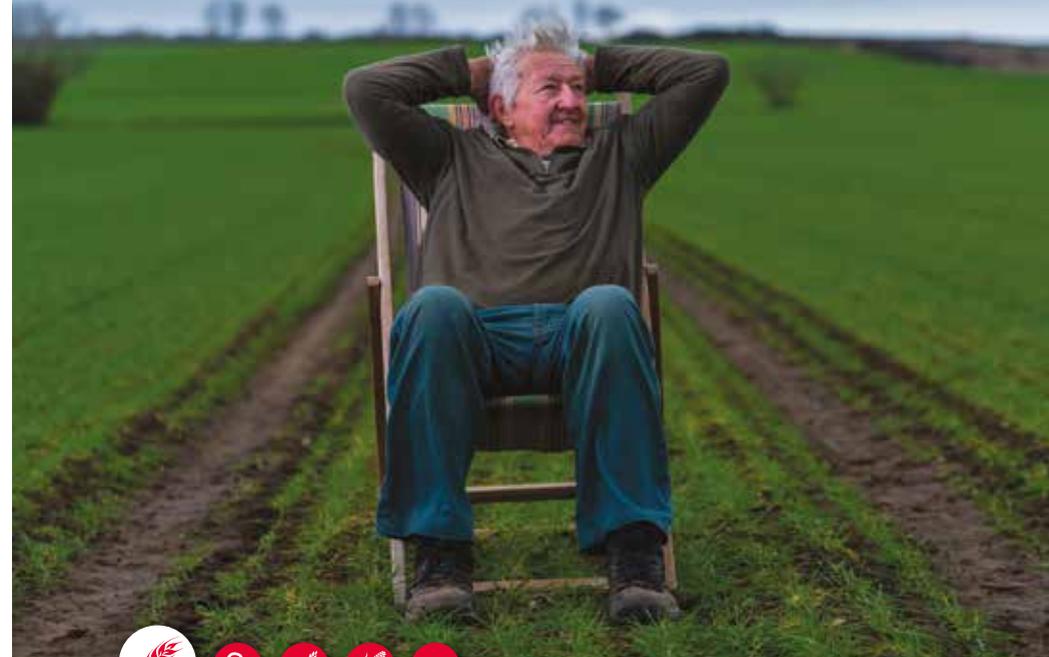


REGION	YIELD
UK	106
EAST	107
WEST	105
NORTH	104
Untreated yield	91
Light soils	104
Heavy soils	106

AHDB
RECOMMENDED



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



WINTER BARLEY FEED – 2 ROW CONVENTIONAL

KITTY (VALERIE x LMGN3601)

New to the market this autumn, Kitty benefits from high yields and an exceptional specific weight and improved BaYMV resistance with resistance to both strain 1 and strain 2 BaYMV.

For those growing KWS Cassia or Valerie, it might worth trying some Kitty on farm this autumn.

		REGION	YIELD
Mildew	6	UK	104
Brown Rust	5	EAST	104
Rhynchosporium	7	WEST	102
Net blotch	6	NORTH	108
Resistance to lodging (+PGR/-PGR)	8/8	Untreated yield	81
Straw Height (+PGR/-PGR)	86/94	Light soils	[106]
Specific Weight (kg/hl)	72.7	Heavy soils	[104]
Maturity	-2 -1 0 1 2		



BARLEY

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.

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

WINTER BARLEY FEED – 2 ROW CONVENTIONAL

KWS TARDIS - (11-12 X KWS ORWELL)

Since entering the market in 2021, KWS Tardis has proven itself as reliable high yielding feed variety, performing very well on farm across the board.

Excellent grain quality, stiff strawed and good agronomics - KWS Tardis is a step on for the traditional KWS Cassia and KWS Orwell growers.

		REGION	YIELD
Mildew	5	UK	103
Brown Rust	6	EAST	104
Rhynchosporium	6	WEST	101
Net blotch	6	NORTH	104
Resistance to lodging (+PGR/-PGR)	8/8	Untreated yield	85
Straw Height (+PGR/-PGR)	85/93	Light soils	103
Specific Weight (kg/hl)	70.1	Heavy soils	106
Maturity	-2 -1 0 1 2		

KWS CASSIA (EDEN X CARAT) X SAFFRON)

Despite being on the market since 2010, KWS Cassia continues to have a very loyal following on farm due to its consistent yields, bold grain and low screenings.

Very popular variety for those milling on farm.

Good quality straw and solid disease package.

KWS Cassia seed supply is limited - please let us know if you would like some this autumn.

		REGION	YIELD
Mildew	5	UK	97
Brown Rust	7	EAST	97
Rhynchosporium	5	WEST	97
Net blotch	5	NORTH	95
Resistance to lodging (+PGR)	7	Untreated yield	82
Straw Height (+PGR)	90.0	Light soils	95
Specific Weight (kg/hl)	72.4	Heavy soils	99
Maturity	-2 -1 0 1 2		

INYS - HYBRID

Inys was the first hybrid barley from KWS to the market in autumn 2024.

It offers a step up in yield from other hybrid varieties on the market as well as a better untreated yield of 90% with a good disease package.

The competitive growth habit of the hybrid barleys, particularly in the spring, helps to smother blackgrass plants to reduce seeds heads and therefore a lower seed return.

Very stiff strawed with only 1% lodging with and without PGR.

		REGION	YIELD
Mildew	7	UK	109
Brown Rust	6	EAST	109
Rhynchosporium	6	WEST	112
Net blotch	6	NORTH	106
Resistance to lodging (+PGR/-PGR)	8/8	Untreated yield	90
Straw Height (+PGR/-PGR)	106/114	Light soils	[107]
Specific Weight (kg/hl)	69.3	Heavy soils	[108]
Maturity	-2 -1 0 1 2		

Introducing our first hybrid barley

INYS

INYS

Hybrid 6 Row Winter Barley - Feed

- Highest yielding winter barley on the 2025/26 Recommended List
- High stable yields across a number of seasons
- Very low brackling and lodging



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SEEDING
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SINCE 1856

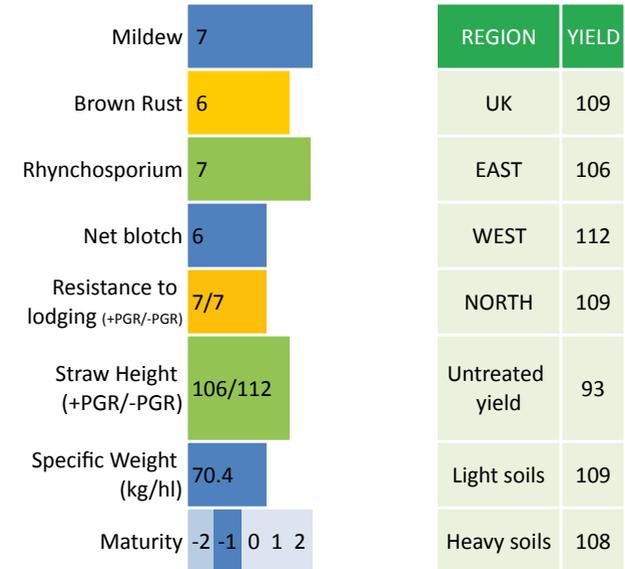


WINTER BARLEY – HYBRID

SY QUANTOCK - HYBRID

SY Quantock is a new hybrid to the market for 2025.

It is joint high yielding feed barley on the recommended list at 109 for the UK, but does not perform quite as well as this in the east, yielding 106. It performs very well on light soils.



New Hybrid Barley

SY Quantock, your next Gen Hyvido

SY Quantock
Easy to grow, robust,
resilient and reliable.

SY Quantock
Hyvido®

syngenta®

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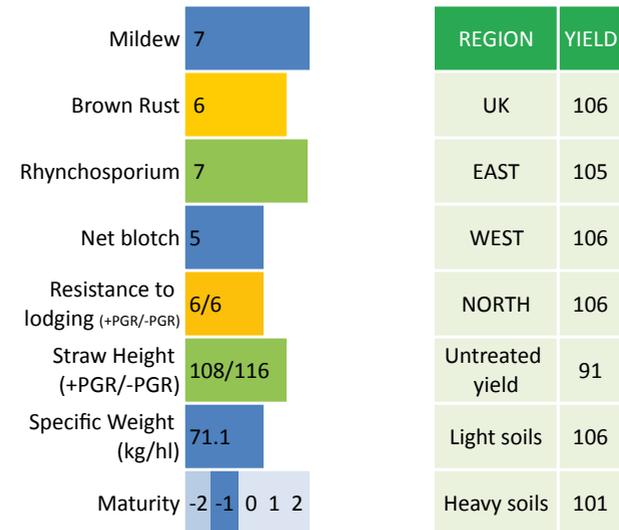
WINTER BARLEY – HYBRID

SY CANYON - HYBRID

SY Canyon has been on the market since 2023 and is very consistent across soil types and seasons. Mortimers have exclusive access to this variety.

It is high yielding with the best grain quality of all the hybrid varieties with a specific weight of 71.1 kg/hl.

SY Canyon performs particularly well on lighter soils.



OUR TOP TIPS FOR WINTER WHEAT VARIETY SELECTION THIS AUTUMN....

CHOOSING VARIETIES TO SPREAD HARVEST WORKLOAD

Early to harvest:

KWS Extase
KWS Palladium
Graham
Mayflower

Later to harvest:

KWS Zealum
LG Beowulf
LG Typhoon
RGT Hexton

WHICH VARIETIES CAN I DRILL FROM EARLY SEPTEMBER?

RGT Hexton
Graham
KWS Dawsum
KWS Palladium
KWS Scope
KWS Solitaire

GOOD 2ND WHEAT OPTIONS:

LG Beowulf
KWS Palladium
LG Typhoon
Champion
KWS Zealum
RGT Hexton
KWS Arnie

WHICH VARIETIES GIVE ME THE MOST FLEXIBILITY FOR LATE DRILLING?

Skyfall
Champion
Nissaba
LG Beowulf

TOP PICKS FOR FEED VARIETIES WITH EXCELLENT GRAIN QUALITY

KWS Dawsum
LG Beowulf

WHICH NEW VARIETIES SHOULD I TRY THIS AUTUMN?

KWS Scope

A NEW high yielding Group 4 Hard with a very high untreated yield with OWBM resistance and a good spec weight.

RGT Hexton

A NEW high yielding Group 4 Soft. It has OWBM resistance, can be drilled early and it is an excellent second wheat.

WHICH VARIETIES OFFER ME THE BEST GENETIC DISEASE RESISTANCE?

KWS Equipe
KWS Extase
KWS Palladium
Champion
Graham
Mayflower
Bamford
LG Beowulf

TOP YIELDERS:

KWS Scope
KWS Solitaire
Bamford
Champion
LG Beowulf

WINTER WHEAT



Winter wheat 2025/26



	KWS Zett	KWS Vibe	Skyfall	SY Cheer	Crusoe	KWS Amie	KWS Equipé
End-use group	UKFM Group 1						
Fungicide-treated grain yield (% treated control)							
United Kingdom (10.8 t/ha)	100	98	97	96	95	106	103
East region (10.7 t/ha)	100	97	97	96	94	106	102
Untreated grain yield (% treated control)							
United Kingdom (10.8 t/ha)	70	89	64	82	72	87	92
Disease resistance							
Mildew (1-9)	7	[7]	6	7	6	[5]	[7]
Yellow rust (1-9)	3	8	3	8	8	7	7
Yellow rust (young plant)	s	s	s	r	s	s	s
Brown rust (1-9)	7	6	8	6	3	6	7
Septoria tritici (1-9)	6.3	6.6	5.9	6.0	6.5	7.0	7.0
Eyespot (1-9)	7@	7@	6@	4	6	5	4
Fusarium ear blight (1-9)	6	6	7	7	7	6	6
Orange wheat blossom midge	-	-	R	-	-	-	-
Agronomic features							
Resistance to lodging without PGR (1-9)	8	8	9	8	8	8	7
Resistance to lodging with PGR (1-9)	8	8	8	7	8	7	7
Lodging without PGR (%)	1	1	0	1	1	2	3
Lodging with PGR (%)	1	1	2	2	2	2	5
Straw length without PGR (cm)	85	88	84	90	83	87	94
Straw length with PGR (cm)	76	79	78	83	77	81	87
Ripening (days +/- Skyfall)	0	+1	+0	+1	+1	-0	-1
Resistance to sprouting (1-9)	6	-	5	[6]	6	-	-
Grain quality							
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard
Protein content (%)	11.4	11.6	11.5	11.5	12.0	10.9	11.3
Protein content (%) – milling spec	12.3	[13.2]	12.8	12.8	13.1	[12.1]	[12.2]
Hagberg Falling Number	259	283	280	299	272	287	305
Specific weight (kg/hl)	78.7	79.1	79.4	79.8	78.5	79.1	79.5
Chopin Alveograph W	-	[312]	267	[281]	250	[233]	[219]
Chopin Alveograph P/L	-	[1.0]	1.0	[1.6]	0.5	[1.2]	[0.7]
Annual treated yield (% control)							
2020 (10.3 t/ha)	98	-	96	-	94	-	-
2021 (11.0 t/ha)	100	-	97	97	95	-	-
2022 (11.6 t/ha)	101	98	96	98	93	105	102
2023 (11.1 t/ha)	100	97	98	96	96	105	102
2024 (10.3 t/ha)	104	102	98	96	95	108	104
Rotational position							
First cereal (11.1 t/ha)	100	98	97	97	95	106	103
Second and more (9.9 t/ha)	100	97	98	95	94	105	101
Sowing date (most trials were sown in October)							
Early sown (before 25 Sept) (11.3 t/ha)	[100]	[98]	95	[97]	[98]	-	-
Late sown (after 1 Nov) (9.5 t/ha)	97	[99]	97	[96]	94	[101]	[102]
Latest safe-sowing date	End Jan	[End Jan]	End Feb	[End Jan]	End Jan	[End Jan]	[End Jan]
Soil type (about 50% of trials are on medium soils)							
Light soils (10.3 t/ha)	98	[98]	96	96	94	[103]	[101]
Heavy soils (11.3 t/ha)	100	98	97	96	94	107	104
Breeder/UK contact							
Breeder	KWS	KWS	RAGT	SCP	Lim	KWS	KWSMR
UK contact	KWS	KWS	RAGT	Syn	Lim	KWS	KWS
Status in RL system							
Year first listed	17	25	14	24	12	25	25

	KWS Newbie	LG Shergar	KWS Extase	KWS Palladium	Mayflower	RGT Goldfrch	KWS Soitaire	Barnford	KWS Flute
	UKFM Group 2						UKFM Group 3		
	103	102	102	101	98	89	107	106	106
	103	102	102	100	97	87	106	106	106
	85	87	91	89	91	84	88	90	80
	[5]	[7]	6	7	7	[7]	[6]	6	[6]
	9	7	7	9	9	9	8	7	6
	r	s	s	r	r	s	s	s	s
	6	6	7	6	6	9	5	6	5
	6.2	6.7	7.0	7.2	8.9	6.9	6.7	6.6	6.2
	5	5	3	6	5@	5	4	6@	5
	6	6	6	6	6	6	6	5	6
	-	-	-	-	-	R	R	-	R
	7	8	7	8	6	3	5	7	6
	7	8	7	8	7	7	6	7	7
	4	1	2	1	4	68	15	2	8
	5	1	3	2	3	3	9	3	4
	85	81	91	84	88	88	90	89	83
	77	76	86	79	82	80	83	83	77
	-0	+1	-1	-1	+0	+3	+1	+1	+1
	-	-	6	[6]	[7]	-	-	[5]	-
	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft
	11.0	10.9	11.2	11.1	11.4	11.5	10.6	10.7	10.7
	[12.5]	[11.9]	12.3	12.2	12.6	[13.1]	[11.8]	11.6	[11.9]
	305	289	287	309	299	279	179	247	198
	78.4	80.4	79.2	77.7	79.2	78.2	77.1	78.7	78.4
	[244]	[299]	208	[186]	213	[311]	[101]	108	[102]
	[0.6]	[0.9]	0.7	[0.7]	0.8	[1.6]	[0.4]	0.5	[0.4]
	-	-	100	[101]	[97]	-	-	-	-
	-	-	102	98	95	-	-	104	-
	105	102	102	101	97	90	107	106	106
	102	103	101	101	98	88	106	106	105
	104	104	104	107	105	91	110	109	109
	103	103	102	101	98	89	107	106	106
	103	100	102	100	98	87	105	106	107
	-	[101]	102	[99]	102	-	[111]	107	[111]
	[103]	[104]	101	100	94	[87]	[104]	[104]	[104]
	[End Jan]	[Mid Feb]	End Jan	End Jan	Mid Feb	[End Jan]	[End Jan]	[Mid Feb]	[End Jan]
	[104]	[103]	102	100	98	[92]	[105]	106	[107]
	103	103	103	101	97	88	106	106	106
	KWS	-	Mom	KWS	ElsW	RAGT	KWS	ElsW	KWS
	KWS	Lim	KWS	KWS	Els	RAGT	KWS	Els	KWS
	25	25	19	22	22	25	25	24	25

WINTER WHEAT



Winter wheat 2025/26



	LG Redwaid	RGT Hexton	KWS Zealium	Blackstone	KWS Scope	Champion	LG Beowulf
End-use group	Soft Group 4						
Fungicide-treated grain yield (% treated control)							
United Kingdom (10.8 t/ha)	106	105	102	102	108	107	105
East region (10.7 t/ha)	106	105	102	102	106	106	106
Untreated grain yield (% treated control)							
United Kingdom (10.8 t/ha)	87	80	81	83	85	86	85
Disease resistance							
Mildew (1-9)	5	[6]	6	6	[6]	5	6
Yellow rust (1-9)	7	7	9	9	7	8	9
Yellow rust (young plant)	s	s	s	r	s	r	r
Brown rust (1-9)	7	5	5	6	6	5	4
Septoria tritici (1-9)	6.3	6.7	6.2	5.9	6.5	7.6	6.6
Eyespot (1-9)	4	4	5	5	4	4	6
Fusarium ear blight (1-9)	6	6	7	8	6	6	6
Orange wheat blossom midge	R	R	R	R	R	R	R
Agronomic features							
Resistance to lodging without PGR (1-9)	4	7	6	8	8	7	8
Resistance to lodging with PGR (1-9)	5	7	8	7	8	7	8
Lodging without PGR (%)	20	2	5	1	2	3	1
Lodging with PGR (%)	17	3	2	2	2	5	2
Straw length without PGR (cm)	93	88	89	91	89	88	88
Straw length with PGR (cm)	88	81	82	83	80	81	80
Ripening (days +/- Skyfall)	+2	+2	+2	+2	+1	+0	+2
Resistance to sprouting (1-9)	[5]	-	[6]	[7]	-	[6]	[6]
Grain quality							
Endosperm texture	Soft	Soft	Soft	Soft	Hard	Hard	Hard
Protein content (%)	10.5	10.4	10.4	10.7	10.4	10.7	10.9
Protein content (%) – milling spec	11.6	[11.3]	11.6	11.7	[11.3]	11.9	12.2
Hagberg Falling Number	154	236	206	295	247	246	253
Specific weight (kg/hl)	75.7	77.0	76.8	78.6	78.9	75.6	78.5
Chopin Alveograph W	-	[98]	[68]	128	-	-	-
Chopin Alveograph P/L	-	[0.5]	[0.3]	0.5	-	-	-
Annual treated yield (% control)							
2020 (10.3 t/ha)	[106]	-	[103]	-	-	[105]	-
2021 (11.0 t/ha)	106	-	101	102	-	106	106
2022 (11.6 t/ha)	107	105	103	103	106	106	105
2023 (11.1 t/ha)	105	106	102	102	107	106	106
2024 (10.3 t/ha)	110	109	103	101	111	111	105
Rotational position							
First cereal (11.1 t/ha)	106	105	102	102	108	107	106
Second and more (9.9 t/ha)	107	108	104	101	106	107	105
Sowing date (most trials were sown in October)							
Early sown (before 25 Sept) (11.3 t/ha)	[104]	[[111]]	105	101	[[110]]	108	105
Late sown (after 1 Nov) (9.5 t/ha)	104	[[103]]	[[103]]	[104]	[[104]]	106	[106]
Latest safe-sowing date	Mid Feb	[[End Jan]]	End Jan	[End Feb]	[[End Jan]]	Mid Feb	[Mid Feb]
Soil type (about 50% of trials are on medium soils)							
Light soils (10.3 t/ha)	106	[107]	102	103	[105]	106	103
Heavy soils (11.3 t/ha)	106	105	102	101	107	108	106
Breeder/UK contact							
Breeder	LimEur	RAGT	KWS	ElsW	KWS	DSV	LimEur
UK contact	Lim	RAGT	KWS	Els	KWS	DSV	Lim
Status in RL system							
Year first listed	23	25	23	24	25	22	24

	Sy Inlaur	Oxford	Gleam	KWS Dawson	Graham	LG Typhoon
End-use group	Hard Group 4					
Fungicide-treated grain yield (% treated control)						
United Kingdom (10.8 t/ha)	105	104	103	103	103	101
East region (10.7 t/ha)	105	104	103	103	102	101
Untreated grain yield (% treated control)						
United Kingdom (10.8 t/ha)	75	86	78	89	86	87
Disease resistance						
Mildew (1-9)	7	5	6	8	6	6
Yellow rust (1-9)	3	9	5	9	7	9
Yellow rust (young plant)	s	r	s	r	s	r
Brown rust (1-9)	5	6	6	7	5	6
Septoria tritici (1-9)	6.5	6.5	5.7	6.3	6.5	7.2
Eyespot (1-9)	5	5	5	5	4	5
Fusarium ear blight (1-9)	7	6	6	7	6	6
Orange wheat blossom midge	R	R	R	-	-	R
Agronomic features						
Resistance to lodging without PGR (1-9)	6	8	7	8	7	7
Resistance to lodging with PGR (1-9)	7	7	7	7	8	7
Lodging without PGR (%)	5	2	2	2	3	2
Lodging with PGR (%)	3	2	3	2	2	2
Straw length without PGR (cm)	94	85	87	84	89	86
Straw length with PGR (cm)	83	79	78	77	81	79
Ripening (days +/- Skyfall)	+1	+2	-0	+1	-1	+2
Resistance to sprouting (1-9)	5	[6]	6	[6]	7	[5]
Grain quality						
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard
Protein content (%)	10.3	10.9	10.6	10.7	10.8	10.6
Protein content (%) – milling spec	11.2	12.2	11.5	11.7	11.8	11.8
Hagberg Falling Number	272	211	221	310	278	165
Specific weight (kg/hl)	78.8	76.2	77.1	79.9	77.8	77.4
Chopin Alveograph W	-	-	-	-	-	-
Chopin Alveograph P/L	-	-	-	-	-	-
Annual treated yield (% control)						
2020 (10.3 t/ha)	103	[105]	103	[105]	102	[102]
2021 (11.0 t/ha)	105	102	104	103	103	100
2022 (11.6 t/ha)	105	102	103	103	103	98
2023 (11.1 t/ha)	106	105	104	104	102	101
2024 (10.3 t/ha)	107	105	103	103	107	107
Rotational position						
First cereal (11.1 t/ha)	105	104	103	103	103	101
Second and more (9.9 t/ha)	107	105	103	103	101	102
Sowing date (most trials were sown in October)						
Early sown (before 25 Sept) (11.3 t/ha)	[107]	105	103	105	103	103
Late sown (after 1 Nov) (9.5 t/ha)	102	104	103	103	100	102
Latest safe-sowing date	End Jan	Mid Feb	Mid Feb	End Jan	End Jan	End Jan
Soil type (about 50% of trials are on medium soils)						
Light soils (10.3 t/ha)	107	103	103	105	103	101
Heavy soils (11.3 t/ha)	104	105	103	103	103	101
Breeder/UK contact						
Breeder	SyP	DSV	SyP	KWS	SyP	LimEur
UK contact	Syn	DSV	Syn	KWS	Syn	Lim
Status in RL system						
Year first listed	20	23	18	22	16	22

WHEAT

WINTER WHEAT GROUP 1

SKYFALL (C4148 X HURRICANE)

Despite its age, Skyfall remains the most popular Group 1 milling wheat due to its consistent performance on farm and in the mill.

Very wide drilling window as it can be drilled from end September through to the 7th of March.

Reasonable 2nd wheat performance.

Needs watching for yellow rust and can be susceptible to sprouting so should be given priority at harvest.

		REGION	YIELD
Mildew	6	UK	97
Yellow Rust	3	EAST	97
Brown Rust	8	WEST	97
Eyespot	6@	NORTH	96
Septoria Tritici	5.9	Untreated yield	64
Resistance to lodging (+PGR)	8	Light soils	96
Resistance to lodging (- PGR)	9	Heavy soils	97
OWBM	Yes	First Cereal	97
Specific Weight	79.4	Second Cereal	98
Maturity	-2 -1 0 1 2 3		
Seedling Yellow Rust Resistance	No		

KWS VIBE (BERNSTEIN X KWS ZYATT)

NEW to the market, KWS Vibe offers milling wheat growers an opportunity to try an new variety for this autumn.

KWS Vibe has stiff straw and a high untreated yield of 89%.

There has been good feedback from the millers so far, and KWS have seen Vibe achieve higher grain protein levels than KWS Zyatt when the same amount of nitrogen is applied.

With a good all round disease package and grain quality, KWS Vibe is worth a try this autumn for milling wheat growers.

		REGION	YIELD
Mildew	7	UK	98
Yellow Rust	8	EAST	97
Brown Rust	6	WEST	100
Eyespot	7@	NORTH	99
Septoria Tritici	6.6	Untreated yield	89
Resistance to lodging (+PGR)	8	Light soils	98
Resistance to lodging (- PGR)	8	Heavy soils	98
OWBM	No	First Cereal	98
Specific Weight	79.1	Second Cereal	97
Maturity	-2 -1 0 1 2 3		
Seedling Yellow Rust Resistance	No		

The **field good** wheat!



KWS VIBE

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



www.kws-uk.com

SEEDING
THE FUTURE
SINCE 1856



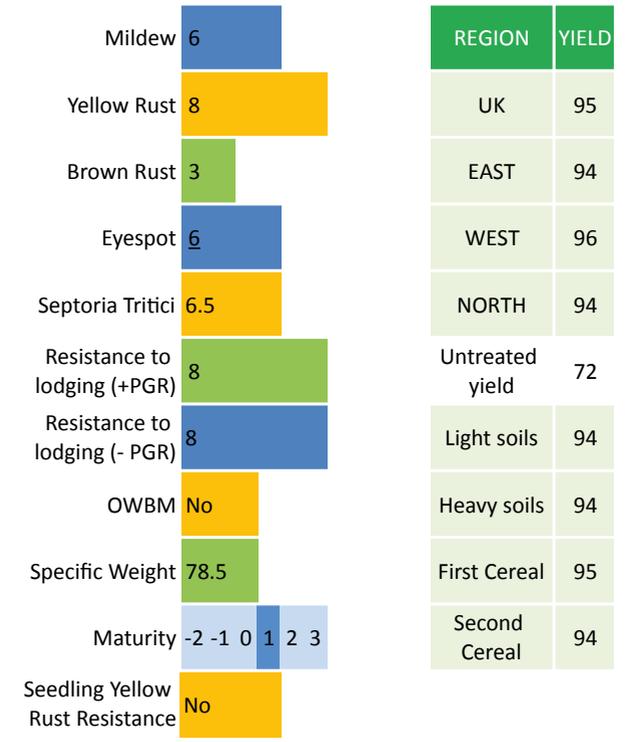
WINTER WHEAT GROUP 1

CRUSOE (CORDIALE X GULLIVER)

Crusoe was first introduced in 2012, and is still very popular with milling wheat growers due its consistent grain quality and ability to meet milling specifications.

Suits the main drilling window of mid september onwards through to the end of January.

A solid disease package except for its weakness to Brown Rust which needs watching.



WINTER WHEAT GROUP 1

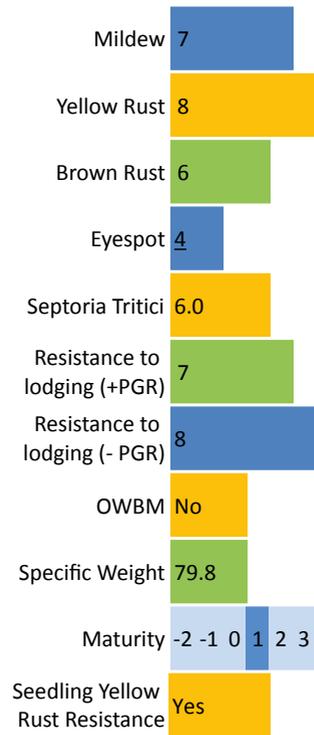
SY CHEER (KWS TRINITY X EXPERT)

SY Cheer was the first new milling wheat to the market for several years last autumn - many milling wheat growers have got some in the ground for Harvest 2025.

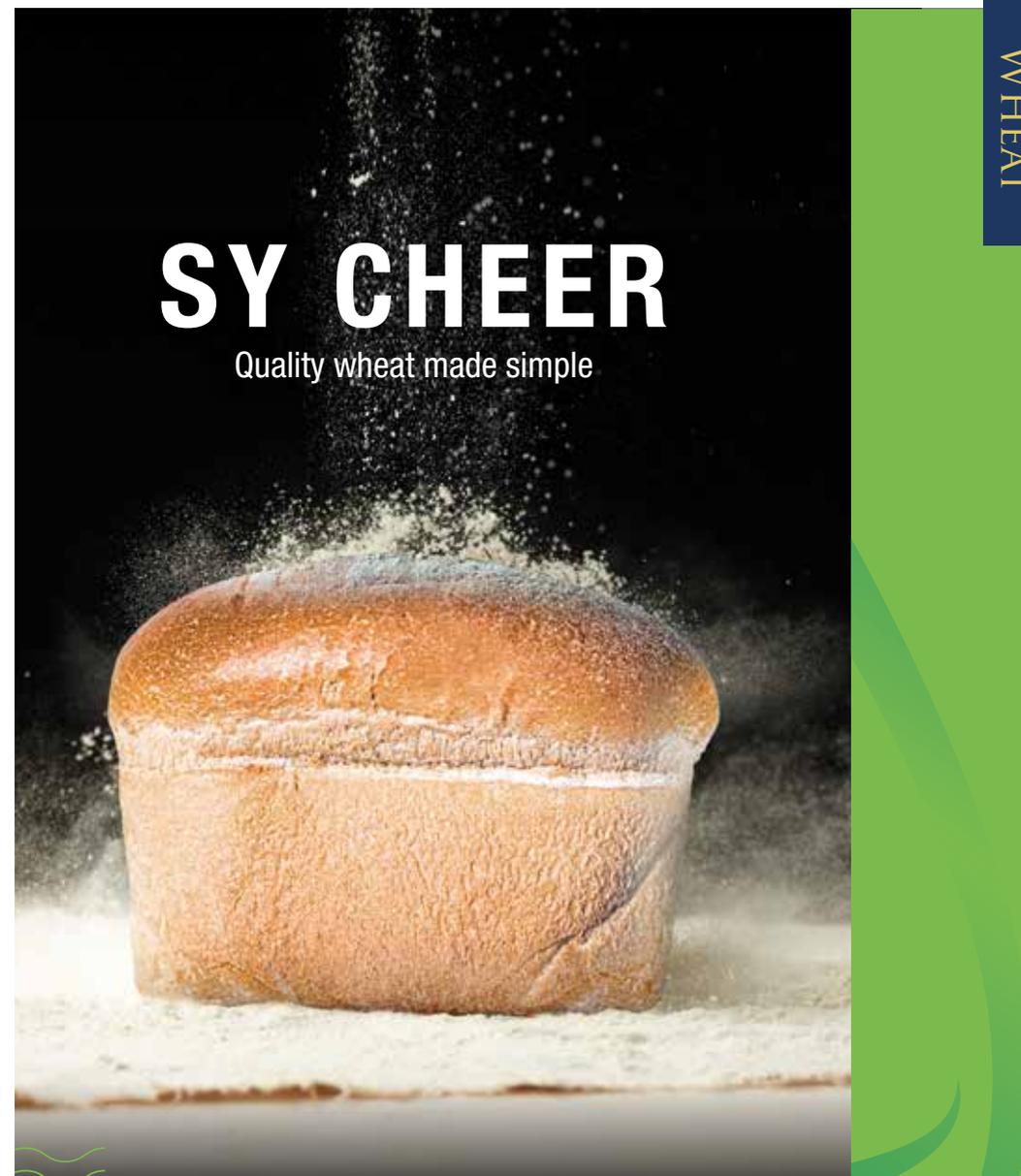
SY Cheer has a good specific weight, HFN and grain protein levels and has shown good milling and baking performance with strong gluten quality.

It is refreshing to see 2 new Group 1 varieties added to this sector after many years of the same varieties, which have now got disease issues and need careful management.

Good 2nd wheat performance from data so far.



REGION	YIELD
UK	96
EAST	96
WEST	97
NORTH	98
Untreated yield	82
Light soils	96
Heavy soils	96
First Cereal	97
Second Cereal	95



WHEAT

SY CHEER

Quality wheat made simple

 **SY Cheer**
Winter wheat



Syngenta UK Ltd. Registered in England No. 849037.
Jealott's Hill International Research Centre, Bracknell, Berkshire, RG42 6EY
Website: www.syngenta.co.uk. For technical enquiries, call 01223 883400
or visit syngenta.co.uk/contact-us to contact your local Area Manager.



WINTER WHEAT GROUP 2

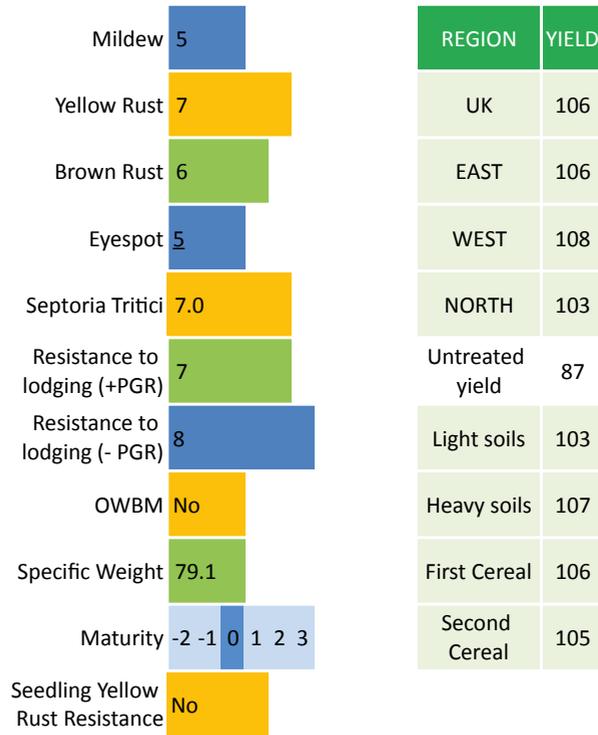
KWS ARNIE (KWS ZYATT X KWS EXTASE)

KWS Arnie is new to the Group 2 market this autumn offering growers high yields and potential for a milling premium.

Very good disease package with a 7.0 for Septoria Tritici and 87% untreated yield.

KWS Arnie has a vigorous growth habit offering a very competitive growth habit in more challenging situations.

A very stiff strawed variety with good performance across all soil types and 1st/2nd wheat position in trials so far.



IT'S THE GUV'NOR.



KWS ARNIE

Group 2 Winter Wheat

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



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SEEDING
THE FUTURE
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WINTER WHEAT GROUP 2

KWS EQUIPE (KWS EXTASE X CHEVIGNON)

Another new Group 2 wheat from KWS this autumn, KWS Equipe comes from their french breeding program and is a KWS Extase type variety.

KWS Equipe has a very good Septoria Tritici rating of 7.0 and yields very well in the East and West regions with relatively early maturity and the highest untreated yield on the RL.

More suited to the 1st wheat situations and very good performance on heavier soils.

For those that are growing KWS Extase and would like to try something new, KWS Equipe offers similar attributes but with superior grain quality, yield and untreated performance.

		REGION	YIELD
Mildew	7	UK	103
Yellow Rust	7	EAST	102
Brown Rust	7	WEST	105
Eyespot	4	NORTH	100
Septoria Tritici	7.0	Untreated yield	92
Resistance to lodging (+PGR)	7	Light soils	101
Resistance to lodging (- PGR)	7	Heavy soils	104
OWBM	No	First Cereal	103
Specific Weight	79.5	Second Cereal	101
Maturity	-2 -1 0 1 2 3		
Seedling Yellow Rust Resistance	No		

KWS EXTASE (BOISSEAU X SOLHEIO)

KWS Extase remains a very popular variety on farm due to its high yields and good grain quality.

It has an excellent disease package and still has an untreated yield of 91%.

It is a tall variety that needs a good PGR programme and is early to mature - good for those looking for an earlier variety to spread harvest workload.

KWS Extase must not be drilled too early (not before 25th September) as it has a fast speed of development due to its french parentage.

		REGION	YIELD
Mildew	6	UK	102
Yellow Rust	7	EAST	102
Brown Rust	7	WEST	102
Eyespot	5	NORTH	101
Septoria Tritici	7.0	Untreated yield	91
Resistance to lodging (+PGR)	7	Light soils	102
Resistance to lodging (- PGR)	7	Heavy soils	103
OWBM	No	First Cereal	102
Specific Weight	7.2	Second Cereal	102
Maturity	-2 -1 0 1 2 3		
Seedling Yellow Rust Resistance	No		

WINTER WHEAT GROUP 2

KWS PALLADIUM (KWS ZYATT X KWS TRINITY)

KWS Palladium has been on the market since 2022 and is performing well on farm.

A high untreated yield of 89% of control and one of the highest Septoria Tritici ratings at 7.2.

Can be drilled slightly earlier than KWS Extase and performs well as a 2nd wheat.

Excellent grain quality with milling potential, accepted by the millers as a Group 2 grade. KWS Palladium has good sprouting resistance.

KWS Palladium is a great all-rounder which is suitable for earlier drilling with very stiff straw and good performance on heavier land. Like KWS Extase, the early maturity can be very useful to spread workload at harvest.

Mildew	7	REGION	YIELD
Yellow Rust	9	UK	101
Brown Rust	6	EAST	100
Eyespot	6	WEST	103
Septoria Tritici	7.2	NORTH	101
Resistance to lodging (+PGR)	8	Untreated yield	89
Resistance to lodging (- PGR)	8	Light soils	100
OWBM	No	Heavy soils	101
Specific Weight	77.7	First Cereal	101
Maturity	-2 -1 0 1 2 3	Second Cereal	100
Seedling Yellow Rust Resistance	Yes		

MAYFLOWER (ASCOTT X ARMADA)

Mayflower came to the market in Autumn 2022 and gives consistent performance on farm.

It has a strong agronomic package with an untreated yield of 91% and a Septoria Tritici rating of 8.9.

It offers increased marketing opportunities in comparison to some of the other Group 2 varieties, due to less protein dilution and ability to reach the 13% protein specification for milling grades.

Some recent nitrogen use efficiency trials suggest that when N levels are reduced, Mayflower's relative yield increases compared to other established varieties.

Mildew	7	REGION	YIELD
Yellow Rust	9	UK	98
Brown Rust	6	EAST	97
Eyespot	5@	WEST	100
Septoria Tritici	8.9	NORTH	98
Resistance to lodging (+PGR)	7	Untreated yield	91
Resistance to lodging (- PGR)	6	Light soils	98
OWBM	No	Heavy soils	97
Specific Weight	79.2	First Cereal	98
Maturity	-2 -1 0 1 2 3	Second Cereal	98
Seedling Yellow Rust Resistance	Yes		

When everything's going up, it pays to bring your costs down.

Increased flexibility

Mayflower has a **wider, more flexible** growing window than its competitors.

Increased income opportunities

When grown as a milling wheat, it consistently achieves the **13%** contract specification of protein with a specific weight of **79.1kg**.

Reduced fuel costs

Less inputs and passes means **fewer litres** in the tank.

Reduced chemistry costs

Excellent disease package with a **Septoria score of 8.9**, as well as Soil Wheat Mosaic Virus and PCHI to Eyespot.

Reduced nitrogen costs

Recent trials prove when N levels are reduced, Mayflower's relative **yield increases** compared to other established varieties.



WINTER WHEAT GROUP 2

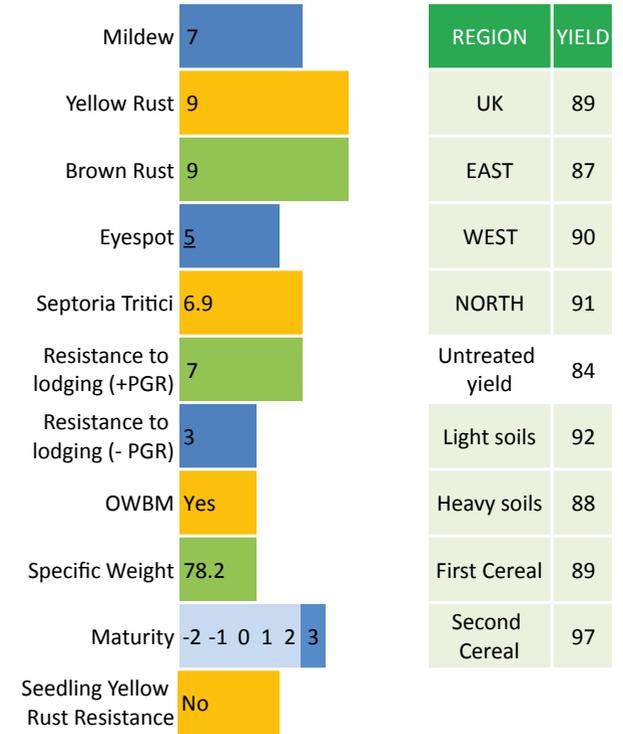
RGT GOLDFINCH

RGT Goldfinch was new to the market last autumn from the RAGT Genserus program as the UK's first BYDV and OWBM resistant wheat.

It has an excellent disease profile whilst offering growers an insecticide free bread-making wheat.

It's straw strength when untreated is very weak but it responds well to PGR's so a robust programme is recommended. It is not recommended for drilling before 25th September and best drilled before the end of December.

Registered on the BIPO scheme for royalty payment (see page 62).



This season choose the lower input variety. It could just deliver a higher impact on your bottom line.

Speak to your seed merchant today about availability.

MAYFLOWER
Winter Wheat

Elsoms
The Seed Specialists
elsoms.com



Natural *resistance*
for your **peace** of
mind



RGT Goldfinch

OWBM and BYDV resistance

Group 2 winter wheat

Reduced insecticide use

Excellent **all-round** disease resistance

9 resistance rating for yellow and brown rust

+ For more information call us on 01799 533700, or visit us at ragt.uk



WINTER WHEAT GROUP 3

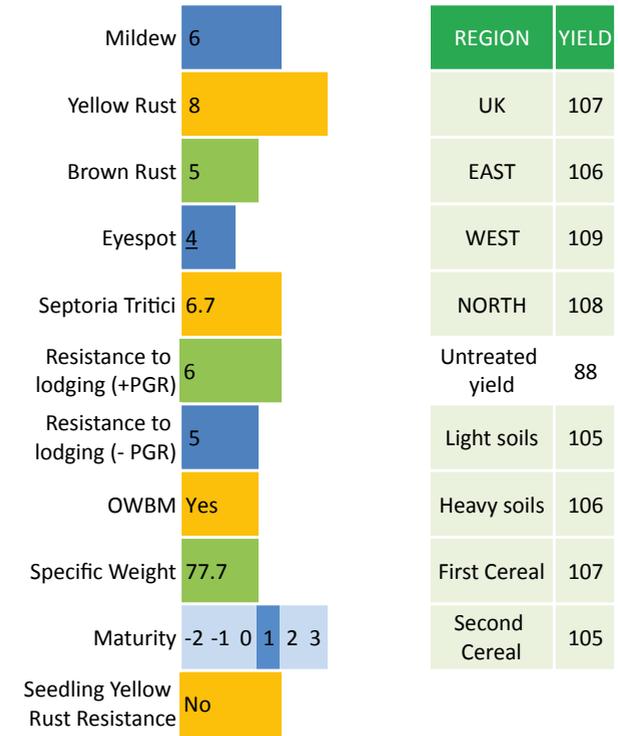
KWS SOLITAIRE (LG SUNDANCE X SHABRAS)

KWS Solitaire is NEW to the Group 3 market this autumn and is the highest yielding variety across the soft wheat sector.

Along with its high yields, KWS Solitaire offers a robust agronomic package aswell as OWBM resistance.

Suitable for early drilling but not the stiffest strawed variety, so this needs to be managed through an appropriate PGR programme.

KWS Solitaire is worth trying this autumn for soft wheat growers looking to bring another variety into the mix.



REGION	YIELD
UK	107
EAST	106
WEST	109
NORTH	108
Untreated yield	88
Light soils	105
Heavy soils	106
First Cereal	107
Second Cereal	105

The foundation for an excellent result.



KWS SOLITAIRE

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



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WINTER WHEAT GROUP 3

BAMFORD (MOULTON X EW129)

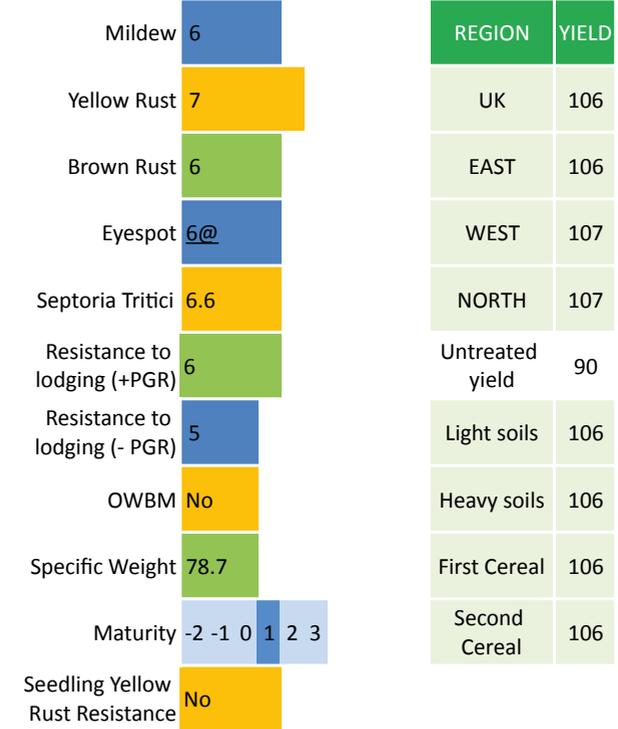
Bamford was new to the market last autumn and offers growers high yields with good disease resistance and soft grain quality for premium markets.

It performs well across all soil types and in the 1st/2nd wheat situation.

Suitable for later drilling.

It is a taller variety so a robust PGR program is recommended in more fertile situations.

Bamford took a 10% market share in Autumn 2024.





TOP BAMFORD '25.

Bamford is the most impressive Group 3.

Bamford is the top choice for growers, being the most widely grown Group 3 variety across the UK.

Bamford offers an enviable agronomic and disease resistance package, and with excellent yield scores of 106% treated and 90% untreated it is one of the top soft wheats on this year's Recommended List.

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

Bamford is the dependable wheat you can trust to deliver the best gross output potential.

Bamford. Your unrivalled top choice for 2025.

BAMFORD Winter Wheat

Speak to your seed merchant today about availability.



WINTER WHEAT GROUP 4 (SOFT)

KWS ZEALUM (KWS BASSET X REFLECTION)

KWS Zealum is a consistent, high yielding soft wheat variety.

It is suitable for earlier drilling, stiff strawed and performs well on heavier land as well as good performance in the 2nd wheat position.

It is slightly later to mature with excellent sprouting resistance which is a big advantage the further North it is grown.

It has a good alcohol yield for the distilling market with attractive premiums over feed.



WINTER WHEAT GROUP 4 (SOFT)

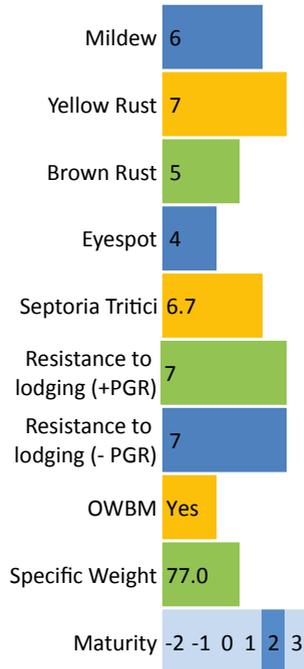
RGT HEXTON

RGT Hexton is NEW to the Group 4 soft wheats this autumn offering a combination of high yield (particularly further North), robust agronomics and good grain quality.

Suitable for all soil types but has performed particularly well on lighter soils in trials. Its relatively slow growth habit lends itself to earlier sowing.

RGT Hexton has performed very well in the 2nd wheat slot, being the highest yielding second wheat in the AHDB trials.

RGT Hexton is registered on the BIPO scheme for royalty payment.



REGION	YIELD
UK	105
EAST	105
WEST	104
NORTH	111
Untreated yield	80
Light soils	107
Heavy soils	105
First Cereal	105
Second Cereal	105

THE #1 SECOND WHEAT! RGT HEXTON

RGT Hexton is the best yielding second wheat on the AHDB Recommended List 2025/2026.

Great results for early sown and light soils

Feed or distilling

G4 soft wheat, great disease resistance

LEARN MORE: [RAGT.UK/RGT-HEXTON](https://ragt.uk/rgt-hexton)

+ For more information contact us on 01799 533700 or visit ragt.uk

think SOLUTIONS
think RAGT



ABOUT US

WHAT IS BIPO?

Bipo is a royalty collection office that represents breeders within the UK. Just like BSPB but with a different approach. Like Netflix & Sky!

WHAT IS RAC?

Royalty area collection (RAC) is an agreement between the breeder & farmer that wants to use a particular variety. The grower agrees to pay a royalty set by the breeder.

WHAT IS OUR GOAL ?

To promote breeding activity in the UK to ensure our farmers are as competitive as they can be within a challenging environment.

HOW DO I GET AN RAC NUMBER?

1

GO TO BIPO.ORG.UK

Navigate to the "RAC Grower Agreement" tab on the website

2

CREATE RAC AGREEMENT

Enter your **business & farm** details that will create a RAC Number unique to your holdings. You only need to sign an agreement once.

3

RETRIEVE YOUR RAC NUMBER

Once confirmed, your unique RAC number will be **emailed to you**. You are then covered to grow **all RAC varieties under this number**.

4

PAYING ROYALTIES

For varieties on the new **BIPO collection such as RGT Hexton:**
Certified Seed- Royalty included within invoice from seed merchant
FSS- Royalty invoiced directly by BIPO on the ha declared by grower

Find out more information at  www.bipo.org.uk

WINTER WHEAT GROUP 4 (HARD)

KWS SCOPE (INFORMER X KWS KINETIC)

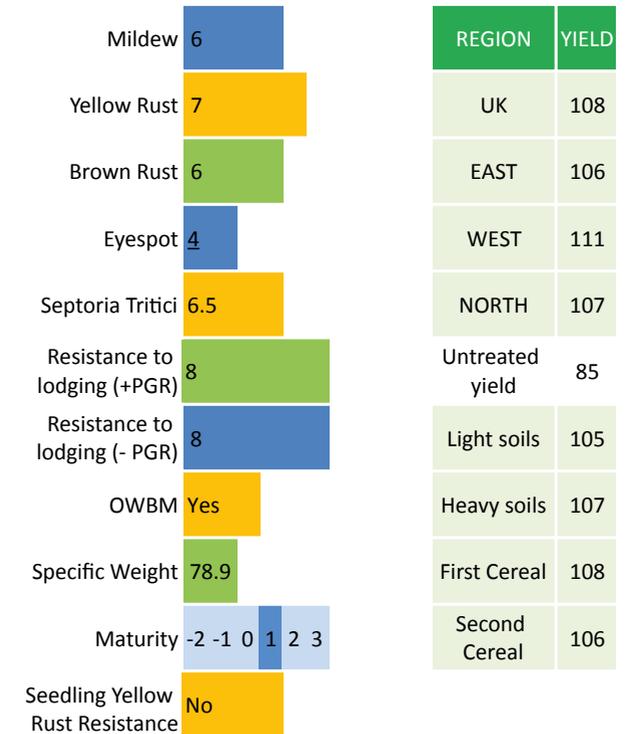
KWS Scope is NEW for this autumn as the highest yielding variety on the Recommended List.

It is a short, stiff strawed variety which is suitable for early drilling with similar attributes to Graham but benefits from OWBM resistance.

Excellent Septoria Tritici resistance which is why it performs particularly well in the west.

KWS Scope is bringing some new genetics to the hard feed sector with the German-bred informer as one of its parents.

For those that have liked Graham in the past, KWS Scope is worth a look for this autumn. KWS rate it slightly earlier in maturity than the RL states.



REGION	YIELD
UK	108
EAST	106
WEST	111
NORTH	107
Untreated yield	85
Light soils	105
Heavy soils	107
First Cereal	108
Second Cereal	106

HIGH YIELDS ARE IN SIGHT.



KWS SCOPE

Group 4 Hard 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



www.kws-uk.com

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WINTER WHEAT GROUP 4 (HARD)

CHAMPION (DSV20122 X REFLECTION)

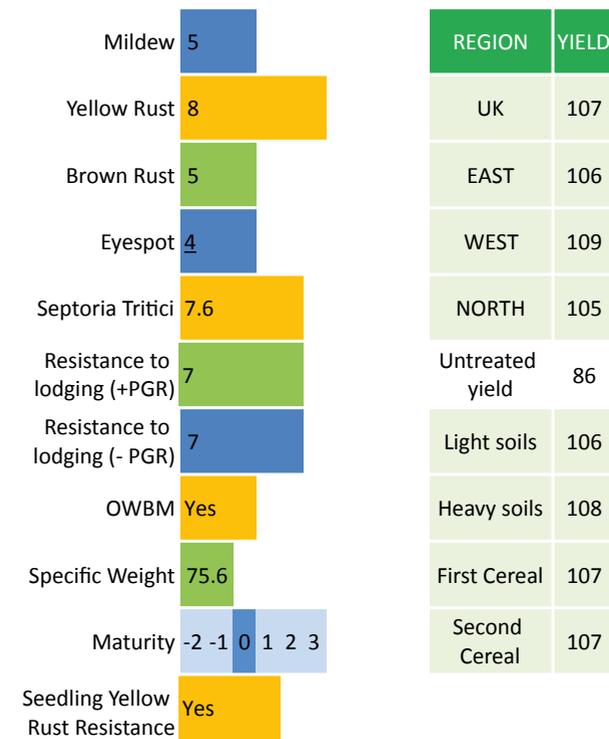
Champion was new to the market in autumn 2022 offering growers excellent yields and a strong agronomic package.

Performs very well on all soil types, particularly heavier land and is also a good second wheat (watch for eyespot in this slot).

Champion is a relatively tall variety - a good PGR program is advised and not to be drilled before mid-september.

It's vigorous growth habit makes it competitive against grassweeds and well suited to later drilling.

Champion is a great barn filler and has proven itself very popular on farm over the last few of seasons.



WINTER WHEAT GROUP 4 (HARD)

LG BEOWULF (COSTELLO X GLEAM)

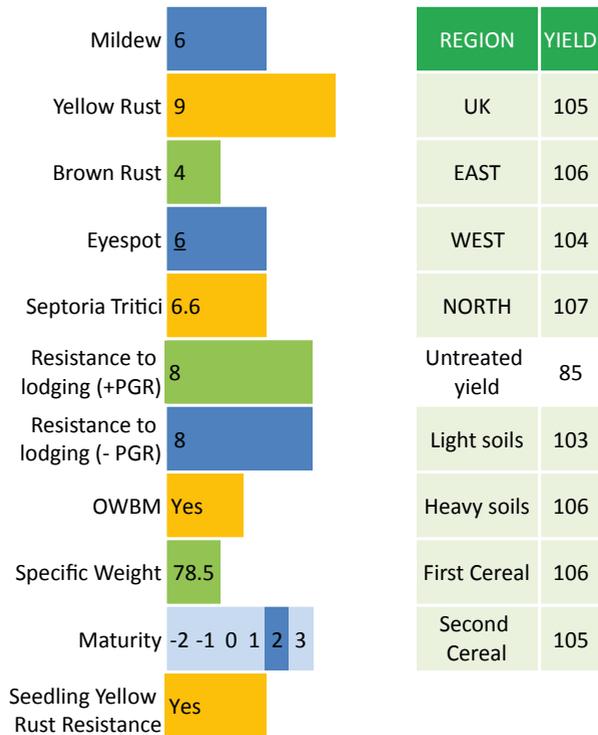
LG Beowulf was new to the market last autumn and was 11% of the seed wheat market last Harvest.

LG Beowulf offers a high yields and performs well across all regions and soil types and can be drilled in either the 1st or 2nd wheat slot.

Excellent grain quality from its other parent Costello with a specific weight of 78.5kg/hl.

A good disease package - especially to septoria tritici.

Very stiff strawed with a 8/8 score for lodging.







YIELD EVERY OPPORTUNITY, SEASON, REGION & SCENARIO

“ 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 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 

WINTER WHEAT GROUP 4 (HARD)

KWS DAWSUM (KWS KERRIN X COSTELLO)

Along with Champion, KWS Dawsum has been a very popular choice on farm over the last couple of seasons with 14% market share.

Many of you will know its parents KWS Kerrin and Costello, combining excellent yield and grain quality as well as its suitability as a second wheat.

Suitable for early drilling from the 7th September onwards - as a team we think it wants to be drilled in good time, as there are better options with a more vigorous growth habit for the later drilled slot.

One of the shorter, stiff strawed varieties making it a good choice on heavier land.

		REGION	YIELD
Mildew	8	UK	103
Yellow Rust	9	EAST	103
Brown Rust	7	WEST	103
Eyespot	5	NORTH	106
Septoria Tritici	6.3	Untreated yield	89
Resistance to lodging (+PGR)	7	Light soils	105
Resistance to lodging (- PGR)	8	Heavy soils	103
OWBM	No	First Cereal	103
Specific Weight	79.9	Second Cereal	103
Maturity	-2 -1 0 1 2 3		
Seedling Yellow Rust Resistance	Yes		

GRAHAM (PREMIO X EXPERT)

Graham has been on the RL since 2016 but still has a loyal following on farm due to its consistency.

An excellent first wheat, suitable for early drilling with a very stable disease package and untreated yield of 86%.

Good grain quality and early maturity.

		REGION	YIELD
Mildew	6	UK	103
Yellow Rust	7	EAST	102
Brown Rust	5	WEST	105
Eyespot	4	NORTH	104
Septoria Tritici	6.5	Untreated yield	86
Resistance to lodging (+PGR)	7	Light soils	103
Resistance to lodging (- PGR)	8	Heavy soils	101
OWBM	No	First Cereal	102
Specific Weight	77.8	Second Cereal	101
Maturity	-2 -1 0 1 2 3		
Seedling Yellow Rust Resistance	No		

WINTER WHEAT GROUP 4 (HARD)

LG TYPHOON (LG GARUS X LGW88)

LG Typhoon was new to the market in 2022 and is an excellent all-rounder which offers a low risk variety to have in the mix on farm.

It's slower growth habit in the autumn makes it suitable for early drilling, and it performs very well in the second wheat position.

LG Typhoon performs particularly well on lighter soils.

With an untreated yield of 87% and a rating of 7.2 for Septoria Tritici, LG Typhoon is a useful variety to have on farm for hard/feed wheat growers.

		REGION	YIELD
Mildew	6	UK	101
Yellow Rust	9	EAST	101
Brown Rust	6	WEST	101
Eyespot	5	NORTH	103
Septoria Tritici	7.2	Untreated yield	87
Resistance to lodging (+PGR)	7	Light soils	101
Resistance to lodging (- PGR)	7	Heavy soils	101
OWBM	Yes	First Cereal	101
Specific Weight	77.4	Second Cereal	102
Maturity	-2 -1 0 1 2 3		
Seedling Yellow Rust Resistance	Yes		



RECOMMENDED



READY FOR THE FUTURE



“ I’ve grown LG Typhoon for 3 years - it appeals to me because of its early drilling window, plus it’s one of the cleanest varieties in my trials. ”

Rob,
Staffordshire







LG TYPHOON WINTER WHEAT



- Recommended for all farming systems
- Desirable agronomics for early drilling
- Excellent disease & OWBM resistance

lgseeds.co.uk/lg-typhoon

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WINTER OATS

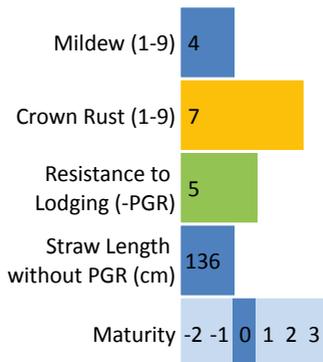
RGT SOUTHWARK

The highest yielding winter oat variety on the AHDB Recommended List.

Offers a good specific weight.

It is a tall strawed variety which needs watching but is early to mature and harvest.

It has very good resistance to the common strains of Crown Rust which contributes to its high untreated yield of 90% but it is susceptible to mildew.



REGION	YIELD
Breeder	RAGT
UK yield (% treated control)	106
Unt. yield (% treated control)	90
Kernel content (%)	72.8
Specific Weight (kg/hl)	54.4
Screenings (2.0 mm)	5.7
Screenings (1.8 mm)	N/A

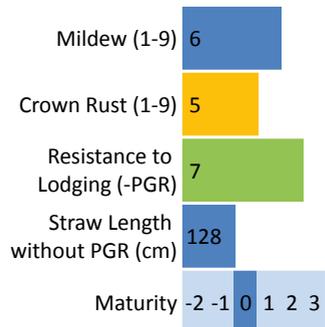
MASCANI

Mascani remains the most popular milling oat variety with strong demand from millers with around 88% market share.

The highest kernel content of all varieties.

Very low screenings.

Mascani has the best all round disease package of all the husked winter oats.



REGION	YIELD
Breeder	Senova
UK yield (% treated control)	95.0
Unt. yield (% treated control)	77.0
Kernel content (%)	75.2
Specific Weight (kg/hl)	53.4
Screenings (2.0 mm)	2.5
Screenings (1.8 mm)	N/A

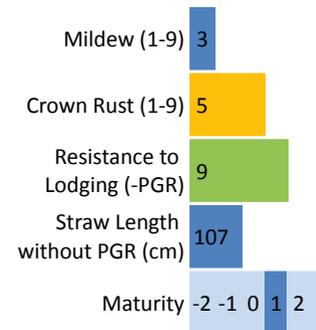
CROMWELL

Cromwell was a new winter oat onto the market in autumn 2023.

It is a Mascani cross which gives it a high specific weight and kernel content.

It has short, stiff straw but needs watching for mildew.

Cromwell gives growers a higher yielding option to Mascani but still producing the good grain quality which Mascani has been renowned for - it now represents 9% of the UK winter oat market with some of the big millers taking it on contract for Harvest 2025.



REGION	YIELD
Breeder	Senova
UK yield (% treated control)	103.0
Unt. yield (% treated control)	84.0
Kernel content (%)	74.8
Specific Weight (kg/hl)	55
Screenings (2.0 mm)	4.7
Screenings (1.8 mm)	N/A

HYBRID WINTER RYE

KWS EMPHOR

KWS Emphor is new to the market this autumn and is KWS's highest yielding variety suitable for both the grain and wholecrop markets.

This variety has shown excellent drought tolerance and is also top ranked variety for ergot tolerance.

Seed Rates (seeds/m²):
Sept - 200-220 seeds/m²
Oct - 250+ seeds/m²

Brown Rust (1-9)	6	REGION	YIELD
Straw Length (cm)	[130]	Breeder	KWS
Maturity	-2 -1 0 1 2 3	UK yield (% treated control)	104
		Protein (%)	8.2
		HFN	229
		Specific Weight (kg/hl)	76.2

KWS TAYO

KWS Tayo is the market leading hybrid rye variety with 32% market share - it is suitable for the AD or grain market.

Excellent stem stiffness with high straw yields.

Benefits from the KWS PollenPlus technology to minimise ergot infection.

Good Drought tolerance and high harvest index (grains/ear).

Seed Rates (seeds/m²):
Sept - 200-220 seeds/m²
Oct - 250+ seeds/m²

Brown Rust (1-9)	6	REGION	YIELD
Straw Length (cm)	133	Breeder	KWS
Maturity	-2 -1 0 1 2 3	UK yield (% treated control)	101
		Protein (%)	8.8
		HFN	241
		Specific Weight (kg/hl)	76.0

HYBRID WINTER RYE

KWS SERAFINO

Whilst one of the older hybrid rye varieties, KWS Serafino is still performing well on farm.



Multi-purpose variety suitable for both AD and grain.

Benefits from the KWS PollenPlus technology to minimise ergot infection.

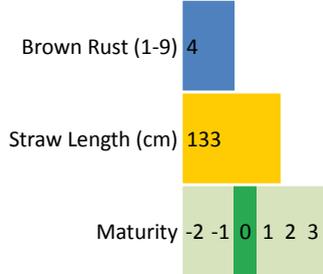
Very stiff strawed.

Seed Rates (seeds/m²):
Sept- 200-220 seeds/m²
Oct - 250+ seeds/m²

REGION	YIELD
Breeder	KWS
UK yield (% treated control)	99
Protein (%)	8.7
HFN	256
Specific Weight (kg/hl)	76.5

SU PERSPECTIV

SU Perspectiv is was new to the market last year and is a step on in yield and quality to its predecessor SU Performer which has been very popular.



It can be grown for either AD or grain production.

Fast developer and good lodging resistance.

REGION	YIELD
Breeder	Saaten Union
UK yield (% treated control)	102
Protein (%)	8.8
HFN	227
Specific Weight (kg/hl)	77.0

OILSEED RAPE

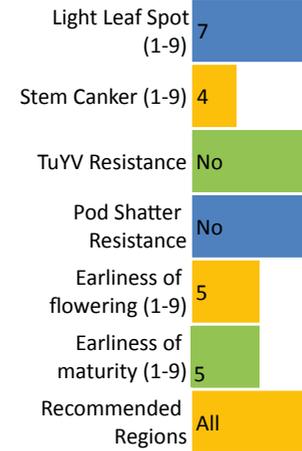
CONVENTIONAL OILSEED RAPE

PI PINNACLE - CONVENTIONAL

Pinnacle is the highest yielding conventional variety on the AHDB Recommended List.

It was bred by Mike Pickford, an independent oilseed rape breeder focussing on keeping plants green for as long as possible to build yield at the end of the season.

Pinnacle has a large seed and good autumn vigour - it is slightly later to flower to avoid the risk of damage from late frosts.



AGRONOMIC DATA	
Breeder	Mike Pickford
UK Output (%)	101
E/W Output (%)	101
North Output (%)	101
Lodging Resistance	8
Plant Height (cm)	152
Oil Content	44.5%
RL status	2025/26

No.1
conventional
NOSR 2025



**THE NO. 1 UK
RECOMMENDED
CONVENTIONAL 2025**

BRED IN BRITAIN FOR UK FARMERS

Highly recommended for all regions of the UK, this top-performing conventional variety boasts the highest yield. Featuring large pods and abundant seeds, it ranks as the No.1 choice. Developed in Britain specifically for British farmers, its superior yield, vigour, and establishment surpass even that of Campus.



t: 01379 871073 e: info@grainseed.co.uk

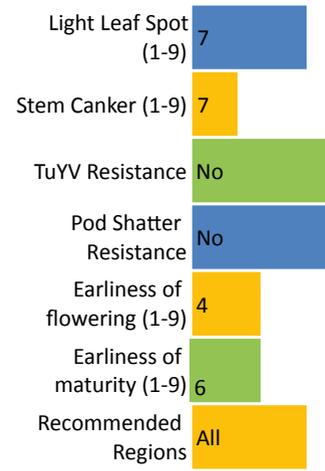
CONVENTIONAL OILSEED RAPE

POWERHOUSE - CONVENTIONAL

Powerhouse is new on the AHDB Recommended List this year

Exceptional agronomic merit, vigour and seed yield.

Powerhouse is a medium late flowering variety with excellent secondary branching.



AGRONOMIC DATA	
Breeder	Mike Pickford
UK Output (%)	102
E/W Output (%)	100
North Output (%)	102
Lodging Resistance	9
Plant Height (cm)	146
Oil Content	43.6%
RL status	2025/26

SERIOUS AGRONOMY. SERIOUS OUTPUT.



Conventional Oilseed Rape variety that earns its name. Powerhouse combines industry-leading vigour with robust disease resistance and exceptional northern yield results.

Contact Mortimers today about availability.

POWERHOUSE
Oilseed Rape



CONVENTIONAL OILSEED RAPE

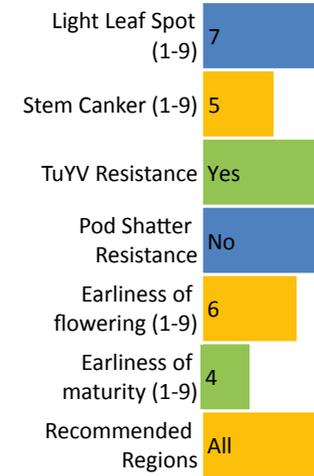
ANNIKA - CONVENTIONAL

Annika is now a well established variety within the conventional rapeseed market.

It offers growers good yields with a strong disease package and TuYV resistance.

It is suited to earlier drilling than the Acacia, it can be drilled from mid-July through to mid-September.

Relatively early to flower but slightly later to mature with excellent stem stiffness.



AGRONOMIC DATA

Breeder	LG
UK Output (%)	98
E/W Output (%)	98
North Output (%)	96
Lodging Resistance	8
Plant Height (cm)	146
Oil Content	44.9%
RL status	2025/26

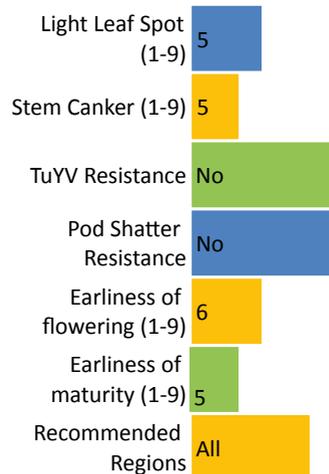
CONVENTIONAL OILSEED RAPE

ACACIA - CONVENTIONAL

Acacia remains one of the most popular conventional varieties on the market, with good autumn and spring vigour.

It is a Anastasia cross which has attracted many traditional Anastasia growers over the last few seasons. Suitable for drilling from end July - mid September.

Consistent performance on farm with good yields and straw strength.



AGRONOMIC DATA	
Breeder	LG
UK Output (%)	95
E/W Output (%)	95
North Output (%)	98
Lodging Resistance	8
Plant Height (cm)	139
Oil Content	44.9%
RL status	2025/26

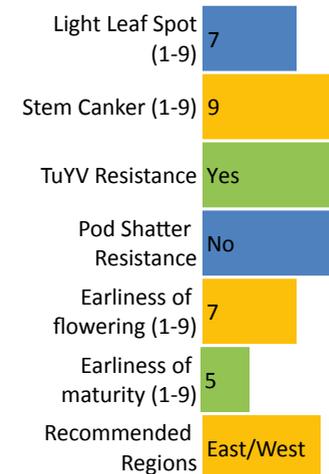
HYBRID OILSEED RAPE

MAVERICK - HYBRID

Maverick is a NEW hybrid variety to the AHDB Recommended List this autumn.

It has excellent yield potential combined with good stem canker resistance, TUYV resistance and outstanding autumn and spring vigour.

Maverick benefits from both RlmS & Rlm7 phoma resistance genes.



AGRONOMIC DATA	
Breeder	NPZ
UK Output (%)	108
E/W Output (%)	109
North Output (%)	100
Lodging Resistance	8
Plant Height (cm)	154
Oil Content	46.0%
RL status	2025/26



SET YOUR SIGHTS ON STRONG STEM HEALTH



MAVERICK OILSEED RAPE

SCAN HERE FOR INFO



npz-uk.com

NPZ UK - Breeding Quality

HYBRID OILSEED RAPE

LG ADAPT - HYBRID

LG Adapt is a NEW hybrid for autumn 2025 with high gross output of 108% across all regions.

It has a very good resistance to light leaf spot and benefits from TuYV and pod shatter resistance.

It has strong autumn and spring vigour suitable for later drilling.

Light Leaf Spot (1-9)	7
Stem Canker (1-9)	6
TuYV Resistance	Yes
Pod Shatter Resistance	Yes
Earliness of flowering (1-9)	6
Earliness of maturity (1-9)	5
Recommended Regions	All

AGRONOMIC DATA	
Breeder	LG
UK Output (%)	108
E/W Output (%)	108
North Output (%)	108
Lodging Resistance	[8]
Plant Height (cm)	157
Oil Content	46.4%
RL status	2025/26

HYBRID OILSEED RAPE

LG AVENGER - HYBRID

LG Avenger is another NEW hybrid from Limagrain for autumn 2025 recommended for the North region with a gross output of 106%.

It has a light leaf spot rating of 7 and benefits from TuYV and pod shatter resistance.

Its exceptional autumn and spring vigour Limagrain think this variety has more CSFB resilience than other varieties due to its ability to grow away from flea beetle pressure in the autumn or larvae damage in the spring.

Light Leaf Spot (1-9)	7
Stem Canker (1-9)	5
TuYV Resistance	Yes
Pod Shatter Resistance	Yes
Earliness of flowering (1-9)	6
Earliness of maturity (1-9)	5
Recommended Regions	North

AGRONOMIC DATA	
Breeder	LG
UK Output (%)	104
E/W Output (%)	104
North Output (%)	106
Lodging Resistance	[8]
Lodging Resistance	161
Oil Content	46.0%
RL status	2025/26

MAGELAN - HYBRID

Magelan is another NEW variety from Limagrain this autumn with a strong disease package.

It benefits from the TuYV and Pod Shatter resistance traits.

It offers growers a high yielding variety with one of the highest oil contents at 46.3%.

It also has strong autumn and spring vigour making it suitable for later drilling.

Light Leaf Spot (1-9)	6
Stem Canker (1-9)	5
TuYV Resistance	Yes
Pod Shatter Resistance	Yes
Earliness of flowering (1-9)	7
Earliness of maturity (1-9)	5
Recommended Regions	East/West

AGRONOMIC DATA	
Breeder	LG
UK Output (%)	106
E/W Output (%)	106
North Output (%)	102
Lodging Resistance	[7.8]
Plant Height (cm)	154
Oil Content	46.3%
RL status	2025/26

RECOMMENDED
AHDB



FULLY LOADED
FULLY INVESTED



MAGELAN

Newly recommended variety with a strong resistance package and that all important pod shatter trait



lgseeds.co.uk/magelan

Limagrain Field Seeds

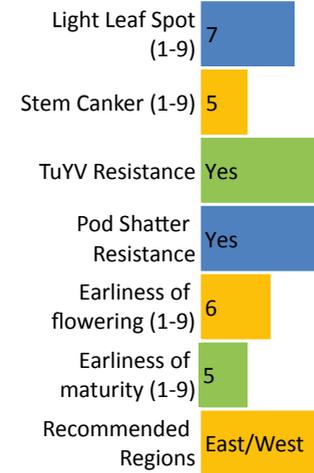


HYBRID OILSEED RAPE

HINSTA - HYBRID

Hinsta is a NEW variety from KWS this autumn offering high yields with excellent oil content.

It has TuYV and Pod Shatter resistance and has shown very good tolerance to Verticillium Stem Stripe.



AGRONOMIC DATA	
Breeder	KWS
UK Output (%)	106
E/W Output (%)	106
North Output (%)	104
Lodging Resistance	[8]
Plant Height (cm)	155
Oil Content	46.1%
RL status	2025/26

HYBRID OILSEED RAPE

TURING - HYBRID

Turing remains one of the highest yielding varieties on the AHDB recommended list for autumn 2025.

It is short and stiff with excellent standing power.

It is a very early flowering variety with good resistance to Light Leaf Spot but moderately susceptible to Stem Canker.

Good Verticilium Wilt resistance.

Light Leaf Spot (1-9)	7
Stem Canker (1-9)	4
TuYV Resistance	No
Pod Shatter Resistance	No
Earliness of flowering (1-9)	8
Earliness of maturity (1-9)	5
Recommended Regions	East/West

AGRONOMIC DATA	
Breeder	NPZ
UK Output (%)	106
E/W Output (%)	106
North Output (%)	105
Lodging Resistance	7.9
Plant Height (cm)	146
Oil Content	44.4%
RL status	2025/26

ATTICA - HYBRID

Attica has been on the market since 2023 and has shown consistent high performance on farm.

TuYV, RLM7 and pod shatter resistance. It has good Verticilium Wilt resistance.

Good stem stiffness and lodging resistance.

Early to flower but medium for maturity.

Attica is another solid, all round performer out of the current Limagrain oilseed rape portfolio. It is suitable for drilling from beginning of August through to early September.

Light Leaf Spot (1-9)	7
Stem Canker (1-9)	5
TuYV Resistance	Yes
Pod Shatter Resistance	Yes
Earliness of flowering (1-9)	7
Earliness of maturity (1-9)	5
Recommended Regions	All

AGRONOMIC DATA	
Breeder	LG
UK Output (%)	101
E/W Output (%)	101
North Output (%)	102
Lodging Resistance	[7.9]
Plant Height (cm)	153
Oil Content	45.1%
RL status	2025/26

HYBRID OILSEED RAPE

DK EXSTAR - HYBRID

DK Exstar continues to prove itself as a consistent performer on farm with a good all-round agronomic package and reliable yield.

Suitable for early drilling.

Rapid autumn and spring development to combat CSFB and larvae pressure.

Available on establishment scheme.

Light Leaf Spot (1-9)	8
Phoma Resistance (1-9)	8
TuYV Resistance	No
Pod Shatter Resistance	Yes
Earliness of flowering (1-9)	6
Earliness of maturity (1-9)	6

AGRONOMIC DATA	
Breeder	Dekalb
2-Year Gross Output	4.92 t/ha
Lodging Resistance	9
Plant Height (1-9)	6
Oil Content	45.3%
RL status	No

AURELIA - HYBRID

Another reliable variety from Limagrain which continues to perform on farm since its addition to the market in 2020.

Excellent autumn and spring vigour to aid establishment and grow away from early season pest and disease pressure. Suitable for drilling from early August - mid September.

Aurelia benefits from TuYV, pod shatter and RLM7 phoma resistance genes.

Light Leaf Spot (1-9)	7
Stem Canker (1-9)	4
TuYV Resistance	Yes
Pod Shatter Resistance	Yes
Earliness of flowering (1-9)	7
Earliness of maturity (1-9)	5
Recommended Regions	All

AGRONOMIC DATA	
Breeder	LG
UK Output (%)	101
E/W Output (%)	101
North Output (%)	102
Lodging Resistance	7.9
Plant Height (cm)	146
Oil Content	44.8%
RL status	2025/26

HYBRID OILSEED RAPE

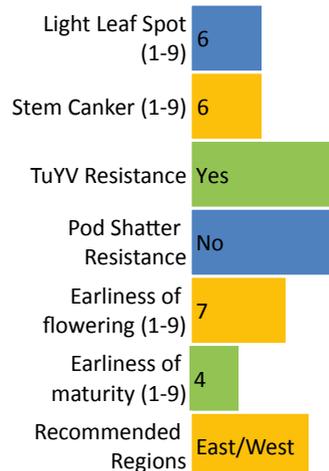
DOLPHIN - HYBRID

Dolphin was new to the market from DSV last autumn offering growers high yields, excellent disease resistance and a high oil content.

DSV Dolphin carries the new Harvest Max protection traits to give maximum protection against harvest challenges.

Its strong autumn and spring vigour means it can be drilled later in the season if required.

Very good resistance to Sclerotinia and Verticillium Wilt.



AGRONOMIC DATA	
Breeder	DSV
UK Output (%)	103
E/W Output (%)	103
North Output (%)	98
Lodging Resistance	[8.0]
Plant Height (cm)	146
Oil Content	46.5%
RL status	2025/26

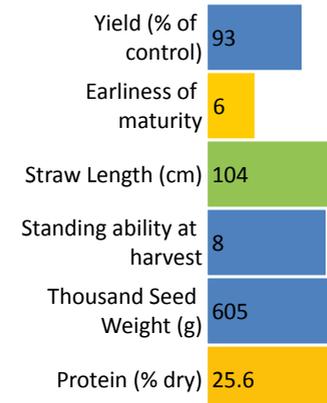
WINTER BEANS

TUNDRA

Despite being on the PGRO descriptive list since 2014, Tundra is still performing well on farm and can be suitable for export when quality is good enough.

Early to mature.

A short plant with good standing ability.

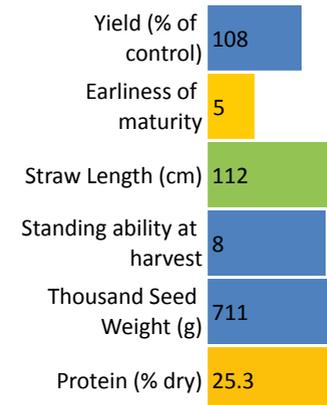


VESPA

Vespa is the most popular winter bean variety with 90% UK market share.

Slightly later to ripen than Tundra.

Suits both the feed and human consumption market with a good seed size.





VESPA

Winter Bean

The Winter Bean creating a real buzz!

With the highest yields on the PGRO Descriptive List, excellent standing ability and large grain, market leader **Vespa** is the perfect choice for your rotation and the feed and export markets.

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

Other Senova varieties:



Tel 01223 890777 • info@senova.uk.com

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SEED DRESSINGS

SINGLE PURPOSE



Beret Gold – Single purpose dressing for control of a range of seed and soil borne diseases in wheat, barley, oats, rye and triticale.

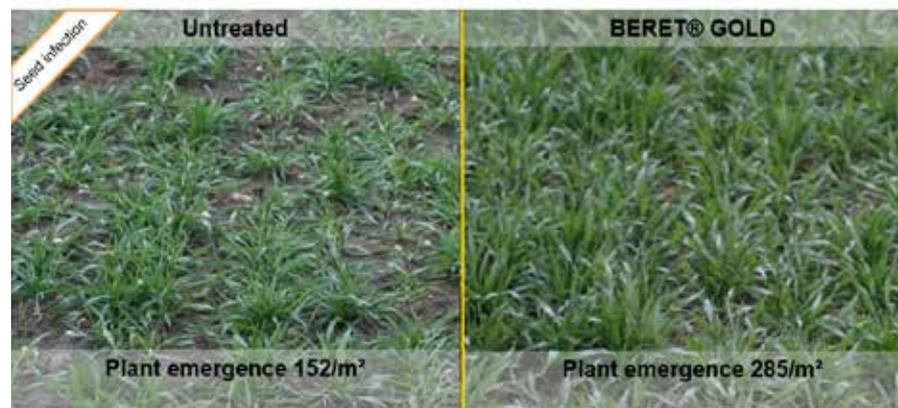
Active Ingredients: Fludioxonil

- Beret Gold is our single purpose dressing for all wheat seed.
- Single purpose treated seed protects from seed borne diseases, reduces the impact of soil-borne pathogens, enhances crop establishment and lays the foundations to maximise crop yield and quality.
- Fludioxonil protects against seedling blight, snow mould, fusarium, foot and root rot, rhizoctonia, Septoria nodorum, bunt, seed and soil-borne common bunt.



The value of a seed treatment

Provides protection from Fusarium infected seed



Beret: Syngenta Ltd 50% seed infection with *F. graminearum*





Raxil Star – winter barley is a specialist fungicide seed treatment for winter barley (must not be planted between 1 February and 31 August). It protects your crop from a broad spectrum of seed-borne diseases, helping to ensure excellent establishment and improve crop performance and quality. Raxil Star is the best single purpose dressing for winter barley.

- Controls seed-borne net blotch, loose smut, leaf stripe and covered smut
- Reduces Fusarium and microdochium seedling blight and stem-base browning
- Optimises establishment
- Allows retrieval of infected certified seed stocks

For more information on Raxil Star please see www.bayercropscience.co.uk



SPECIALIST DRESSINGS



Vibrance Duo – Winter wheat, winter barley, winter triticale, winter rye, spring barley, spring wheat and spring oats. Vibrance Duo is a fungicide SDHI-based (succinate dehydrogenase inhibitors) seed treatment for better establishment and rooting. Vibrance Duo offers an opportunity to give crops a vibrant start from outstanding control of key diseases, aiding rapid crop establishment with improved rooting.

Vibrance Duo has clear benefits for improving root growth, which combined with its excellent disease control, helps the crop achieve its full genetic potential.

Benefits include:

- Improved scavenging for soil moisture
- Improved uptake of nutrients
- More resilient plants – to stress, pests and diseases
- Maximised prospects for successful over-wintering
- Controls a broad spectrum of diseases that threaten crop establishment including Fusarium, Microdochium, Bunt, Loose Smut and Rhizoctonia
- Faster emergence
- SDHI sprays can still be applied – sedaxane forms a protective zone around the seed, root and stem base in the soil zone
- Low dust-off
- Compatible to be co-applied with Latitude

For further information, please see: www.syngenta.co.uk/vibrance-duo

ESTABLISH A STRONG AND RESILIENT CROP WITH VIBRANCE® DUO THIS SEASON

PROVEN TO:

- ▶ CONTROL KEY SEED-BORNE DISEASES
- ▶ IMPROVE ESTABLISHMENT
- ▶ INCREASE ROOTING
- ▶ PROTECT YIELD

VIBRANCE®
EFFECT

VISIT OUR
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THE VIBRANCE®
EFFECT

www.syngenta.co.uk

ROOTING
POWER™



 **Vibrance® Duo** 

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Website: www.syngenta.co.uk Technical Enquiries Tel: 01223 883400 or visit www.syngenta.co.uk/contact-us to contact your local Area Manager. VIBRANCE® Duo, ROOTING POWER™ and the SYNGENTA logo are Trademarks of a Syngenta Group Company. VIBRANCE® Duo (MAPP 17838) contains fludioxonil and sedaxane. Use plant protection products safely. Always read the label and product information before use. For further product information including warning phrases and symbols refer to www.syngenta.co.uk. April 2025. 13424.

SPECIALIST DRESSINGS



Latitude – winter wheat & barley

125 g / litre (11.83% w/w) of Silthiofam. The only specialist take-all seed treatment:

- Maximises yield and quality wherever take-all is a problem
- Increases yield and quality of winter cereals
- Provides facility to drill second wheat earlier
- Improves nutrient and water uptake
- Reduces take all
- Must be co-applied with a single purpose treatment

www.monsanto-ag.co.uk



Signal 300 ES – Winter wheat and winter barley

Active Substances: 300 g/l cypermethrin

Signal 300 ES is an insecticide seed treatment, which by contact and ingestion, gives protection against wheat bulb fly and wireworm.

It is the only seed dressing available for the control of wheat bulb fly and wireworm after the loss of Austral Plus and provides a 'zone of protection' around the seed, improving crop establishment even under the most challenging of pest infestations. Signal 300 ES provides excellent coverage and distribution on the seed and is compatible with a range of fungicide seed treatments.

NUTRITIONAL SEED DRESSINGS

Where do nutritional seed dressings help?

- Where soil or leaf analysis has shown deficiency
- High soil pH
- Soils with high organic matter/receive regular manure applications
- Sandy soils
- Cold/Wet soils

Early season nutrient roles within plants

- Phosphate - Key for root and shoot development.
- Manganese- Essential for chlorophyll synthesis and lignin production.
- Copper - Lignin synthesis and plant respiration.
- Zinc - responsible for the utilisation of auxins which regulate plant growth and helps with disease tolerance.

New Manganese Solution

New Manganese Solution is in the form manganese nitrate which is the most soluble form of manganese for plant uptake.

Treating seed with manganese is the most effective way to eliminate cereals from early season deficiency to aid plant emergence and crop establishment. It also gives flexibility for foliar autumn application timings if field conditions are challenging.



KICK-OFF PLUS

UNLEASH YOUR SEED'S FULL SPEED

Kick-Off Plus seed treatment for an impressive yield conversion



Independent trials ('21-'23) demonstrated yield increases of +6%

For every £1 spent on Kick-Off the farmer receives £11
(*based on Nov '23 prices)

Boosts root biomass and stress tolerance for a healthier plant saving input costs

8 key nutrients including phosphites + manganese + zinc + 19 amino acids

 **Fielder**

Speak to your seed rep for more details or call us on +447912 868389 or visit us at fieldernutrition.com

SEED DRESSINGS

Kick Off Plus – suitable for all cereals, pulses, oilseed rape and maize.

Kick Off Plus Seed Treatment Analysis

- 180g/l – Phosphate/Phosphite
- 80g/l – Manganese
- 16g/l – Zinc
- 20g/l – Nitrogen
- 40g/l – Potassium

Kick Off Plus is a phosphate/phosphite based seed treatment which promotes both root and shoot development to aid plant emergence and establishment. Kick Off is suitable for all soil types and is particularly useful in later drilled situations and where seedbed conditions are challenging.

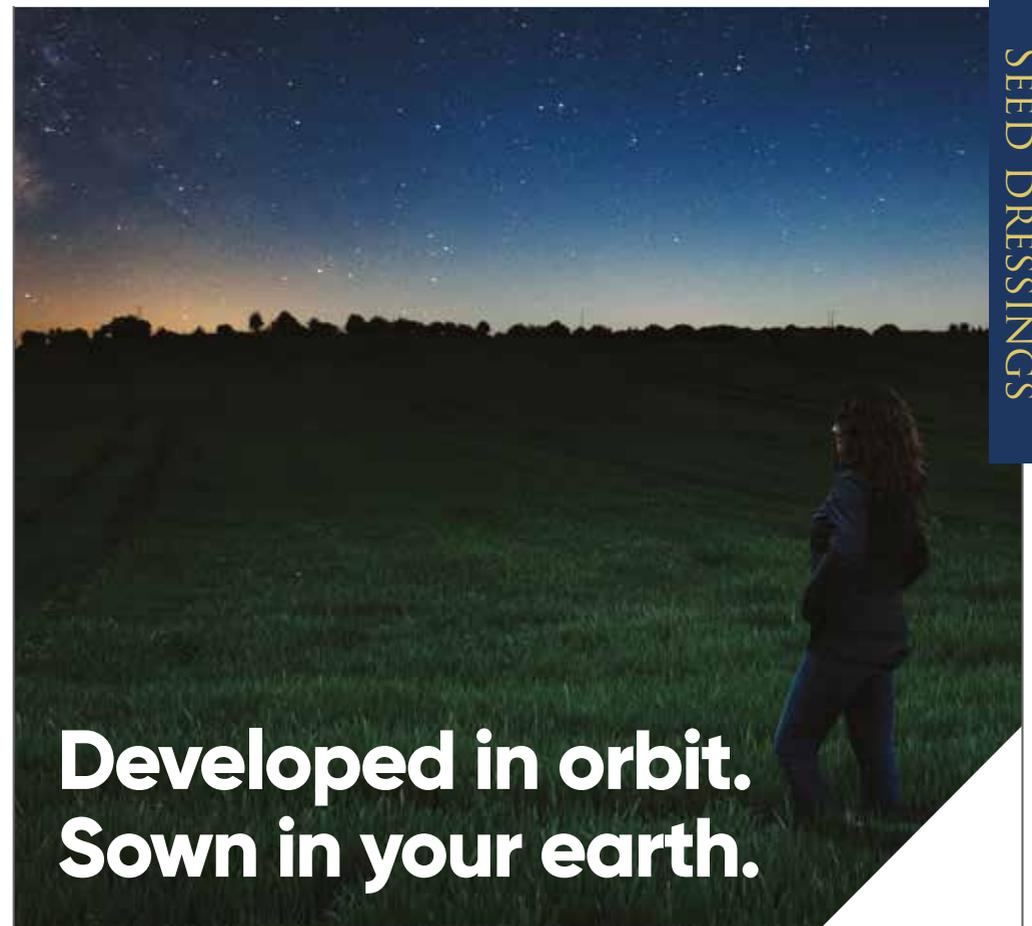
As well as seedbed conditions, soil pH has a big impact on nutrient availability. For example, the Yorkshire Wolds are renowned for their calcareous, chalky soils and naturally have a high soil pH. Subsequently, nutrients such as phosphate, manganese, copper and zinc are easily locked up from plant available forms, even if soil analysis results show adequate indices.

Applying these nutrients to your seed helps to eliminate early season deficiency, enhance plant emergence and build yield potential.

Ympact

- Ympact is a new biostimulant seed treatment for cereals which enhances seedling growth by optimising metabolic processes and abiotic stress tolerance.
- It is made up of a unique complex combining Humic and Fulvic acid with bonded chelated nutrients (Zinc, Manganese and Copper).
- Ympact is designed to improve germination, root development and plant resistance to stress which optimises nutrient uptake and crop yield.
- With weather patterns becoming more unpredictable, treatments like Ympact are a valuable way of aiding plants in early stages of establishment to cope in stressful growing conditions.

Please let us know if you are interested in trying some Ympact this autumn.



Developed in orbit. Sown in your earth.

Ympact[®]

GROWTH NUTRITION SEED TREATMENT

Ympact is a growth nutrition seed treatment for cereal crops, naturally derived and tested in zero gravity to optimise metabolic energy and abiotic stress tolerance, for root and shoot growth that's out of this world.

Empower your fields with science.

For more information about Ympact visit: www.corteva.co.uk/ympact or scan the QR code.



For further information, visit www.corteva.co.uk or call 0800 689 8899.

Use plant protection products safely. Always read the label and product information before use. For warning phrases and symbols refer to label. Ympact[®] contains Fulvic Acid, Humic Acid, trace elements including Copper (0.45%), Manganese (0.74%) and Zinc (1.1%).
[®], [™] Trademarks of Corteva Agriscience and its affiliated companies. © 2025 Corteva.

FERTILISERS

To support your growing crops we sell a full range of fertilisers including:

- Nitrogen and Compounds
- Urea Blends
- NPK Blends
- Straights
- Liquids



USEFUL CONTACTS

Stuart Rowley	07887 754790
Jim Wraith	07739 556345
Georgina Beevers	07807 015729
Tom Batten	07586 679326
Lucy Rowley	07932 646284

Mortimers

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01377 253314 www.jamesmortimer.co.uk

NOTES

NOTES



AGRICULTURAL Laboratory Services

Official DEFRA & Advisory Seed Analysis

- Seed Identification
- Germination – full grow on or rapid tetrazolium viability
- Vigour testing
- Purity
- Thousand grain weight
- Screenings
- Stem Nematode

INDEPENDENT SEED & GRAIN ANALYSIS

Official DEFRA licensed
seed testing station

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Disease Analysis

- Fusarium
- Loose Smut
- Bunt
- Leaf Stripe
- Ascochyta
- Pea Bacterial Blight

Grain Analysis

- Moisture
- Protein
- Hagberg
- Gluten
- Admixture
- Natural Weight
- Oil content
- Nitrogen
- Infestation
- Analysis of borage, Crambe and other oilseeds

Mycotoxin Analysis

- Don, Zon and Ochratoxin tests

www.agriculturallaboratoryservices.co.uk