



United Oilseeds
THE LEADING BREAK CROP SPECIALIST



GROWING BREAK CROPS



Sheltering from a volatile market
with United Oilseeds Pools | Page 7

AUTUMN 2023 EDITION / PRICE £4.50 (NON-MEMBERS)



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CEREALS EXHIBITION

Tuesday 13th and Wednesday 14th June
Thoresby Estate, Nottinghamshire

Once again, United Oilseeds is supporting British farming and farmers by exhibiting at the Cereals Exhibition, which this year is at a new venue, Thoresby Estate in Nottinghamshire.

Please come and see us on our stand (403) and help say goodbye to Chris Baldwin our Managing Director who is retiring after 19 years with the co-operative. It will also be an opportunity to meet Chris's replacement, James Warner. Seed and trading information plus delicious refreshments will also be available.

BASIS points are available for this publication – the details can be found here. Growers who wish to claim the points should email cpd@basis-reg.co.uk with the reference number as well as their membership number, postcode and date of birth.

ROYAL HIGHLAND SHOW

Drinks Reception: 3.30–5.30pm
Thursday 22nd June, Ingliston, Edinburgh

If you can't make it to Cereals, then please come and see us between 3.30 and 5.30pm in the Presidents Marquee on the first day of the Highland Show at Ingliston, Edinburgh.

Chris Baldwin and James Warner will be present along with our Board, Northern Area Managers and Trading Team.

If you would like to attend please RSVP:
PaulB@unitedoilseeds.co.uk by 16th June.

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Welcome from the Chairman

Welcome to the 2023 edition of Growing Break Crops. Inside you will find an update on the market, our pools performance and our leading seed varieties, plus much else besides.

Many of our co-operative's members and customers are aware that United Oilseeds Managing Director, Chris Baldwin has announced his retirement at the end of August, following a hugely successful 45-year career in agriculture. Chris joined United Oilseeds in 2004 and his contribution to driving the success of your co-operative is immeasurable. Since Chris became managing director in 2004, the company has experienced huge growth and success to become one of the UK's most respected agricultural co-operatives and the market authority on oilseed rape. We currently have a 30% share of the UK OSR seed market and trade 34% of the UK's annual

rapeseed crop. In financial terms, the co-operative has grown to have a current net worth of £15.3 million and, over the last decade, has paid over £4 million in profit share to trading members. Chris's personal drive and commercial expertise has been a central factor in this success. I would like to thank him for his dedicated commitment and hard work and wish him the very best for his well-deserved retirement on behalf of our co-operative's Board, staff and members.

I would also like to extend a warm welcome to James Warner, who has been appointed as our new Managing Director and joins us from a managerial role at ADM. Please see page 5 for more details.



Troy Stuart
Chairman

Managing Director's View

After 19 years with United Oilseeds, this is my last column as Managing Director of your co-operative, before I retire at the end of August. I would like to take this opportunity to say it has been an honour and a privilege to be managing director of this superb company and to thank our members, board, staff and suppliers (past and present) for their loyalty, hard work and support over the last two decades.

United Oilseeds' core role as a farmer owned cooperative is to improve the profitability of its members' businesses. Over the last 16 years, it has paid over £5.5 million to trading members in profit share and has grown to have a net worth of over £15.3 million and a turnover of £173 million.

When I joined the co-operative in 2004, United Oilseeds was a little-known, introverted company that tended to hide its light under a bushell. It had a turnover of £348,000 and net worth of just £1.2 million. Your co-operative now sells 30% of the UK's certified oilseed rapeseed market, trades 34% of the UK's OSR crop and has become the recognised industry specialist and authority on oilseed rape. Trading in other commodities

has risen from 7,490 tonnes to 106,155 tonnes a year.

In addition, we have led the way in identifying new market opportunities for our members such as HOLL and HEAR OSR and Countryside Stewardship. With only 29 staff, we have become something of an agile "Pocket Battleship," able to turn on a sixpence to target new opportunities, whilst our competitors' huge ocean liners slowly take time to change direction and compete with United Oilseeds.

Surrounded by multi-nationals and ever increasing industry rationalisation, our members have increased their loyalty to our independent co-operative and value its outstanding service, excellent pool prices and member benefits.

Your co-operative is in very good shape indeed and I wish my successor and all of you, continued success, profitability and good health.



Chris Baldwin
Managing Director



United Oilseeds Pool & Aurelia Delivers Outstanding Results for Farmers

Cheshire Farmer Pairs Top Variety with United Oilseeds Harvest Pool.

Oilseed rape has always been a successful crop for farmer Richard Reeves, who has grown it for over 40 years on the land he farms in North East Cheshire.

Last year, marketing his crop of Aurelia OSR through the United Oilseeds 2022 Harvest Pool, Richard achieved an outstanding return of £675.33 per tonne for his rape.

Quality bonuses for his Aurelia crop oil content, moisture and admixture amounted to an extra £95.31 per tonne which, when coupled with the Harvest Pool's base price of £580.02, gave a grand total of over £675 per tonne.

Richard's Aurelia crop yielded an impressive 5.0 tonnes per hectare and delivered an outstandingly high oil content of 48.9 per cent.

"This is obviously an outstanding return, especially when you consider the volatile nature of the market in which it was achieved. We do sell some of our OSR spot, but I usually place half our crop in the Harvest Pool, as I like the way it helps to iron-out volatility – and that someone else is managing the risk for me!"



Richard Reeves on his Cheshire farm.

Pairing a good OSR variety with a marketing pool can be a very effective way of achieving a crop return that can result in a better price than the market average.

Richard has grown Aurelia for the last three seasons and points to its reliability and performance as key factors for choosing to grow the variety, plus the fact that it is easy to grow in comparison to some other varieties.

"Aurelia shows good autumn vigour which helps it get up and away. This means it grows away from potential

pest attack. However, flea beetle has never really been a significant problem for us, possibly because there is a relatively low level of OSR concentration in the area."

Richard drills his Aurelia during the middle two weeks of August, which he finds to be the ideal time for his soil and local conditions.

"I don't favour drilling too early, as I have found that mid-August brings the best results. We don't min-till either, we always plough as this seems to help reduce weed problems and create a more even establishment."

"Though we have some club root-infected land on the farm, on which we grow Crome OSR, we drill Aurelia into a section which is free from clubroot. It is a light loam soil that hasn't had much rape on it, perhaps four crops over the last 15 years."

There's generally a good seed bed as our location means we usually get enough rainfall and moisture. Aurelia's pod shatter trait protects against damage from hail or storms and helps to safeguard yield which, for my Aurelia crop last year, averaged five tonnes per hectare.

Richard's Aurelia crop also yielded particularly high oil levels of 48.9% , which helped generate such an impressive quality bonus and made the total return for his crop so impressive.

Richard drilled Aurelia last autumn and has chosen again to put part of his crop in the United Oilseeds Harvest Pool.

The Right OSR Variety and Marketing Pool Delivers £659/tonne for Pembrokeshire Farmer's Crop.



Jason Llewellyn.

By choosing to drill the right oilseed variety and placing his crop in the United Oilseeds Harvest Pool, Pembrokeshire farmer Jason Llewellyn secured a total return of £659.63 per tonne for his OSR.

Jason has put his rapeseed crop in the Harvest pool for the last 10 years, because of its successful track-record and his storage and cash flow requirements.

"The harvest movement of the pool means that our harvested rape generally only stays on farm for a day before it is moved to storage. Receiving part payment 28 days after the crop has been collected and moved helps with our cash flow into the autumn.

Jason's 2022 Aurelia crop yielded very well at 4.6 tonnes per hectare and with better than average quality bonuses. Aurelia is a variety that promises good potential oil and the crop yielded a very impressive 47.3% oil content.

The crop's quality bonuses for oil content, moisture and admixture brought an extra £79.61 per tonne to Jason's crop which when added to the Harvest Pool's final price of £580.02 per tonne, gave him the total £659.63 figure.

"This is a very good return for our OSR crop. The Harvest Pool base price is impressive as was the oil content," says Jason. "We have grown Aurelia for the last three years and we like its consistency. Admittedly, our crop had a good deal of sunshine last year which helped with the oils but it is a good variety to grow," he continued.

"We aim to drill over the August Bank Holiday and at a seed rate of 50-75 seeds per square metre, though we might increase this rate over any patches of poor soil. We min-till using a six inch low disturbance leg and always try to drill into a 9 – 12 inch wheat stubble to try and reduce cabbage stem flea beetle." Jason is growing Aurelia again for harvest 2023.

James Warner

United Oilseeds is delighted to introduce and welcome James Warner as the new Managing Director of our farmers' co-operative.



James has been working alongside Chris in a handover period, until Chris retires officially on the 1st of September.

He has over 20 years' experience in the agricultural sector and joined us from ADM Agriculture, where he was responsible for the imported Sunflowerseed Meal and Rapeseed Meal business in the UK and French markets.

Before this, James worked for five years in Switzerland for ADM International Sarl, first as a Trade Manager for Rapeseed Oil and then as a Risk Manager for EMEA gas, power and carbon credits, trading futures, options and OTC derivatives. Prior to his time in Switzerland, James worked at ADM Erith as Rapeseed Crush Trader.

James also worked as a grains and oilseeds Market Analyst with the International Grains Council in the UK. Before this, he worked for seven years in mobile seed processing with Anglia Grain Services.

James has an Economics Degree and Management MSc from the University of Sheffield and an Advanced Diploma in Management from the Chartered Institute of Management. He is married with two children and his leisure interests include playing golf (poorly), village cricket and following rugby.

Speaking about his appointment as Managing Director, James said: "Having joined United Oilseeds in April, I have already experienced first hand the professionalism and dedication of our Head Office team and regional Area Managers. Their commitment to providing members and customers with the highest levels of service is driven by company-wide expertise and enthusiasm. I look forward to meeting our members and suppliers personally and continuing to build long-term relationships for the benefit of our farmers' co-operative."

Oversupply of Rapeoil having a Negative Effect on the Market

Rapeseed prices have been a roller coaster ride this season with prices peaking pre-harvest as a reaction to the Ukraine/Russia conflict.



By Owen Cligg
Trading Manager,
United Oilseeds

Good demand remained for rapeseed through the harvest period as uncertainties on supply from Ukraine continued. However, the opening of the Black Sea corridor and a flow of rapeseed from Ukraine by other routes such as lorry and shipping via canal through to Romania, facilitated most of the Ukrainian OSR crop to be shipped by January. Combined with this, a record oilseed rape crop from Australia at around 8 million tonnes has meant that total imports into the EU had already met in excess of 5 million tonnes by the end of February. Although crushing volumes have increased, this has meant extra rape meal and rape oil has been produced.

The rape meal has found a ready market due to a lower than expected US soya crop, and the historic drought in Argentina keeping world soya meal prices relatively high. However, the rapeoil has been struggling to find demand and this caused rapeoil and rapeseed prices to fall. At the time of writing prices fell to be below £400/tonne, well below the pre-Ukraine/Russia conflict levels.

Forward Prospects

Many growers are now worried that prices below £400/tonne do not necessarily meet the cost of production. However, there are prospects of EU rapeoil going to China which helps remove some of the oversupply issues. There are also likely to be some issues with the weather going forward, either drought or too much rain, which should provide selling opportunities at better levels.

Demand for biodiesel has been questioned in the EU due to the proposed phasing out of crop based biofuels by 2030. However, our opinion is that this demand should remain in the near term as the industry is still well established and other biofuels from used cooking oils are not necessarily available in large enough quantities. There is also a significant move away from soya and palm oil derived biofuels which should keep demand for rape methyl ester reasonably buoyant.

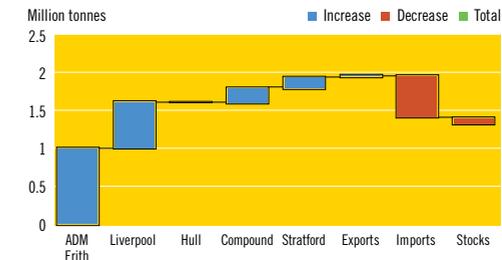
With regards to biodiesel outside of the EU, demand remains robust as mandates are being increased in Brazil for soya methyl ester and in Indonesia for palm methyl ester. Also,

demand for both soyoil and Canadian rapeoil are both improved in the US due to the latest energy directive encouraging crop based biofuels.

Within the UK the supply and demand picture for rapeseed will remain very tight for the coming harvest. The main crushing plant at Erith is

still likely to crush up to 1.0 million tonnes for the coming season, however, with the Cargill plant at Hull now closed, demand will be reduced to below 2.0 million tonnes. Some losses of production are likely due to larvae, and frost damage which will take the harvested area below 400,000 hectares. On this basis we are expecting a crop of around 1.3 million tonnes which depending on the carryover from the current season could necessitate imports of around 0.5 million tonnes.

UK Demand 2023/24



Pool Marketing

This season price volatility has made marketing of all crops a difficult challenge. You can shelter from market volatility by marketing your crop through United Oilseeds Marketing Pools.

United Oilseeds pools remain an effective way of taking the stress out of marketing your own oilseed rape. Also, our management of haulage and mill bookings mean our pool growers can rely on an efficient service. Plus our large network of over 50 stores allows us to move rapeseed quickly and efficiently at harvest. This will again be particularly important for this harvest as the export market will be uncompetitive.

United Oilseeds Harvest Pool 2022 – England



Base Price	£580.02*
Average 11.27% Quality Bonus for the United Oilseeds Harvest Pool	£65.36
Total Price	£645.38

Vegetable Oil Rises



Choice of Pool Movement Period

There are three pools and movement periods to suit all members' individual requirements:

Harvest Pool

Movement July to September. Generally moved within 5 days of a customer's request.

Long Pool

Movement October to March in a month to suit a grower's storage and cash flow.

Carte Blanche Pool

Movement at Buyer's Call, but generally between April and June. The Carte Blanche Pool also attracts a £4.00/tonne additional premium.

HOLL Pools

- Harvest, Long & Carte Blanche pools available
- Added premium for HOLL over and above 00 varieties
- Market outlets for domestic and export use covering the whole of the UK
- Storage solutions throughout the UK

HEAR Pools

- Harvest, Long & Carte Blanche pools available
- Added premium for HEAR over and above 00 varieties
- Market outlets for export use covering the whole of the UK
- Storage and drying solutions throughout the UK

New Store for United Oilseeds: Gloag & Sons



Andrew and Charley Gloag.

United Oilseeds is pleased to announce that our growers will be able to store their oilseed rape at Gloag & Sons in Stokesley, North Yorkshire, for Harvest 2023. This will be particularly welcome news for growers in the area in light of the recent closure of the Cargill crushing plant in nearby Hull.

Gloag & Sons store offers its own modern grain storage and drying facilities at Parish Crayke, Stokesley. It has the capacity to hold over 10,000 tonnes of grain, of which 3,750 tonnes is now allocated to oilseed rape. The store is supported by its own fleet of bulk haulage wagons and a TASC accredited public weighbridge.

Farmers can have their crop collected from farm by Gloag & Sons or alternatively tractor and trailer their crop to the store themselves.

The Gloag family started farming at Stokesley over 100 years ago and since then has evolved into a contract farming operation producing combinable crops from 4,000 acres of land. Still owned by the Gloag family today, the company is run by Andrew Gloag and his son, Charley.

“Four generations of our family have farmed here for over a century and our business is driven by

passion and a long legacy of expertise,” says Andrew Gloag.

“We pride ourselves on building trusted relationships with our farming partners and ensure that we embrace and offer the latest technologies to our customers,” he continues.

“We are delighted to be working with the United Oilseeds farmers’ co-operative as it is a business with which we share a common ethos and outlook. We look forward to building on our new relationship and welcoming United Oilseeds growers at our store.”

Chris Baldwin, Managing Director of United Oilseeds said: “We are always looking for new ways and opportunities to improve the service we provide to our members and customers and are delighted to be able to offer Gloag & Sons’ outstanding facilities as a new storage option for our growers.”



United Oilseeds Stores

United Oilseeds has an extensive network of stores throughout the United Kingdom.



1	West Ancroft TD15 2TD
2	A&M Turney Henley in Arden B95 6JH
3	Albanwise Ltd Beverley HU17 9SL
4	Beelsby Farming Company Beelsby DN37 0TN
5	Brafferton Manor Farmers York YO61 2QB
6	Clarksons Port Services Ipswich IP3 0BS
7	Coastal Grains Ltd Belford NE70 7DT
8	Crosby House Farm & Plant Hire Ltd Maryport CA15 6RG
9	Dawson Farms Ltd Northallerton DL6 3ES
10	Edwin Taylor & Son Consett DH8 9BL
11	Ellingham Grain Ltd (inc. Ellingham Grain Store) Bungay NR35 2ER
12	FF Storage Ltd Elsham DN20 0NX
13	Fieldfare Farmers Ltd Whitchurch SY13 4NP
14	Fisherton Manor Farm Warminster BA12 0PU
15	GW Topham & Son (inc. GWT Farms Ltd) Etlisley PE19 6TR
16	Gloag & Sons Stokesley TS9 5LB
17	Highland Grain Inverness IV1 3UD
18	HLW Farms Market Drayton TF9 2PG
19	F Hobman & Sons Goole DN14 0TD
20	Holt Store Ashford TN25 6DH
19	J&B Gray Rugby CV23 0QN
21	JB Sands Ltd Stafford ST19 9BH
22	JRW Murphy Peterhead AB42 0LX
23	Juxon Ltd Woodstock OX20 1BH
24	LD Griffiths Ltd Tonbridge TN11 0AG
25	LF Pearce & Son Aylesbury HP18 9QQ
26	MP Hues & Sons Poulshot SN10 1RQ
27	MC Stennett & Sons Ltd Ingham IP31 1NQ
28	Middle Caves Limited Richmond DL11 7RP
29	Moxon Farms Ltd Pontefract WF9 4PQ
30	N Hues & Sons Beckhampton SN8 1QJ
31	Port of Dundee (Grainfax) Dundee DD1 3LU
32	Rix Shipping (Scotland) Ltd Montrose DD10 8DS
33	RN Padfield & Sons Ltd Corse GL19 3NY
34	SW Attwood & Partners Sheerness ME12 3SU
35	Sharnbrook Grain Storage & Warehousing Ltd Pavenham MK43 7NU
36	Steve Benson Farming Ltd Wroughton SN4 0ST
37	Trinity Grain Ltd (Membury) Membury RG17 7TJ
38	Trinity Grain Ltd (Shrewton) Shrewton SP3 4DS
39	Union Grain Storage (Lincolnshire) Ltd Skegness PE24 5JA
40	Walkers of Fridaythorpe Pocklington YO42 1NR
41	Welland Grain Leicester LE7 9DE
42	Whitehill Storage Company Turriff AB53 6UH
43	Woldgrain Storage Ltd Hemswell DN21 5TJ

- OSR Store
- HOLL Store
- HEAR Store



HOLL

High Oleic Low Linolenic rapeseed is an important speciality crop grown for the HOLL oil which can be used in food production processes.

The main competitor to HOLL rapeoil is HOLL sunflower oil, but supply concerns due to production in Ukraine have made buyers nervous of a continuity of supply. Also many Northern European oil crushers prefer HOLL rapeoil due to its more local production.

United Oilseeds offer forward contracts with a premium over the standard oilseed price. Our contracts move HOLL rapeseed on blue passports and quality is tested for oil profile before movement to ensure the correct segregation against other types of oilseed rape.

Marketing options include, pool or fixed price, and movement at harvest or buyers call to meet crush or boat.

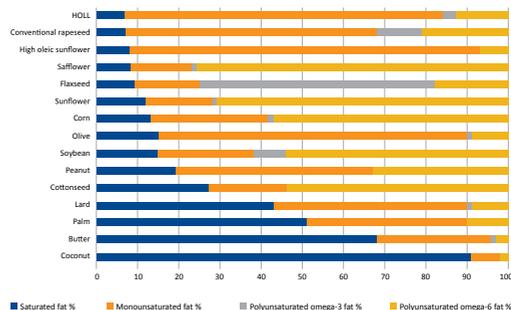
With the move away in Europe from crop based biofuels, HOLL will be an important market in the future.

V3670L Holl variety

United Oilseeds is offering the Dekalb V3670L variety to growers this season.

V3670L is the leading HOLL variety with a high gross output and good autumn vigour. It has good all round disease resistance including Pod Shatter Resistance. Please ask your local Area Manager for more details.

Comparison of fatty acid composition of dietary fats (%)



Sectors using HOLL oil

Segments	MS
Food services (HORECA)	34%
Savoury snacks	31%
Biscuit & bakery	11%
Ind frying	10%
Bottled oil	7.5%
Baby food	2%
Mayo & dressing	1%
Non food	3%

FAT&Associés 2018



HEAR

United Oilseeds is developing an exciting opportunity with a European partner to provide High Erucic Acid Rapeseed to be crushed for many innovative uses.

These include the use of HEAR rapeseed oil as an ingredient for commercial fish food and as an additive for candle manufacture.

We see this as a growth market which as with HOLL will be an important outlet for oilseed rape once biofuel demand potentially reduces.

We offer forward contracts with a premium over the conventional rapeseed price. Movement is either harvest or buyers call to meet vessel. The rapeseed is moved on a red passport so it cannot be confused with other types of oilseed rape.

The minimum erucic oil level required is 45.0%, which is easily obtainable using current HEAR varieties. Our preferred variety is Resort which is the only current HEAR variety on the AHDB Recommended List.

Those growers who struggle to meet the current max 2.0% erucic acid tolerance in conventional rapeseed may find this contract a useful option to avoid erucic acid deductions and rejections.

Resort – Our preferred HEAR variety and the only HEAR variety on the AHDB Recommended List

Resort is a high erucic acid rape (HEAR) restored hybrid variety intended for specialist use in industrial processes and is a UK Described variety on the AHDB List (DL) in 2023/24.

Key Strengths

- Specialist use variety
- Good stem stiffness
- Resistant to lodging



Agronomic Features		Gross Output	
Stem Stiffness	8	Yield adjusted	89%
Lodging Resistance	8	for oil content	
Shortness of Stem	6	Oil Content	
Earliness of Flowering	7	Disease Resistance	
Earliness of Maturity	5	Light Leaf Spot	5
		Stem Canker	5

Data from the AHDB Oilseed Rape Recommended List 2023/24.



Below: Commercial Salmon farm.



Cultivation after Harvest – CSFB Reduction

NIAB have continued work on a Defra funded CSFB project with the focus over the last year on looking at the lifecycle. This project has tried to involve as many growers and agronomists as possible, with the aim of coordinating what we all see in the wider landscape in the hope that we can understand the situation better.

A shift in the emergence pattern

It became clear in the first year of the project that what we read about the lifecycle in historic literature appeared to differ from what we saw in the field, suggesting that there may have been a shift in the emergence pattern in recent years. To this end, we deployed newly made emergence traps (see below) into oilseed rape stubbles straight after combining to look at the timing of the adults emerging from the soil. The literature states that they all emerge before harvest, but if they are still in the soil after harvest, they may well still be pupae and therefore at a vulnerable stage.

The traps were positioned around the country and monitored through the latter part of the summer



By Colin Peters
Break Crop Specialist, NIAB

into the autumn of 2022. Although the numbers varied across regions, the emergence from the soil into the traps showed a similar pattern of the adults appearing through August and well into October with the peak often in September.

A significant reduction

So, this does raise the question as to whether we can influence the emergence, as there may be a vulnerable stage where we have access to the soil after harvest. On two sites in Cambridgeshire where we expected very high numbers of flea beetles, we placed emergence traps on the stubble after combining and also cultivated some areas which we also trapped. The results showed a significant reduction in adult numbers after a light cultivation.

More work is required to fully understand what is happening, so during 2023, NIAB will be carrying out intensive studies above and below ground to fully understand the life-cycle stages and how this may help us reduce the population.



Left: Emergence traps that collect adult CSFB as they emerge from the soil.



Stem Health brings Yield Security to UK Oilseed Rape Crops

Stem Health offers measurable and tangible levels of stem-based disease resistances to help oilseed rape varieties maintain green healthy stems for longer – enabling the crop to reach its full genetic yield potential.



By Liam Wilkinson
OSR Product Manager,
Limagrain

Launched on the back of our well-established and very successful trait-loaded hybrid breeding programme, this attribute covers the three main stem-based diseases of OSR – Phoma, *Cylindrosporium* (Light Leaf Spot) and *Verticillium*. For a Limagrain variety to hold the Stem Health tag it has to offer high levels of disease resistance to all three diseases – one single weakness leads to exclusion from the Stem Health list, or the right to carry the Stem Health claim.

Higher yields and content

Stem health is generally an area that is often overlooked but can have a serious impact on gross output. But by having healthy green stems longer into the growing season we often see higher yields and oil content; which is what we saw last harvest. Crops ripened naturally due to the higher temperatures, those varieties with cleaner stems benefited from the plants ability

to more efficiently translocate nitrogen and water from the stems and leaves into the seed.

We recognise that the best way to mitigate the risk to on-farm performance from these diseases, is through improved genetics, therefore Stem Health has been a key focus for the Limagrain European breeding programme.

With three breeding stations across Europe, and collaboration with national institutes and universities, Limagrain has been able to test and evaluate material across different disease pressures, which has resulted in a big improvement of our germplasm over the last few years.

Newly recommended variety Attica is one of the first varieties in the LG breeding programme to offer Stem Health, adding to an already trait-loaded offering, and this is reflected in its consistently high gross output of 107%.





Break Crop Update 2023



Oats

Milling oat prices have fallen alongside feed wheat prices, with demand looking patchy in the short term. Millers are now well covered, with a good quality crop of oats in 2022 and high prices incentivising farmers selling before Christmas. Although domestic production and milling demand have both fallen this season, the opening of a new oat milk plant in Eastern England later this year should spur an increase in buying demand, and provide growers with an alternative location for good quality oats.

Beans

Container freight inflation, lack of access to foreign exchange in the Middle East and North Africa, and a record Australian crop meant the human consumption bean trade was thin this season. Meanwhile, high feed prices meant domestic buyers switched beans in and out of their rations quite aggressively. Export interest for feed beans also came under pressure due to certification requirements by some buyers. United Oilseeds offers contracts at a premium over wheat futures, allowing growers to manage their risk and exploit market volatility, with contract uplifts available for those samples which make human consumption grade.

Peas

Demand for peas has been consistent throughout the season, with human consumption and pet food homes paying premiums for samples meeting their requirements. Harvest dryness caused some growers issues with splits, soaking, and cooking. Growers continue to struggle in the absence of several key seed dressings, yet pea demand remains high, with generous contract prices and quality allowances reflecting this. However, high prices do risk demand destruction and so United Oilseeds would recommend contracting some of your area to ensure a guaranteed outlet for your crop, especially if harvest movement is required.

Linseed

Linseed prices have followed global oilseed markets in tracking downwards throughout the season; although linseed remains at a premium to OSR. Eastern Europe harvested large crops, meaning European buyers had little incentive to pay premiums for UK material. Domestic buyers bought aggressively at the beginning of the season with early sellers reaping the rewards. There now looks to be little business to do in nearby months. United Oilseeds' 50/50 contracts remain a popular hedge against what can be a fickle spot market.



By Charles Newton
Assistant Commodity
Trader, United Oilseeds

For any further enquiries please contact Charles Newton on 01380 732316.

Aurelia – The UK's No.1 OSR Seed Variety

Aurelia is the UK's star performer. Since its first listing in 2020, it has become the UK's top selling OSR variety – and with good reason. Aurelia is a fully-loaded hybrid with high autumn vigour and robust disease resistance.



Suitable for all regions of the UK, Aurelia boasts a gross output of 105% in the East/West and 104% in the North and it has 44.9% oil content.

Key agronomic traits include resistance to Pod Shatter, RLM7 and TuYV. Its solid ratings for Light Leaf Spot and Stem Canker are "7" and "6" respectively. It is durable and stands well at harvest with an "8" rating for both Stem Stiffness and Lodging Resistance.

Perhaps most significant, Aurelia is a proven performer on farm, consistently delivering big yields, good oils and healthy crops.

Key Strengths

- Exceptional autumn and spring vigour
- Solid disease resistance
- Highest yielding variety across all regions of the UK
- Fully loaded hybrid with RLM7, POSH, TuYV



Gross Output

United Kingdom	105%
East/West Region	105%
North Region	104%

Agronomic Features

Oil Content*	44.9%
Stem Stiffness	8
Lodging Resistance	8
Shortness of Stem	6
Earliness of Flowering	7
Earliness of Maturity	5
Plant Height (cm)	145

Disease Resistance

Light Leaf Spot	7
Stem Canker	6
TuYV Resistance	R
Pod Shatter Resistance	R

* @ 9% Moisture
Data from the AHDB Oilseed Rape Recommended List 2023/24. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

Acacia – The UK’s Conventional Market Leader



Acacia is the UK’s most popular conventional variety and has been the dominant market leader on the Recommended List since its listing in 2020.

With a wide sowing window, a good disease resistance profile and a high oil content of 45%, Acacia offers growers a flexible and reliable high-yielding alternative to the hybrid varieties.

Like its hybrid stablemate Aurelia, Acacia has an outstanding track record on farm and has proven itself in all regions of the UK. It is particularly appreciated for its autumn vigour and spring growth.

A robust plant type with good straw strength, its AHDB Stem Stiffness rating is a maximum “9” score with Lodging Resistance rated at “8”.

Growers looking for a conventional variety this autumn will be making the wisest choice by selecting Acacia.

Key Strengths

- The UKs market leading conventional variety
- Robust plant type with good straw strength
- Wide sowing window
- Solid disease resistance profile
- Proven on farm performance across a number of years



Gross Output

United Kingdom	101%
East/West Region	101%
North Region	101%

Agronomic Features

Oil Content*	45.0%
Stem Stiffness	9
Lodging Resistance	8
Shortness of Stem	7
Earliness of Flowering	6
Earliness of Maturity	5
Plant Height (cm)	141

Disease Resistance

Light Leaf Spot	6
Stem Canker	6
TuYV Resistance	–
Pod Shatter Resistance	–

* @ 9% Moisture
Data from the AHDB Oilseed Rape Recommended List 2023/24. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

Annika



This TuYV resistant conventional variety is suited to the earlier drilling slot with a strong disease resistance profile.

Annika was a newly UK recommended conventional variety last year and as well as high and consistent yields across regions it boasts the crucial TuYV resistance trait. Annika has a very strong disease resistance profile; (6 Phoma and 7 Light Leaf Spot) this combined with TuYV resistance, and a slightly later maturity means it is ideally suited to that early drilling scenario.

Key Strengths

- TuYV resistant conventional variety
- Very strong disease resistance
- Very well suited to earlier drilling
- Shorter plant with excellent stem stiffness
- High yield potential across all regions

Technical Information

Gross Output %	ANNIKA	AMARONE	ASPIRE
United Kingdom	101	99	98
East/West Region	101	98	98
North Region	101	102	99
Agronomic Features			
Lodging Resistance	8	8	8
Stem Stiffness	9	8	9
Plant Height (cm)	143	138	136
Earliness of Flowering	6	7	7
Earliness of Maturity	4	5	5
Pod Shatter Resistance	–	–	–
Oil Content % (@ 9% Moisture)	45	44.8	45.2
Disease Resistance			
Light Leaf Spot	7	7	7
Stem Canker	6	6	6

Data from the AHDB Oilseed Rape Recommended List 2023/24. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).



Attica – Fully Loaded Hybrid



Attica is a newly recommended variety from Limagrain and has the joint highest gross output of any variety on the Recommended List at 107% in both the North and East/West regions of the UK.

Attica offers very high oil content at 45.3% making it an ideal variety for growers looking to maximise quality bonuses.

Another fully loaded variety, Attica's disease resistance package is strong with both RLM7 and TuYV Resistance, plus Pod Shatter Resistance. Both its Light Leaf Spot and Stem Canker resistance are highly rated with "7" scores.

Of particular note, Attica is one of Limagrain's top "Stem Health" varieties. This means it offers higher resistance to Phoma/Stem Canker, Cylindrosporium (Light Leaf Spot) and Verticillium Wilt. Limagrain's Stem Health helps to maintain green, healthy plant stems enabling the crop to reach its genetic yield potential.

With very high autumn vigour, Attica establishes quickly and grows away from potential pest attack. Like Aurelia, it has twin "8" ratings for Stem Stiffness and Lodging Resistance making it strong and durable.

Key Strengths

- Newly recommended
- Highest yielding Limagrain variety
- Reliable performance across regions
- Fully loaded hybrid with RLMY, POSH, TuYV
- Excellent resistance to Phoma, Stem Canker, Light Leaf Spot & Verticillium Wilt
- Testing shows consistently high performance



Gross Output	
United Kingdom	107%
East/West Region	107%
North Region	107%
Agronomic Features	
Oil Content*	45.3%
Stem Stiffness	8
Lodging Resistance	(8)
Shortness of Stem	6
Earliness of Flowering	7
Earliness of Maturity	5
Plant Height (cm)	149
Disease Resistance	
Light Leaf Spot	7
Stem Canker	7
TuYV Resistance	R
Pod Shatter Resistance	R

* @ 9% Moisture. Data from the AHDB Oilseed Rape Recommended List 2023/24.



Sowing Window



Red bar: Recommended Sowing Period
Grey bar: Potential Sowing Period depending on seasonal conditions

Attica is a newly recommended fully loaded hybrid with full UK recommendation. It joins the recommended list as the highest yielding variety to combine stable high yields with the genetic security of TuYV and pod shatter resistance. Attica has a strong autumn growth habit offering growers a wide drilling window and offers a very good disease resistance package.

Granos

The consistent performer all over the UK. Available now for delivery onto farm!

KWS Granos is a very high gross output (105% of controls) hybrid variety with an oil content of 45.5% and offers vigorous autumn growth plus excellent standing. It has medium flowering and maturity and has the pod shatter gene.

KWS Granos also offers a strong disease package with good resistance to Light Leaf Spot (7) and TuYV. Trials have shown KWS Granos has outstanding tolerance to Verticillium Stem Stripe, performing better than all the current standards.

Key Strengths

- Very high gross output
- Resistance to Pod Shatter and TuYV
- Robust Light Leaf Spot

Gross Output	
United Kingdom	105%
East/West Region	105%
North Region	(101%)
Agronomic Features	
Oil Content*	45.5%
Stem Stiffness	8
Lodging Resistance	(8)
Shortness of Stem	6
Earliness of Flowering	7
Earliness of Maturity	6
Plant Height (cm)	152
Disease Resistance	
Light Leaf Spot	7
Stem Canker	5
TuYV Resistance	R
Pod Shatter Resistance	R
Verticillium Stem Stripe	5

* @ 9% Moisture. Data from the AHDB Oilseed Rape Recommended List 2023/24. Internal scoring (out of 5) for Verticillium Stem Stripe.



High Yields every time



Exclusively marketed by:
United Oilseeds
 THE LEADING BREAK CROP SPECIALIST



Vegas

Vegas is very high yielding with exceptional RlmS Phoma resistance. It has very good Light Leaf Spot scores, mid maturity and is very vigorous – particularly in the spring.

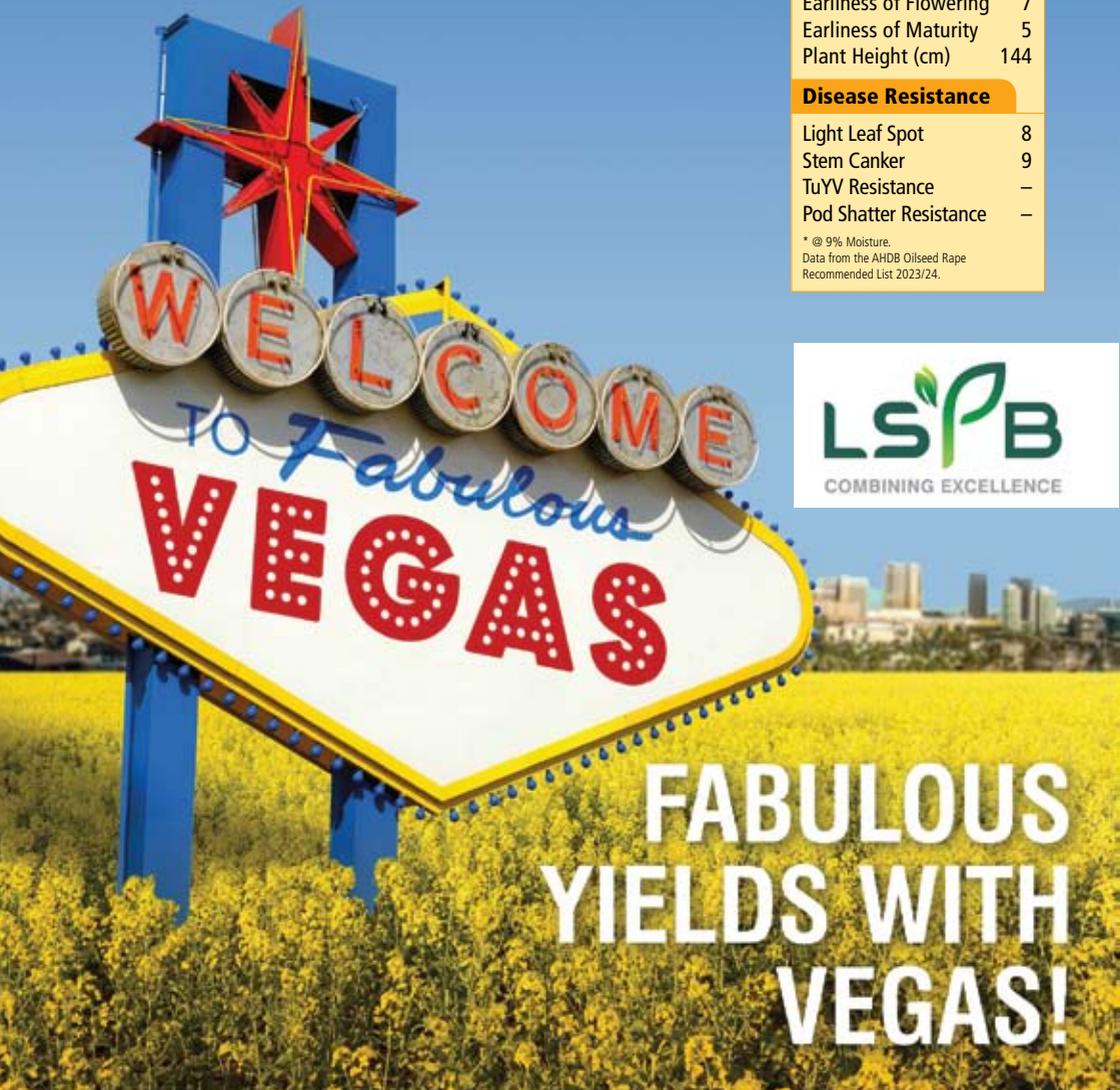
Key Strengths

- Very high yielding
- Exceptional RlmS Phoma resistance
- Very good Light Leaf Spot resistance



Gross Output	
United Kingdom	105%
Agronomic Features	
Oil Content*	45.3%
Stem Stiffness	8
Lodging Resistance	(8)
Shortness of Stem	6
Earliness of Flowering	7
Earliness of Maturity	5
Plant Height (cm)	144
Disease Resistance	
Light Leaf Spot	8
Stem Canker	9
TuYV Resistance	–
Pod Shatter Resistance	–

* @ 9% Moisture. Data from the AHDB Oilseed Rape Recommended List 2023/24.



FABULOUS YIELDS WITH VEGAS!



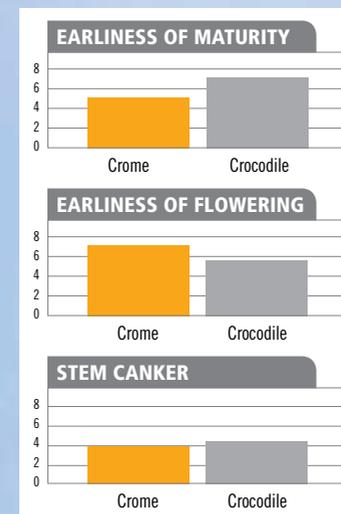
Crome

Crome is a restored hybrid with a Specific Recommendation (Sp) by AHDB for the UK in 2023/24 for growing on land infected with common strains of clubroot.

It has a high gross output, is early maturing with a high yield, good stem stiffness and resistance to lodging.

Key Strengths

- High seed yield combined with high oil content
- Good stem stiffness and outstanding vigour
- Resistant to lodging



Gross Output	
United Kingdom	97%
Agronomic Features	
Oil Content*	45.7%
Stem Stiffness	8
Lodging Resistance	8
Shortness of Stem	6
Earliness of Flowering	7
Earliness of Maturity	5
Disease Resistance	
Light Leaf Spot	6
Stem Canker	4
TuYV Resistance	–
Pod Shatter Resistance	–

* @ 9% Moisture. Data from the AHDB Oilseed Rape Recommended List 2023/24.



Duplo

DUPLO is our breeders pick for growing in all conditions. Features of particular note are its outstanding autumn vigour and DSV triple-layer protection of Turnip Yellow Virus (TuYV) Resistance, Pod Shatter Resistance, and RLM7+ multigene resistance to Phoma, Stem Canker. **DUPLO** is part of the next generation of DSV varieties, which offer unique three-way disease protection and thus stability of accompanying yields.

Developed as a direct result of the Neonicotinoid ban and the need to move towards less intensive and more environmentally friendly production methods, DSV Triple Layered oilseed rape takes as much of the guesswork out of growing the crop as possible.

Key Strengths

- Breeders pick for growing in all conditions
- Outstanding autumn vigour
- DSV triple-layer protection of Turnip Yellow Virus (TuYV) resistance



Gross Output	
United Kingdom	101%
East/West Region	102%
North Region	96%
Agronomic Features	
Oil Content*	46.8%
Stem Stiffness	8
Lodging Resistance	8
Earliness of Flowering	7
Earliness of Maturity	5
Disease Resistance	
Light Leaf Spot	6
Stem Canker	9
TuYV Resistance	R
Pod Shatter Resistance	R

* @ 9% Moisture. OSR varieties grown in RL trials 2021, not added to the AHDB Recommended List.

Dart

DART is the first of the DSV varieties to carry the new Harvest Max protection traits, giving maximum protection against harvest challenges. **DART** offers our longest and largest pods, that we have bred to date, with new pod technology inbuilt, ensuring maximum seed retention during harvesting.

In addition, **DART** has a prostrate growth habit which quickly produces considerable weed-inhibiting ground cover. This feature also means **DART** is unlikely to need an autumn PGR. Although ideally drilled in the optimum autumn window, **DART**'s considerable vigour means it can safely be later drilled if weather conditions dictate this.

Key Strengths

- High yielding
- On the 2023/24 Recommended List for the East and West regions
- RLM7+ and multi-gene resistance to Stem Canker



Gross Output	
United Kingdom	102%
East/West Region	103%
North Region	95%
Agronomic Features	
Oil Content*	45.2%
Stem Stiffness	8
Lodging Resistance	8
Earliness of Flowering	7
Earliness of Maturity	5
Disease Resistance	
Light Leaf Spot	7
Stem Canker	6
TuYV Resistance	R

* @ 9% Moisture. Data from the AHDB Oilseed Rape Recommended List 2023/24.

Matrix CL

MATRIX CL is the first Quad Layered Variety from DSV. It marks a huge step forward in breeding innovation being the first variety to stack four complex traits together without compromising yield (TuYV Protection, RLM7+ resistance, Pod Shatter Resistance and Clearfield® Technology).

Key Strengths

- Highest yielding Clearfield on the AHDB Recommended List 2023/24
- First Clearfield® Quad Layered Variety from DSV
- Suitable for growing in both the North, and East and West regions



Gross Output	
United Kingdom	98%
East/West Region	99%
North Region	95%
Agronomic Features	
Oil Content*	45.6%
Stem Stiffness	8
Lodging Resistance	8
Shortness of Stem	6
Earliness of Flowering	7
Earliness of Maturity	6
Disease Resistance	
Light Leaf Spot	6
Stem Canker	8
TuYV Resistance	R
Pod Shatter Resistance	R

* @ 9% Moisture. Data from the AHDB Oilseed Rape Recommended List 2023/24.

Beatrix CL – Clearfield® Hybrid

BEATRIX CL has now been added to the AHDB Recommended List 2023/24 for the north of the UK. It is one of the first Quad Layered PNN varieties to offer a complementary package of traits, with no compromise on quality. **BEATRIX CL** has four major traits which include RLM7+ Stem Canker Resistance, TuYV Protection, Pod Shatter Resistance and Clearfield® Technology.

One of only a few Clearfield varieties to offer TuYV resistance. The Clearfield trait allows for a broad spectrum of weed control including volunteer oilseed rape. With the addition of Pod Shatter Resistance as well as RLM7+ resistance to Stem Canker it also offers a very strong agronomic package.

Key Strengths

- New on the AHDB RL 2023/24
- RLM7+ Stem Canker Resistance
- TuYV protection & Pod Shatter Resistance



Gross Output	
United Kingdom	97%
East/West Region	97%
North Region	94%
Agronomic Features	
Oil Content*	45.9%
Stem Stiffness	8
Lodging Resistance	8
Earliness of Flowering	7
Earliness of Maturity	5
Disease Resistance	
Light Leaf Spot	6
Stem Canker	7
TuYV Resistance	R
Pod Shatter Resistance	R

* @ 9% Moisture. Data from the AHDB Oilseed Rape Recommended List 2023/24.



What is a Cover Crop?

A cover crop is grown for the protection and enrichment of the soil. Primarily it can manage soil erosion, fertility, soil quality, moisture retention, weeds, pests and diseases as well as capturing carbon from the atmosphere.

Increasing organic matter soil content can really benefit future crop output, especially in extremes of wet and dry conditions. Cover crops provide a more environmentally friendly approach to modern farming, providing carbon sequestration, with a direct aim in reducing the use of artificial fertilisers, and are a more 'organic' method of controlling soil pests such as nematodes.

It is possible to select a short-term duration right up to a long-term crop lasting months or even years. Cover crops can provide benefits in rotations over a bare fallow. With careful selection cover crops can also provide supplementary feeding for livestock and wildlife. It is important to select an appropriate cover crop mixture to suit the needs of the farm, as these can differ greatly providing a wide spectrum of uses.

Cover crops also need to be selected with a view to matching farm practice, capabilities, expertise and available equipment.

Bespoke mixtures and straights available. Contact the team for more information.

1 Top Green
(EFA Compliant)

Cost-effective mixture for all round ground cover and nitrogen fixing.

80% Rye
20% Vetch

Seed Rate: 50-60kg/ ha

3 Cover Green
(EFA Compliant)

Rapid establishing mix for giving all round ground cover and nitrogen fixing.

60% Rye
30% Vetch
10% Mustard

Seed Rate: 50-60kg/ ha

5 Soil Plus
(EFA Compliant)

Deep rooting with nitrogen fixation for real soil improvement.

70% Rye
20% Vetch
10% Oilseed Radish

Seed Rate: 40-50kg/ ha

7 Pretato
(Non-Compliant)

This creates a biofumigation crop – ideal for using in front of a potato crop.

80% Brown Mustard
20% Tillage Radish

Seed Rate: 7-10kg/ ha

2 Sow Green
(EFA Compliant)

This mix is most suitable for areas where Take All may be an issue.

80% Oats
20% Vetch

Seed Rate: 50kg/ ha

4 Super Green
(EFA Compliant)

Weed suppression nitrogen fixing and excellent biomass.

80% Oats
15% Vetch
5% Phacelia

Seed Rate: 50kg/ ha

6 MaizeOn
(EFA Compliant)

Ideal mixture for preparing the soil for a maize crop.

70% Forage Rye
15% Vetch
10% Tillage Radish
5% Phacelia

Seed Rate: 50kg/ ha

8 Root Plus
(EFA Compliant)

Rapid establishment for quick nitrogen uptake and excellent soil conditioning.

85% Rye
15% Oilseed Radish

Seed Rate: 40-50kg/ ha

OSR Companion Crops

Our mixtures have been carefully created to help improve OSR crop establishment and overall performance in the early stages of development.

BATTALION

- 2 kg Berseem Clover
- 4 kg Buckwheat
- 4 kg Vetch

Sow at 10 kg/ha

BRIGADE

- 2 kg Fenugreek
- 3.5 kg Buckwheat
- 2 kg Berseem Clover

Sow at 7.5 kg/ha

BASTION

- 3 kg Fenugreek
- 2 kg Berseem Clover

Sow at 5 kg/ha

WORKING TOGETHER IN THE BATTLE AGAINST THE BEETLE

Countryside Stewardship & Environmental Seeds

Hubbards Seeds has all the products you need to maximise earning opportunities from Countryside Stewardship schemes. Our top sellers include mixtures for farmland birds, wildflowers, crops for pollinators, plus grass buffers and field margins:



Wild Bird Seed Mixtures

Jack Russell	AB9 / OP2
Bird Feeder	AB9 / OP2
2 WBF	AB9 / OP2
Bumblebird Mixture	AB16



Pollen & Nectar

2 year sown Legume Fallow	AB15
Bee Mixture	AB1
Pollen & Nectar	AB1
Flower Rich Margin	AB8
Multispecies Ley	GS4 / OP4 / OP5



Grass Buffers & Field Margins

Beetle Bank	AB3
Basic Habitat	SW1 / SW3 / SW4



New rates for CS earnings have been published by Defra. See: www.hubbardsseeds.co.uk or use the QR code.

Solving your Tree & Hedging Requirements

Hubbards Seeds can supply you with trees and hedging to match your Countryside Stewardship requirements and individual farm needs.

Native British Tree Varieties

Our tree varieties are grown and sourced from UK regions directly, to ensure local provenance, greater sustainability and reduced pest risk.

We provide broadleaf trees as well as conifers like Sitka Spruce and Scots Pine Trees sourced from Scotland. Choosing the right variety for your own location's characteristics and climate is vital for successful tree management and sustainability.

Hedging for Success

We can supply you with bespoke hedging solutions however small or large the length and depth of hedge you wish to plant. Our standard hedging packs comprise: 70% Common Hawthorn, 30% Blackthorn, Dog Rose, Field Maple, Crab Apple & Common Hazel. Bespoke mixes available.

Huge Variety of Trees & Hedging available:

- Alder
- Aspen
- Beech
- Birch
- Crab Apple
- Dogwood
- Elder
- English Oak
- Field Maple
- Hawthorn
- Hazel
- Holly
- Hornbeam
- Privet
- Rowan
- Sitka Spruce
- Scots Pine
- Willow

Benefitting the Environment

Trees and hedges bring numerous benefits to the environment, providing:

- Insect corridors
- Animal habitats
- Flood reduction
- Pollinator nutrition
- Carbon sequestration
- Oxygen supply

Contact your Area Manager (page 26) or speak to Jo at Hubbards Seeds on 01380 729200.



Local Support

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THE LEADING BREAK CROP SPECIALIST

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Lauren Williams
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“THE NEXT
BIG THING!”

Ben, Lincolnshire



United Oilseeds
THE LEADING BREAK CROP SPECIALIST



ATTICA FULLY LOADED HYBRID OSR

LG's Highest Yielding Variety