



# GRASS AND FORAGE CROPS

2026-2027

# ABOUT ACT

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## Our Products & Services

Agricultural Central Trading (ACT) is a farmer-owned co-operative supplying essential inputs across England, Wales and Scotland.

Established in 1962, ACT provides independent, practical advice and competitively priced products to support every area of the agricultural business.

Our strength lies in our buying power and low operating costs, allowing us to deliver excellent value on leading brands as well as our own trusted ACT range. Everything we do is guided by a simple principle: value for money without compromising on quality, service or integrity.

ACT offers independent advice across feed, fertiliser, minerals, animal health, seeds and crop inputs, helping farmers make informed decisions for their individual businesses.

Our experienced team works closely with customers to develop practical, results-driven solutions, from crop nutrition planning and soil health to feed strategies, mineral supplementation and animal performance.

Technical support services include:

- > Forage analysis
- > Mineral audits
- > Bespoke ration planning
- > Crop input advice

All supported by reliable nationwide delivery.

## Get in touch

Contact our Customer Services team on **08000 275276** to be connected with your local area manager.



# THE PEOPLE BEHIND ACT

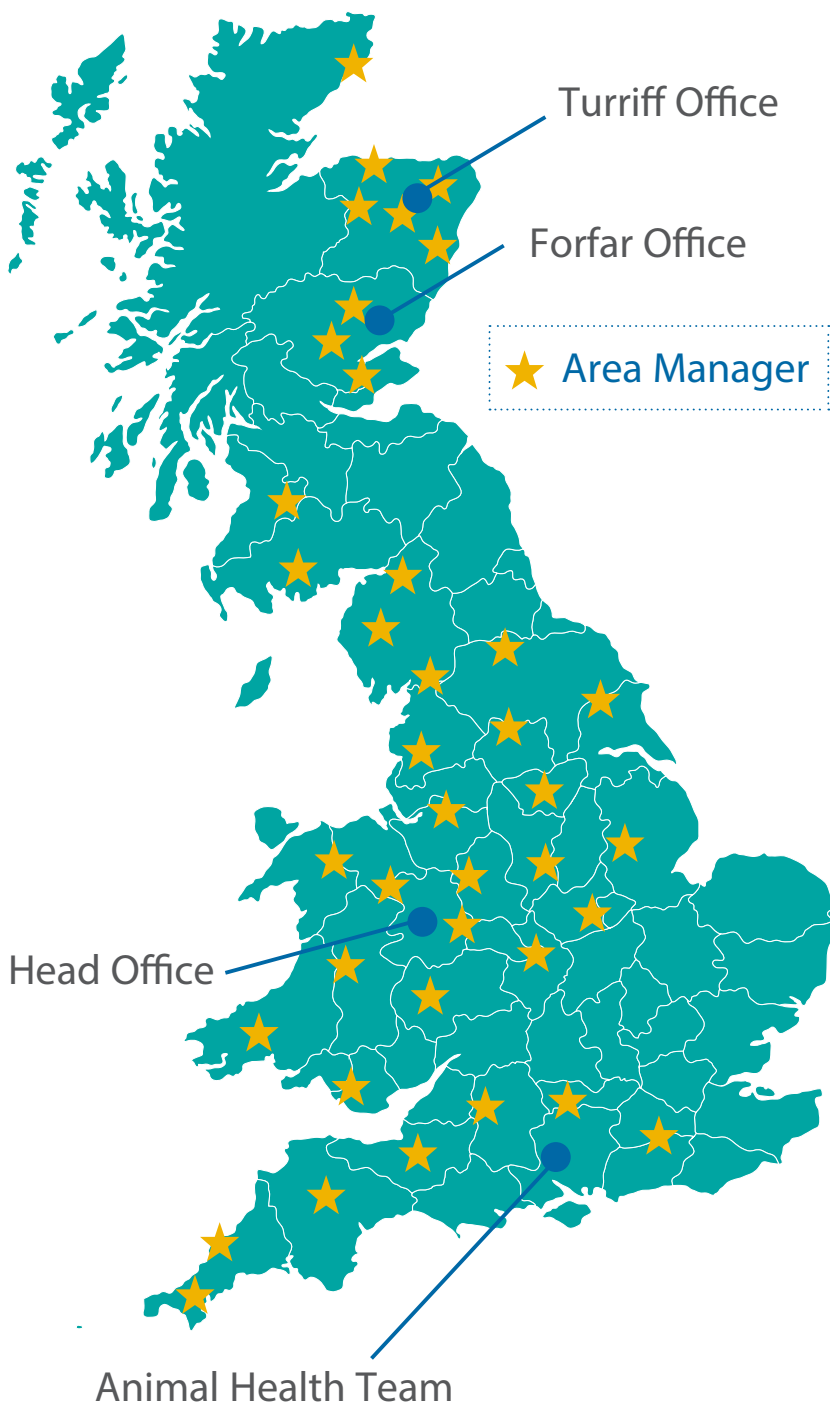


Our Head Office is home to:

- > Accounts Team
- > Customer Services Team
- > Feed and Fertiliser Teams
- > Senior leadership

Customer Services can take orders, answer enquiries and connect you with your local Area Manager.

Scotland based customers are supported by our Turriff office alongside their local Area Manager.



## Area Managers

Our Area Managers combine extensive farming experience with in-depth knowledge of ACT's full product range and services. They provide practical, on-farm support tailored to each business, helping customers make confident, informed decisions.

Many of our Area Managers are Feed Advisor Registered, FACTS and AMTRA qualified, ensuring professional, up-to-date advice across feed, nutrition and animal health products.

Each Area Manager is supported by a Team Leader and backed by our specialist Product Managers and customer service teams, providing local service with national expertise.

Team Leaders are strategically based across the country, each supporting a group of Area Managers within their region.

# GRASS SPECIES

## Diploid vs tetraploid ryegrass

Ryegrass comes in two forms: diploid and tetraploid. Diploid is the natural form, showing the typical characteristics of the species. Tetraploid ryegrass has larger cells, which hold 1–2% more moisture, higher sugar content, and a more digestible cell wall. It also develops deeper, more diverse roots, making it more nutrient-efficient and better able to withstand drought.



## Perennial Ryegrass (PRG)

Perennial ryegrass is the most widely used ryegrass species in the UK, accounting for around 70% of grass seed sales. Its diverse growth habits make it highly suitable for medium- to long-term leys for both cutting and grazing. With proper management, perennial ryegrass can persist for five years or more.

Varieties are grouped by heading date according to the NIAB trial system:

- > Early Heading Perennials (EPRG): Head 5–16 May, offering the highest spring growth. Ideal for conservation leys for silage or hay.
- > Intermediate Heading Perennials (IPRG): Head 18–31 May. The largest group, versatile for grazing and cutting systems.
- > Late Heading Perennials (LPRG): Head late May–mid June. Leafiest group, mainly used for grazing, but can also produce high-quality silage when cut at the right time.

## Hybrid Ryegrass (HRG)

A cross between Perennial and Italian ryegrass, combining the yield of the Italians with the persistence of perennials. HRG persists for 3–4 years and is mainly used in cutting swards.

## Italian Ryegrass (IRG)

Biennial and fast-growing, Italian ryegrass produces high yields over two years. Typically used for cutting for silage or haylage, it is often sown after maize for an early spring cut.

## Westerwolds Ryegrass

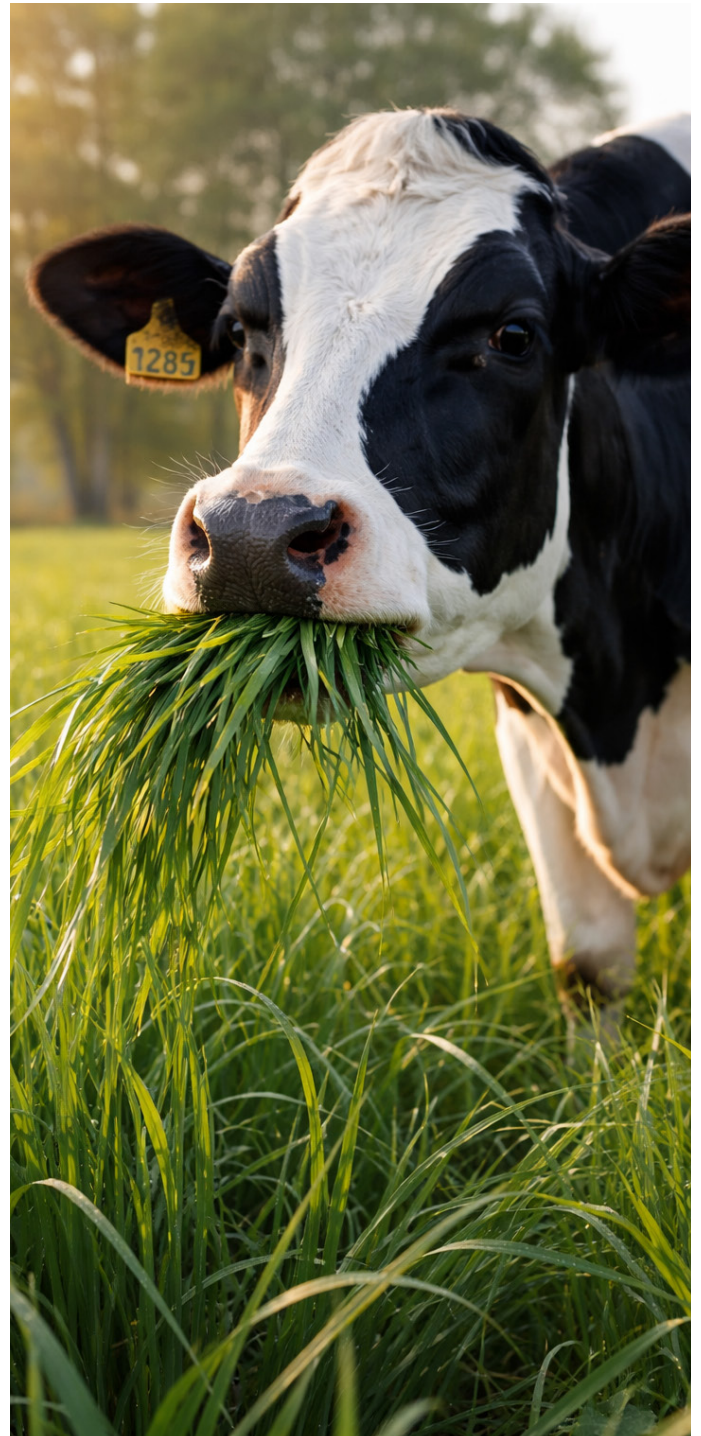
An annual that produces seed heads in the year of sowing, Westerwolds establishes extremely quickly and regrows fast after cutting. It is ideal for spring sowing where winter damage has reduced production, or as a companion grass to a longer-term re-seed to boost first-cut yields.

## Festuloliums

An interspecies cross of ryegrass and fescues, combining the best traits of both: deep roots, persistence, and high yield from ryegrass; improved digestibility, vigorous growth, and disease resistance from fescue.

## Timothy

A very palatable and persistent grass for cutting and grazing. Timothy is especially noted for winter hardiness and disease resistance. Due to its very small seed, it is only included in mixtures in small amounts, and a fine, firm seed-bed is essential for good establishment.



# CLOVER VARIETIES

## WHITE CLOVER

Subject to availability all ACT White Clover blends will contain a range of varieties including:

### Brianna

This very large-leaved white clover delivers consistently high yields for cutting and grazing, tolerates hard grazing exceptionally well, and has the potential to replace Red Clover in long-term cutting mixtures.

### Dublin

An intermediate-type white clover with medium-sized leaves, Dublin is very productive, demonstrates vigorous growth, and maintains good persistence under grazing.

### Merwi

Well suited as a companion to grass species in pasture mixtures, Merwi supports intensive grazing by maintaining high soil cover during dry periods. It offers good persistence and high protein content.

### Quartz

A versatile white clover that fits across multiple farm systems, Quartz provides high yields and broad adaptability, making it an excellent all-round performer.

### Alice

A very winter-hardy, large-leaved white clover with vigorous growth and an erect habit, Alice is preferentially grazed by livestock and exhibits high nitrogen fixation capacity according to trials.

### Rivendell

A very small-leaved white clover, Rivendell is perfectly adapted to grazing, ideal for permanent pastures, and offers excellent disease tolerance.



## RED CLOVER

### Krynia

A high-yielding diploid Red Clover cultivar, Krynia is characterised by strong shoot formation, rapid regrowth, and excellent productivity. It thrives in fertile, moist, lime-rich soils, supports multiple harvests per season, and is well suited to both forage systems and pollinator-friendly plantings.

### Garant

Garant is a diploid field red clover with strong early growth and reliable yields, particularly in subsequent cuts. It offers good resistance to fungal diseases, especially clover rust, and flowers early to mid-season. Well suited to mixtures with short- medium term grasses. Garant is a high-yielding, winter-hardy, and persistent variety with excellent crop stability.

### Secretariat

Secretariat is a diploid, medium red clover well suited to double-cut systems. It establishes rapidly and delivers high dry matter yields across three to four cuts when grown with grass. With an upright growth habit ideal for cutting, it also offers improved resistance to common clover diseases such as Sclerotinia and Fusarium. A productive short-term perennial, Secretariat typically persists for two to three years under good management.

# CHOOSING THE RIGHT MIXTURE

## We have the mixture to suit your needs.

We select the best performing varieties for each mixture to ensure the right balance of yield, heading dates, density, persistence and rooting potential. This helps you produce high yields of high-quality grass whether it is for cutting, grazing or a combination of both.

We can also supply bespoke mixtures of species to your specifications, using the best performing varieties available from our breeding partner DLF.

All our selected varieties are NIAB listed, so you can be sure they are highly digestible, helping improve livestock intake and animal health while producing more meat and milk from grazing and reducing production costs.

## Which mixture should we choose?

This is best answered by considering:

- What is the intended utilisation of the crop - cutting, grazing or both? Grazing mixtures generally are also good for cutting – the reverse is not always true.
- How long do I want the mixture to last?

Too often we underestimate how long a field will be kept down for – in which case it is usually better to choose a longer ley.

Many of our mixtures are available with or without clover depending on your requirements. Alternatively, you could consider a clover overseeding mixture to improve an existing sward. Using a seed mixture of high-performing varieties alongside a seed treatment that helps seeds establish more quickly can be an effective option.



## How long do you want your grass mixture to last?

### VERY SHORT TERM

- > Multicover
- > Rapd Grass
- > Extendagraz
- > Clampbuster

### MEDIUM-LONG TERM



### SHORT-MEDIUM TERM

- > No. 8 Silage Maker
- > No. 23 Heavy Silage
- > No. 10 High Protein
- > No. 37 Double Profit

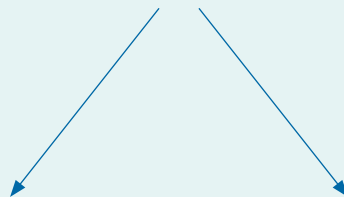


## Is it mainly cutting, mainly grazing or both?

### CUTTING AND GRAZING

- > No. 57 Quality Cutter
- > No. 62 Cut & Graze
- > No. 50 Long Term
- > No. 59 Sweetgrass

### MAINLY GRAZING



### MAINLY CUTTING

- > No. 57 Quality Cutter
- > No. 56 Long Term Cutter
- > No. 66 Drylander
- > No. 59 SweetGrass

### GRAZING - DAIRY

- > No. 57 Quality Cutter
- > No. 63 Intensive Long Term Grazer
- > No. 59 SweetGrass

### GRAZING - CATTLE/SHEEP

- > No. 58 Permanent Pasture
- > No. 65 Durable Pasture
- > No. 67 Upland Grazer
- > No. 57 Quality Cutter

**Grassland is still the main source of energy production for livestock farms.**

Re-seeding grassland on a more frequent basis has been proven to be one of the most cost effective and reliable ways of reducing bought in feed costs.

# ACTIVE8™ | NATURAL SEED TREATMENT

## Faster start. Stronger crops.

ACTIVE8™ is a natural bacterial seed treatment that stimulates the seed embryo into earlier activity, promoting faster root development and stronger early plant growth.

By accelerating establishment, ACTIVE8™ helps your crop reach its potential sooner and perform better throughout the season.

### How ACTIVE8™ works for you

- > Stimulates early root development
- > Encourages faster, more even establishment
- > Supports stronger early plant growth

### On-farm benefits

- > Improved nutrient absorption
- > Faster crop utilisation
- > Increased first cut yield



## ACTIVE8™

**Stronger roots. Earlier growth. More output.**

All our major grass mixtures come ACTIVE8™ treated as standard.

## SEED QUALITY

### Probably the highest quality grass seed you can buy!

There is a legal minimum standard for all grass and clover seed bought and sold in the United Kingdom. ACT grass seeds exceed these standards.

All ACT seed mixtures are of the highest standard of purity and germination.

	Seed quality	Purity	Germination	Viable seeds	Kg viable seeds	Difference
Perennial Ryegrass	UK Minimum	96%	75%	72%	14.4kg	4.2 kg more viable seeds per bag
	ACT 2024	99.4%	93%	93%	18.6kg	

The % figures shown in the charts refer to ACT's Grass Seed for 2024.

**What does this mean?** Quite simply, that in ACT Seed Mixtures you have more viable seeds per bag, or in other words you get more seeds for your money!

**93%**  
total viable seeds

ACT GRASS SEEDS

**VS**

**72%**  
total viable seeds

UK MINIMUM GRASS SEEDS

**Probably the  
BEST QUALITY  
GRASS SEED  
you can buy!**

# SHORT TERM (UP TO 2 YEARS)

## ACT MULTICOVER

**Fast cover. Extra nitrogen. Flexible forage.**

ACT Multicover is a short-term multi-species mixture combining Italian ryegrass and crimson clover to deliver rapid ground cover, high-quality forage and valuable nitrogen fixation.

### Versatile use

Ideal as a post-maize winter cover crop, ACT Multicover protects soil while producing useful grazing or silage in the following spring. The inclusion of crimson clover increases protein content while contributing additional nitrogen to the system.

### Practical farm benefits

The mixture establishes quickly, making it suitable for a wide range of situations where soil protection, early grazing or short-term forage production is required.

### Scheme Compatibility

Suitable for use with SFI options including:

- > CSAM2  
Multi Species Winter Cover

Compliant with

CSAM2

### Contains

Sikem  
Turgo (T)  
Crimson Clover

Suggested sowing rate

**8-15**  
kg/acre

Pack size  
**20**kg

## EXTENDAGRAZE

**Flexible grazing. Rapid growth. Extended forage.**

Extendagraze is a fast-establishing catch crop combining Italian ryegrass and forage rape to deliver flexible grazing options throughout late summer and autumn.

### Highly productive forage

The mixture can provide two or more grazings of high-quality forage. After grazing the brassica component, the Italian ryegrass can remain in place for overwintering, early spring grazing or an early silage cut.

### Extended feed supply

Designed to bridge forage gaps, Extendagraze helps extend the grazing season and maintain feed availability when grass growth begins to slow.

### Pro+ option available

Extendagraze Pro+ includes 10% Crimson Clover, adding extra protein and natural nitrogen fixation to further enhance forage quality.

Compliant with

CSAM2

### Contains

Fox  
Alamo  
Emerald

Suggested sowing rate

**10-15**  
kg/acre

Pack size  
**20**kg

# SHORT TERM (UP TO 2 YEARS)

## SPRINTER

**Fast feed. Fast fix. Maximum output.**

Sprinter is a short-term forage mixture built for speed and maximum output.

### What's in the mix?

A blend of Italian and Westerwold ryegrass that establishes rapidly, producing high yields of quality forage in a short window.

### Why choose Sprinter?

With high sugar content, it ensiles exceptionally well, making it ideal for filling feed gaps quickly.

### How flexible is Sprinter?

Sprinter is perfect for autumn sowing ahead of maize or for undersowing into a maize crop during summer.



### Contains

Westerwold  
Italian Ryegrass

Suggested  
sowing rate

**12-14**  
kg/acre

Pack size

**20**kg

Westerwold	<b>50%</b>
Italian Ryegrass	<b>50%</b>

## CLAMPBUSTER EXTRA

**Big spring yields. Fast feed. Maximum flexibility.**

When you need serious forage fast, Clampbuster Extra delivers. Heavy early spring growth provides an ideal first bite or a powerful first-cut silage, while it also produces a strong crop after maize, turning stubble into valuable feed. It is designed to deliver up to two years of high-output performance without long-term commitment.

### Proven mixture

A blend of 85% Italian Ryegrass and, new for 2026, 15% Westerwolds for even greater early vigour.

### The result

More tonnes, earlier grazing, better silage and stronger margins for your farm.

**This mixture is likely to be in short supply during late summer 2026. To secure your seed place your orders early!**



### Contains

IRG  
Westerwold

Suggested  
sowing rate

**12-14**  
kg/acre

Pack size

**20**kg

Tetraploid	<b>50%</b>
Diploid	<b>50%</b>

# MEDIUM TERM (3 YEARS PLUS)

No.  
**8**

## SILAGE MAKER

Built for speed and output

### Exceptional annual yields

Capable of 4-5 cuts per year, producing around 30 tonnes per acre (fresh weight).

### Fast out of the blocks

Strong early spring growth to secure an early first cut.

### Impressive regrowth between cuts

Keeps fields productive and maximises total seasonal output.

### Dual-purpose flexibility

Suitable for grazing by all classes of livestock when required.

### Extended grazing window

Delivers grass in very early spring and carries production into late autumn.

### Optional White Clover

Newly available with 6% white clover for extra protein, improved sward quality and longer-term performance.

### Contains

Alamo  
Fox  
Perun  
Astoncrusader (T)  
Lofa (T)

Seeds per m<sup>2</sup>  
**917**

Suggested sowing rate  
**12-14 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>20%</b>
Diploid	<b>80%</b>

Italian Ryegrass	<b>40%</b>
Hybrid Ryegrass	<b>20%</b>
Festulolium	<b>40%</b>



No.  
**10**

## HIGH PROTEIN

Grow protein. Cut fertiliser. Drive yield.

### Built for output

High Protein is a 3–5 year ley blending Hybrid Ryegrasses, Festulolium, and Red Clover to produce high-quality forage with up to 18% protein.

It requires little or no nitrogen fertiliser, delivers strong spring growth, and recovers rapidly to support multiple cuts.

### Flexible system

This mixture supports 3+ cuts per season or several grazings, with excellent regrowth between cuts to maintain sward productivity and quality throughout the year.

### Management tip

Allow Red Clover to flower at least once per season — particularly before the first cut in year one — to support long-term persistence and performance.

### Contains

Alamo (T)  
Perun  
Astoncrusader (T)  
Lofa  
Action Red Clover

Seeds per m<sup>2</sup>  
**948**

Suggested sowing rate  
**12-14 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>48%</b>
Diploid	<b>32%</b>

Red Clover	<b>20%</b>
Italian Ryegrass	<b>32%</b>
Hybrid Ryegrass	<b>16%</b>
Festulolium	<b>32%</b>



# MEDIUM TERM (3 YEARS PLUS)

No.  
**37**

## DOUBLE PROFIT

High yield. Dual purpose.  
Maximum flexibility.

### Built for output

Double Profit is a 3–4 year high-yielding mixture designed for true cut-and-graze systems. It delivers 1–2 silage or hay cuts, followed by productive aftermath grazing for all livestock classes.

### Versatile and reliable

Blending Hybrid Ryegrass and Perennial Ryegrasses, this mixture provides quality forage while maintaining sward density under repeated cutting and grazing.

### Clean and safe

Contains no White Clover, offering a reliable, specialist forage solution for mixed or high-performance cutting and grazing systems.

Does not contain ACTIVE8 Seed Treatment.



### Contains

Astoncrusader  
Genesis  
Boyne  
Nolwen

ds per m<sup>2</sup>  
**964**

Suggested sowing rate  
**12-14 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>80%</b>
Diploid	<b>20%</b>

Hybrid Ryegrass	<b>25%</b>
Early PRG	<b>35%</b>
Intermediate	<b>40%</b>

No.  
**23**

## HEAVY SILAGE

Big tonnes. Strong regrowth.  
Proven silage performance.

### Designed for multi-cut silage systems

Heavy Silage is a 3–4 year ley built for high-output, multi-cut silage systems. It delivers strong early spring growth and fast recovery between cuts, providing reliable forage and the option for aftermath grazing into autumn.

### Powerful grass blend

- > Hybrid ryegrass (34%) – drives early vigour and rapid recovery
- > Intermediate perennial ryegrass (36%) – adds quality, density and palatability
- > Festulolium (30%) – boosts yield and resilience

### Optional White Clover

Newly available with 6% white clover for extra protein, improved sward quality and longer-term performance.



### Contains

Tetragraze (T)  
Aston Crusader (T)  
Perseus  
Lofa  
Nifty  
Seagoe (T)

Seeds per m<sup>2</sup>  
**918**

Suggested sowing rate  
**13-15 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>52%</b>
Diploid	<b>48%</b>

Hybrid RG	<b>34%</b>
Intermediate PRG	<b>36%</b>
Festulolium	<b>30%</b>

# MEDIUM TERM (3 YEARS PLUS)

No.  
**56**

## LONG TERM CUTTER

Built for multi-cut reliability.  
Consistent forage. Durable performance.

### Built for repeat performance

No.56 is designed for multi-cut systems where timing, yield and quality matter. It delivers strong first-cut bulk, rapid regrowth and consistent seasonal production, making it ideal for 3–4 cut silage systems.

It is also very well suited for use as a grazing mixture.

### Durable perennial ryegrass mix

This mixture maintains a tight sward structure, an even cutting surface and long-term persistence, ensuring it remains highly productive under regular cutting pressure.

### Flexible Options

Available with or without White Clover, allowing you to tailor the mixture to suit your system.



### Contains

Nifty  
Agaska  
Seagoe (T)  
Nolwen (T)

Seeds per m<sup>2</sup>  
**1096**

Suggested sowing rate  
**13-15 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>50%</b>
Diploid	<b>50%</b>

Intermediate PRG	<b>100%</b>
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## ACT GRASSLAND FERTILISERS

At ACT we work with all the major manufacturers and importers of fertilisers across the whole of the UK.

We can provide a complete service of all traditional fertiliser compounds and blends, as well as providing added value in the form of bespoke blends to suit specific crop requirements.

### GRAZING FERTILISERS

Sweetgrass is a high-N grassland fertiliser specifically designed to increase sward palatability and maximise milk and meat from grass for optimum returns.

### Why use Sweetgrass?

- > Palatability is key to optimum grass utilisation
- > Sweetgrass improves palatability
- > Improved palatability = increased intake
- > Improved palatability = tighter grazing
- > Increased intake and tighter grazing = optimum grass utilisation
- > Improved palatability is particularly beneficial when grass becomes less digestible or following slurry applications which can 'sour' pastures



### Features & benefits

<b>OEN Nitrogen</b>	Protection from leaching, volatilisation and nitrification – more available to plant per £ spent
<b>Polysulphate</b>	50+ days release (double the release time of Ammonium Sulphate – constant creation of full proteins and amino acids)
<b>Sodium</b>	Palatability and reduction of staggers – also improved forage quality
<b>Calcium</b>	Counteract high mag in soil, improve structure, improve quantity and quality of forage

For more information and to see what grades are available contact your local ACT Area Manager.

# LONG TERM (6 YEARS PLUS)



## QUALITY CUTTER

True dual-purpose performance.  
Cut hard. Graze strong.

### Built for quality output

Quality Cutter is a late-heading perennial ryegrass mixture designed to deliver clean, high-quality silage and productive grazing. Reduced seed head formation at cutting ensures superior forage, while strong spring and autumn growth maintains a dense, persistent sward for long-term performance.

### High-sugar advantage

With 60% high-sugar tetraploid perennial ryegrass, Quality Cutter supports improved intake, better feed utilisation and a strong milk or liveweight response.

### Tailor to your system

Options are available with white clover, a herbal mix or red clover to suit your farm's forage and livestock requirements.



### Contains

Thegn (T)  
Nashota (T)  
Zorgue  
Timuco

Seeds per m<sup>2</sup>  
**1343**

Suggested sowing rate  
**13-15 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>60%</b>
Diploid	<b>40%</b>
Late PRG	<b>100%</b>



## SWEETGRASS

Built for dairy performance. High intake.  
High milk output.

### Maximise forage through the cow

Sweetgrass is designed for dairy systems where milk from forage matters. Its high-sugar, late-heading tetraploid ryegrasses drive voluntary intake, improve digestibility and support better feed conversion, delivering a strong milk response throughout the season.

### All-season performance

Sweetgrass grows strongly in early spring, maintains consistent

production through summer and extends grazing into late autumn. Deep roots improve resilience during drier periods, making it ideal for high-performance dairy systems running grazing, cutting or hybrid platforms.

### Tailor to your system

Choose from options with White Clover, a herbal mix or Red Clover to suit your farm's forage and livestock requirements.



### Contains

Hopi (T)  
Thegn (T)  
Gracehill (T)  
Nashota (T)

Seeds per m<sup>2</sup>  
**1174**

Suggested sowing rate  
**13-15 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>100%</b>
Diploid	<b>0%</b>
Late PRG	<b>100%</b>

# LONG TERM (6 YEARS PLUS)

No. **63**

## INTENSIVE LONG TERM GRAZER

**Built for pressure. Built to perform.**

### The Ultimate Grazing Mixture

Designed for high-demand, intensive systems, this mixture extends grazing days, allows you to carry more stock confidently, maintains sward density long term, and reduces reliance on bought-in feed.

### High output. High density.

Delivers exceptional production while maintaining a tight, durable sward under repeated grazing pressure.

### Extended seasonal performance

Selected varieties to drive growth in early spring and late autumn, while late-heading perennial ryegrasses maintain mid-summer quality and productivity in carefully managed swards.

### Persistent & Reliable

Built to withstand tight rotations and consistent stocking rates, providing dependable performance for intensive grazing systems.

### Flexible options

- > With or without White Clover
- > Optional 6% Timothy



#### Contains

Agaska	Zorgue
Nifty	Gracehill (T)
Timuco	Nashota (T)
Wetherby	Comer*

Seeds per m<sup>2</sup> **1902**  
Suggested sowing rate **13-16 kg/acre**  
Pack size **20kg**

Tetraploid	<b>30%</b>	Intermediate PRG	<b>28%</b>
Diploid	<b>70%</b>	Late PRG	<b>72%</b>

No. **58**

## PERMANENT PASTURE

**Carry more stock. For longer. Built to last.**

### Built for long-term performance

High-performance, dual-purpose mixture designed to deliver sustained productivity for dairy, beef, and sheep systems. Establishes quickly and provides strong early spring growth, ensuring grazing is available when demand first rises.

### Season-long output

This mixture maintains consistent production through summer and into autumn, helping extend grazing days

and maximise forage utilisation across the season.

### Dense and durable sward

A tight, resilient sward provides excellent ground cover, standing up to grazing pressure while maintaining long-term persistence and productivity.

### Flexible Options

Available with or without White Clover, allowing you to tailor the mixture to suit your system and input strategy.



#### Contains

Nifty	Timuco
Boyne	Nashota (T)
Nolwen (T)	Comer
Wetherby	

Seeds per m<sup>2</sup> **1925**  
Suggested sowing rate **13-15 kg/acre**  
Pack size **20kg**

Tetraploid	<b>49%</b>	Intermediate PRG	<b>46%</b>
Diploid	<b>51%</b>	Late PRG	<b>41%</b>
		Timothy	<b>7%</b>
		White Clover	<b>6%</b>

# LONG TERM (6 YEARS PLUS)



## DRYLANDER

Built for dry soils. Reliable forage. Stable yields.

### Built for a changing climate

Drylander is designed for livestock systems that cannot afford forage shortages when rainfall drops. This mixture continues producing when traditional leys slow down, maintaining grazing covers through dry spells and protecting your forage supply year after year.

### Resilient grass and clover blend

Deep-rooting grasses and clovers access moisture lower in the soil profile, maintaining productivity on drought-prone or lighter soils. Drylander performs where nutrient availability is limited, helping stabilise yields and ensure reliable forage for livestock.

Also available without Red Clover.



### Contains

Perseus	Hopi (T)
Perun	Tower
Lofa	Donata
Foitan	Red Clover
Nolwen	

Seeds per m<sup>2</sup>  
**2156**

Suggested sowing rate  
**12-14 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>70%</b>
Diploid	<b>22%</b>
Red Clover	<b>8%</b>



## CUT & GRAZE

One mixture. Total flexibility.  
Cut hard. Graze strong.

### Serious flexibility

Cut & Graze is designed for farms that refuse to choose between cutting and grazing. Take a quality first cut, graze the aftermath hard, and repeat with confidence across the season.

### Fits your livestock

This mixture is suitable for all classes of stock — dairy, beef, or sheep — providing the versatility needed for mixed or specialised enterprises.

### No.62 designed for balance

Intermediate and late-heading perennial ryegrasses. Delivering strong spring growth, high-quality silage potential, excellent mid-season grazing, and reliable long-term performance, ensuring a dense, productive sward year after year.



### Contains

Agaska
Seagoe (T)
Zorgue
Wetherby
Nashota (T)

Seeds per m<sup>2</sup>  
**1483**

Suggested sowing rate  
**13-15 kg/acre**

Pack size  
**20kg**

Tetraploid	<b>39%</b>
Diploid	<b>61%</b>

Intermediate PRG	<b>48%</b>
Late PRG	<b>46%</b>
White Clover	<b>6%*</b>

# LONG TERM (6 YEARS PLUS)

No.  
**65**

## DURABLE PASTURE

Tough. Reliable. Built to endure.

### Built for challenging conditions

Durable Pasture is a long-term ley designed for wet and heavy ground. It delivers a dense, persistent sward that thrives under high rainfall and challenging water tables, providing reliable performance where other mixtures struggle.

### Resilient grass and clover blend

Carefully selected grasses and clovers ensure long-lasting performance in harsh conditions, maintaining sward density and quality year after year.

### Management tip

For best results, establish well before ground becomes waterlogged to ensure full potential is achieved.

#### Contains

Boyne	Fojtan	Ermo
Nolwen (T)	Comer	White Clover
Swan	Laura	
Cavendish	Donata	

Seeds per m<sup>2</sup>  
**2156**

Suggested sowing rate  
**13-15 kg/acre**

Pack size  
**20kg**

IPRG	<b>30%</b>
LPRG	<b>26%</b>
Clover	<b>10%</b>
Other	<b>44%</b>



No.  
**67**

## UPLAND GRAZER

Secure grazing. Strong roots. Reliable performance.

### Built for tough terrain

Upland Grazer is designed for farms on upland or marginal land, where reliability is everything.

### Resilient sward

This mixture produces a dense sward capable of withstanding heavy grazing pressure and shows excellent persistence on upland and marginal soils.

### Enhanced resilience and biodiversity

Timothy and Creeping Red Fescue improve sward, helping your grazing system thrive in challenging conditions. White and Alsike Clover content naturally supports soil fertility while reducing reliance on artificial nitrogen inputs.

### Ideal for

- > Hill sheep systems
- > Suckler cow enterprises
- > Low-input grazing farms

#### Contains

Boyne	Timuco	Comer
Cavendish	Maxima	Alsike Clover
Bowie	Evora	White Clover

Seeds per m<sup>2</sup>  
**3141**

Suggested sowing rate  
**13-15 kg/acre**

Pack size  
**20kg**

Other	<b>37%</b>
IPRG	<b>21%</b>
LPRG	<b>42%</b>



# LONG TERM (6 YEARS PLUS)

No.  
**50**

## LONG TERM

High yield. Dual purpose.  
Long term performance.

### Built for reliability

Long Term is a 4–6 year high-yielding mixture designed for true cut-and-graze systems. It provides 1–2 silage cuts followed by productive aftermath grazing for all livestock classes.

### Versatile and balanced

Blending early, intermediate, and late perennial ryegrasses, with White Clover included, this mixture offers consistent

growth and high-quality forage across multiple seasons.

### Cost-effective long-term solution

Designed as a durable, longer-term grazing and cutting mixture, Long Term delivers excellent sward density, productivity, and flexibility at a competitive cost.

Does not contain ACTive8 Seed Treatment.



### Contains

Genesis  
Boyne  
Nolwen  
Swan  
Hopi  
Rivendel

Seeds per m<sup>2</sup> **1483**  
Suggested sowing rate **13-15 kg/acre**  
Pack size **20kg**

Tetraploid	<b>37%</b>
Diploid	<b>59%</b>

Early PRG	<b>29%</b>
Intermediate PRG	<b>40%</b>
Late PRG	<b>27%</b>
White Clover	<b>4%*</b>

## CROP PACKAGING

### Silage Sheets

High-quality silage sheets designed to provide effective protection against air and weather ingress. Helping to maintain clamp integrity, reduce spoilage and preserve forage quality throughout storage.

### Clamp Covers

Durable clamp cover solutions designed to improve sealing and protect silage clamps. Helping to reduce surface waste and maintain consistent feed quality during storage and feed-out.

### Vacuum Film

Thin, flexible underlay film that closely follows the silage surface to create an effective oxygen barrier. Used alongside silage sheets to improve sealing and reduce dry matter losses.

### Net Wrap

Strong, reliable net wrap designed to deliver consistent bale shape and secure wrapping. Helping to protect bales during handling, transport and storage.

### Bale Wrap

High-quality stretch film designed to provide an effective airtight seal around wrapped bales. Supporting fermentation, protecting forage quality and reducing spoilage.

### Baler Twine

Durable baler twine suitable for a wide range of balers and crop conditions. Designed to deliver consistent knot strength and reliable bale security.



# HAY AND HAYLAGE MIXTURES

## HAYLAGE PRO LT

Long term quality haylage with Timothy.

- > A longer term mixture that produces finer forage than the Haylage Plus ST mixture
- > Based on all diploid species and provides high quality haylage or hay for 6+ years

### Contains

Genesis      Toddington  
Boyne        Winnetou  
Nifty



## HAYLAGE PLUS ST

A short-term mixture for hay/haylage production.

- > Quality hay or haylage from diploid IRG and Festuloliums
- > Does not contain Timothy
- > Suitable for hay or haylage cuts followed by grazing for up to 4 years

### Contains

Sendero      Alamo  
Fox

Other equine mixes also available



# ORGANIC LEYS

## NO. 1 ORGANIC FERTILITY BUILDER

- > High yielding 2-3 year ley with a Red Clover to enhance DM and protein yields
- > Possibility of taking 1-3 cuts of silage starting end of May/early June before aftermath grazing

## NO. 2 ORGANIC GRAZING MIXTURE

- > Contains a high level of tetraploid giving increased palatability and drought tolerance
- > A medium to long term grazing ley.
- > White Clover blend helps to maintain soil fertility

## NO. 3 CUTTING MIXTURE

- > Designed to produce high quality silage
- > The varieties chosen have a close range of cutting dates which can produce higher ME levels than general purpose leys
- > Primarily designed for cutting.

## NO. 4 GENERAL PURPOSE MIXTURE

- > Provides a successive pattern of growth from early spring into autumn
- > Timothy improves mid-summer production
- > White Clover adds to sward growth and digestibility

All ACT organic mixtures contain at least 70% organically produced seed.



# THE SUSTAINABLE FARMING INCENTIVE (SFI)

## How we can help ensure your SFI seeds establish successfully

To get the best results, always choose high-quality, reputable seed mixtures and sow at the recommended rates from your supplier. ACT offers a complete range of ready-to-use mixtures designed to fully meet the requirements of SFI Actions.

For SFI 2023 and SFI 2024, ACT can supply seed for the key actions most relevant to your farm. See the chart below for a clear summary.

**Actions no longer available for SFI26 are shown in green.**



SFI Code	SFI Action Descriptor
<b>SFI actions for soils</b>	
C-SAM2	Multi-species winter cover crops
C-SAM3	Herbal leys - 1 grass, 2 legumes, 2 herbs
SOH2	Multi-species spring-sown cover crop (not SFI 2026)
SOH3	Multi-species summer-sown cover crop
SOH4	Winter cover following maize crops
<b>SFI actions for integrated pest management</b>	
C-IPM2	Flower-rich grass margins, blocks or strips
C-IPM3	Companion crop on arable and horticultural land
<b>SFI actions for nutrient management</b>	
C-NUM2	Legumes on improved grassland
C-NUM3	Legume fallow
<b>SFI actions for farmland wildlife on arable and horticultural land</b>	
C-AHL1	Pollen and nectar flower mix
C-AHL2	Winter bird food on arable and horticultural land
C-AHL3	Grassy field corners and blocks
C-AHL4	4m to 12m grass buffer strips on arable & horticultural land
AHW1	Bumblebird mix (not SFI 2016)
AHW2	Supplementary winter bird food
<b>SFI actions for farmland wildlife on improved grassland</b>	
C-IGL2	Winter bird food on improved grassland
C-IGL3	4m to 12m grass buffer strips on improved grassland
<b>SFI actions for buffer strips</b>	
BFS1	12m to 24m watercourse buffer strip on cultivated land
BFS2	Buffer in-field ponds on arable land
BFS3	Buffer in-field ponds on improved grassland
AHW3	Beetle banks



Scan the QR code or click the image to download a copy of ACT's 'A practical guide to environmental, cover crop, game cover and forage seeds 2026'



# MULTI-SPECIES HERBAL LEGUME OPTIONS

Compliant with

GS4

SAM3

CSAM3

GFE

No.  
**70**

## DIVERSE HERBAL

The most productive legume and herb rich mixture

Designed to deliver both scheme compliance and farm performance.

### Built for diversity

5 grasses, 3 legumes, 5 herbal plants

- > Compliant with Herbal Ley schemes: SAM3, CSAM3, GS4, plus Welsh GFE schemes
- > Establishes a balanced, mixed sward of grasses, legumes, herbs, and wildflowers

### Performance focus

- > Productive and compliant
- > Higher yield potential than standard stewardship mixtures
- > Suitable for grazing or cutting systems

### Contains

5 grasses 70%		4 legumes 20%		5 herbal plants 10%	
PRG	40%	Red Clover	10%	Plantain	4%
Festulolium	15%	Yellow Trefoil	5%	Sheep's Burnett	3%
Cocksfoot	5%	Alsike Clover	3%	Sheep's Parsley	2.73%
Timothy	5%	Sanfoin	2%	Yarrow	0.25%
Meadow Fescue	5%			Oxeye Daisy	0.02%

Seeds per m<sup>2</sup>  
**1927**

Suggested sowing rate  
**11-14 kg/acre**

Pack size  
**20kg**

Grasses	<b>70%</b>
Legumes	<b>20%</b>
Herbs	<b>10%</b>



Compliant with

SAM3

CSAM3

## TwoByTwo

Add 2 herbs and 2 clovers to any grass mixture

### Cost-effective herb and clover inclusion

TwoByTwo makes it simple to add diversity and nutritional value to any grass mixture without compromising yield.

### Key features

- > Minimum requirement: 2 herbs and 2 legumes
- > Simple, cost-effective way to boost sward diversity
- > Can be added to any grass mixture without reducing performance
- > For every 20 bags of any grass mixture just 1 bag of TwoByTwo is required

30% White clover  
30% Alsike clover  
30% Plantain  
10% Sheep's Parsley

Suggested sowing rate

**2 kg/acre**    **5 kg/ha**

Pack size

**20kg**



# MULTI-SPECIES HERBAL LEGUME OPTIONS

Compliant with

SAM3

CSAM3

No.  
**72**

## ACT HERBAL LEGUME 3X3

Compliant. Reliable. Productive.

### Scheme-ready herbal and legume mix

Built to meet SAM3 and CSAM3 minimum requirements — with a safety margin for establishment.

### Built for compliance

- > Extra species included to ensure compliance if one fails to establish
- > Suitable for overseeding existing herbal leys to boost diversity

### Contains

3 grass species 85%	3 legume species 9%	3 herb species 6%
Nifty I PRG	Birds Foot Tefoil	Ranger Plantain
Nolwen I PRG	White Clover	Sheeps Burnet
Zorgue I PRG	Alsike Clover	Sheeps Parsley
Nashota I PRG		
Fojtan Festulolium		
Comer Timothy		

Seeds  
per m<sup>2</sup>  
**1,831**

Suggested sowing rate  
**10-14 24-35**  
kg/acre kg/ha

Pack size  
**20kg**

Compliant with

SAM3

CSAM3

No.  
**72**

## ACT HERBAL LEGUME 3X3 PRO+

3 Legumes. 3 Herbs. Red Clover for added yield.

When scheme compliance meets productive output, this mixture delivers.

### Built for herbal ley schemes

- > Extra species for establishment security
- > Red Clover included for protein and improved forage

### Flexible and productive

- > Overseed existing leys to increase species content
- > Supports grazing and cutting systems
- > Ensures your herbal ley remains compliant and productive.

### Contains

3 grass species 79%	3 legume species 15%	3 herb species 6%
Nifty I PRG	Red Clover	Ranger Plantain
Nolwen I PRG	White Clover	Sheeps Burnet
Zorgue I PRG	Alsike Clover	Sheeps Parsley
Nashota I PRG		
Fojtan Festulolium		
Comer Timothy		

Seeds  
per m<sup>2</sup>  
**1,875**

Suggested sowing rate  
**10-14 24-35**  
kg/acre kg/ha

Pack size  
**20kg**

# OVERSEEDING MIXTURES

## GRASSMAX OVERSEEDING MIXTURES

A bespoke range designed to match your field conditions and grazing or silage requirements.

Carefully selected grass and clover varieties work together to:

- > Rebuild sward density
- > Improve forage quality
- > Increase long-term productivity
- > Support livestock performance
- > Available with or without White Clover

Tailored to ensure the right balance of persistence, yield and seasonal growth — helping you get the most from every acre.



Seeds per m <sup>2</sup>	Suggested sowing rate	Pack size	Tetraploid
<b>1156</b>	<b>7-10 kg/acre</b>	<b>20kg</b>	<b>50%</b>

Hybrid Ryegrass	<b>20%</b>
Intermediate PRG	<b>20%</b>
Late PRG	<b>35%</b>

## HERBAL OVERSEEDING MIXTURES

Boost your herbal leys with overseeding mixtures.

Our overseeding mixtures help:

- > Increase herbs and legumes in existing leys
- > Restore productivity & compliance
- > Top up species that failed to establish
- > Suggested sowing rate is 7 kg/ha or 2.8 kg/acre

### SFI Herbal Legume Overseeding Mixture

**CSAM3**

23%	Red Clover
22%	White Clover
20%	Plantain
10%	Chicory
5%	Alsike Clover
5%	Sheeps Burnet
5%	Timothy
4%	Birdsfoot Trefoil
1%	Yarrow

### SFI No Chicory Herbal Legume Overseeding Mixture

**CSAM3**

25%	Plantain
23%	Red Clover
22%	White Clover
5%	Timothy
5%	Alsike Clover
5%	Sheeps Burnet
5%	Sheeps Parsley
5%	Fenugreek
4%	Birdsfoot Trefoil
1%	Yarrow

### SFI no Chicory, Red or Alsike Clover Mixture

**CSAM3**

35%	White Clover
20%	Plantain
15%	Timothy
6%	Fenugreek
6%	Sheeps Burnet
6%	Sheeps Parsley
5%	Birdsfoot Trefoil
5%	Black Medick
2%	Yarrow

# THE SUSTAINABLE FARMING INCENTIVE (SFI)

While SFI 2026 remains a broad and accessible scheme for most farms, several changes have been introduced since SFI 2024 closed in March 2025.

Applications will no longer be accepted on a rolling basis and will instead be limited. Some options have been revised, and payment caps will apply. As a result, it will be important to plan carefully when putting new agreements in place.

## Application windows

SFI 26 will be introduced in two phases:



### Window 1:

Opens in June 2026 for approximately two months, depending on budget uptake. This phase is aimed at small farms (under 50 hectares) and those without an existing ELM revenue agreement (SFI, CS or HLS).



### Window 2:

Opens in September 2026 for all other farms. The closing date will depend on available budget, this window not expected to remain open for long.

## Noticeable changes for 2026



### PAYMENTS

- > Some payment rates have been revised, **three of the more popular actions have been reduced.**
- > Importantly, reductions will apply only to new SFI26 agreements and will **not affect existing SFI23 or SFI24 agreements**



### ACTIONS

- > The number of actions has been **reduced from 102 to 71**
- > Actions that previously had a five-year duration will move to **three-year agreements** under SFI26.



### LIMITS

**Capping:** No SFI26 agreement can exceed a value of £100,000.

**One agreement:** Each farm business is limited to a single SFI26 agreement.

**Rotational actions:** Unlike previous rules, the area or value of rotational actions cannot be increased beyond what was agreed in Year 1.

**25% area cap:** There are now 10 limited area actions, which whether applied individually or in combination, cannot cover more than 25% of the farm's total agricultural area.



See the government website for the most up to date information.

[SFI26: details, definitions and what to expect – The Farming Blog](#)



## A SIMPLE GUIDE FOR FARMERS IN WALES

GFE

The **Growing for the Environment** scheme is available to eligible farmers across Wales.

It supports the growing of specific crops and leys that improve environmental performance while still allowing you to produce useful forage and break crops.

Below is a straightforward guide to the main options and suitable seed choices.

### Forage crops – Window 8

You can apply for support under the following options:

#### Mixed (multi-species/ herbal) leys

Suitable mixtures:  
Cymru Red Herbal  
Cymru Green Herbal  
Red Clover or Lucerne  
Straight seed options available

#### Spring cereals under-sown with mixed ley

Cymru Red Herbal  
Cymru Green Herbal

#### Cereal and protein crop mix

Barley & Peas  
Oat & Peas

#### Cereal and protein crop under-sown with mixed ley

Barley & Peas  
Oat & Peas

#### Under-sown maize (Spring/Summer)

Please enquire for suitable mixtures

#### Root or forage crop with ungrazed margins

Suitable straights and mixtures available

#### Spring cereals under-sown with Red Clover

Red Clover straights available  
Mixture options also available

#### Cereal and protein mix with stubbles retained

Barley & Peas  
Oat & Peas

#### Wildlife cover crop

WBS 3  
Northern WBS1

#### (Two-year wildlife options also available – please enquire)

Mixed leys with a closed period  
Cymru Red Herbal  
Cymru Green Herbal  
(No grazing or cutting during the specified period)

### Cover crops – Window 7

This option supports the establishment of an unsprayed cover crop after autumn harvest where land would normally be left bare.

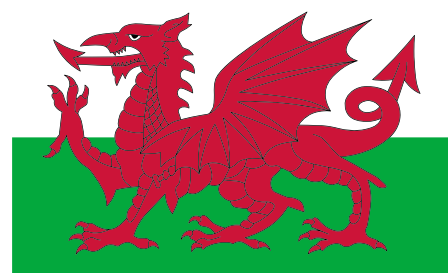
Full rules are available from the Welsh Government website.

### SFS UA6 – Temporary habitat creation

Under the **Sustainable Farming Scheme**, farmers can access payments for temporary habitat creation on improved land.

The scheme includes:

- > A Universal Layer (basic actions and payments)
- > Optional and Collaborative Layers (additional payments)



# WHOLECROP SILAGE MIXTURES

## A profitable break crop with real forage value

Wholecrop silage is one of the most effective break crops between grass reseed, creating ideal conditions for the following ley with minimal additional cultivation.

It delivers high forage yields, reduces nitrogen costs and improves soil fertility for the next crop.

**50% Barley: 50% Peas**

**60% Barley: 40% Peas**

**40% Barley: 60% Peas**

**50% Barley: 40% Peas: 10% Vetch**

### Key benefits

- > Excellent break crop ahead of full reseed
- > Improves soil structure and field conditions
- > Can be grown with zero bagged nitrogen
- > Leaves valuable residual nitrogen for the following crop
- > Ready to harvest in just 12–14 weeks

### Performance you can expect

- > 12–13 tonnes DM/ha at 45% DM (approx. 5 tonnes DM/acre)
- > Fresh weight yields of up to 55 tonnes/ha (20 tonnes/acre)
- > High output in a short growing window

### Added value with peas

Including peas in the mixture can:

- > Increase protein content by up to 50%
- > Contribute 70+ kg residual nitrogen per hectare
- > Reduce fertiliser requirements for the next crop

### Undersowing option

- > Wholecrop can be undersown with a competitive grass mixture to establish your next ley at the same time.

*Note: The wholecrop seed rate must be reduced when undersowing.*

### Establishment guidelines

<b>Sowing date</b>	Mid-March to Mid-April
<b>Sowing depth</b>	3–4 cm
<b>Seed rate</b>	75kg per acre (180kg per ha). If undersowing use 50kg per acre



## WHOLECROP SILAGE

### Grow more feed. Buy less protein.

Wholecrop silage offers livestock farms a high-yielding, fast-growing forage that improves soil fertility while reducing fertiliser and protein costs.

Perfect between reseed, it sets up your next grass ley while delivering valuable forage in just 12–14 weeks.

### Financial advantages

- > Zero bagged nitrogen required
- > 70+ kg residual N/ha when peas are included
- > Reduced bought-in protein
- > Improved soil condition ahead of reseed

### Wholecrop silage

- > Lower inputs. Higher protein. Stronger margins

### Output that stacks up

- > 12–13 t DM/ha at 45% DM
- > 55 t fresh weight/ha
- > High-protein option when peas are included

Undersow with a grass mixture to establish your next ley at the same time — maximising field productivity.

# ARABLE CROPS



## MORE THAN JUST FORAGE SEEDS

Did you know ACT can also supply a wide range of combinable crop seeds on the AHDB Recommended List including:

- > wheat
- > barley
- > oats
- > triticale
- > hybrid rye
- > peas & beans



## STARTER FERTILISERS

### FERTILISERS

Starter Fertilisers are of the utmost importance for crop establishment, providing crop nutrition where the plant needs it most, by the roots. Increased germination and root development leads to a healthier crop with increased yields and forage value!

### ACT STARTER FERTILISERS

- 5-18-19 + 1.5MgO 14SO3 13CaO (GAFSA Biophos/Poly)
- 0-15-21 + 21 SO3 + 24.5 CaO + Fulvic Acids (Gafsa Biophos/Poly) Organic Approved

### TRADITIONAL STARTER FERTILISERS

DAP  
Enhanced DAP  
Physiolith

Gafsa  
Physiostart  
Pink Start - (OSR)

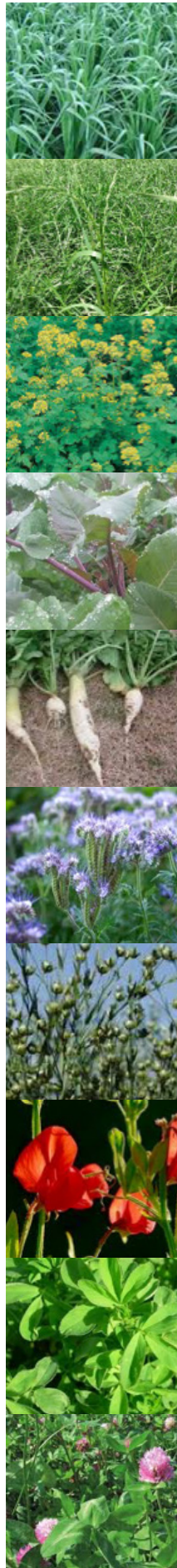
Bespoke Blends  
- with added micro nutrients



# SOIL IMPROVING SPECIES



<p><b>Forage Rye</b></p> <p>Excellent weed suppression and high biomass. N and K lift and hold. Increase organic matter in soil. Quick to establish so can be sown later. Often sown with Vetch as a cost effective cover crop.</p> <p><b>Sow at 60kg/ha</b></p>	<p><b>Oats</b></p> <p>Excellent weed suppression due to Allelopathy. N, P, K and Mg lift and hold and increase organic matter in soil. Can be sown with vetch. Use winter types to last overwinter, spring if you want it to die off in frost.</p> <p><b>Sow at 50kg/ha</b></p>
<p><b>Italian Rye Grass</b></p> <p>Excellent biomass production above and below ground. IRG is quick to establish with weed suppressing qualities. Long term soil improvement characteristics which can be grazed or cut for silage.</p> <p><b>Sow at 25kg/ha</b></p>	<p><b>Westerwold Ryegrass</b></p> <p>Excellent biomass production above and below ground. IRG is quick to establish with weed suppressing qualities. Medium term (6 -9 months) soil improvement characteristics which can be grazed or cut for silage.</p> <p><b>Sow at 25kg/ha</b></p>
<p><b>Black Oats</b></p> <p>Very quick establishment for good weed suppress as also alleopathic. N and K lift and hold/variable frost susceptibility/Increases organic matter.</p> <p><b>Sow at 40kg/ha</b></p>	<p><b>White Mustard</b></p> <p>Excellent biomass and so increases organic matter. Superior weed suppression. Traps N and K in growing crop. Produces isothiocyanate giving biocidal effects against weeds and pests. Some nematode activity.</p> <p><b>Sow at 12kg/ha</b></p>
<p><b>Brown Mustard</b></p> <p>Very strong early vigour for weed suppression. Produces isothiocyanate for biocidal effects. Active against PCNs. Some frost tolerance. Increases organic matter and traps N and K. Suitable for grazing. Can be sown later than most crops.</p> <p><b>Sow at 5kg/ha</b></p>	<p><b>Kale/Mustard Hybrid</b></p> <p>Very quick to establish for excellent weed suppression. Traps N, P and K. Is frost tolerant. Can provide excellent game bird cover over winter. e.g. Carbon.</p> <p><b>Sow at 5kg/ha</b></p>
<p><b>Oil Radish Standard</b></p> <p>Deep root soil conditioner, good weed suppressant plus high biomass so increases soil organic content. Traps N and K. Produces high levels of isothiocyanate for biofumigation and some nematode control. Most oilseed radish exhibit club root resistance.</p> <p><b>Sow at 12kg/ha</b></p>	<p><b>Oil Radish Class 1</b></p> <p>Offers the best of beet cyst nematode control</p> <p><b>Oil Radish Class 2</b></p> <p>Significantly reduces beet cyst nematodes.</p>
<p><b>Tillage Radish</b></p> <p>Longer tap root for deeper soil conditioning. Also traps N and K. Produces isothiocyanates for biofumigation. Significant control of beet cyst nematode as well as other nematodes.</p> <p><b>Sow at 12kg/ha</b></p>	<p><b>Phacelia</b></p> <p>Excellent disease break crop/insect attractant, hover flies eat aphids. Breaks down quickly for C, P, K and Mg.</p> <p><b>Sow at 6kg/ha</b></p>
<p><b>Buckwheat</b></p> <p>Raises nutrients N and P lift and hold as buckwheat is an excellent phosphate trapper. Very quick growing with large biomass. Insect attractant. Can be very susceptible to frost kill so a short catch crop.</p> <p><b>Sow at 50kg/ha</b></p>	<p><b>Linseed</b></p> <p>Easy to establish and is good at helping lift Nitrogen in soil. Branching tap root for soil conditioning. Not as attractive to slugs as some other species.</p> <p><b>Sow at 30kg/ha</b></p>
<p><b>Vetch</b></p> <p>Excellent nitrogen fixer especially if drilled early, very compatible with rye/oats. Spring and Winter vetch options are available.</p> <p><b>Sow at 40kg/ha</b></p>	<p><b>Red Vetch</b></p> <p>Quick growing high biomass option. A more frost susceptible vetch option.</p> <p><b>Sow at 40kg/ha</b></p>
<p><b>Berseem/Alexandria/Egyptian Clover</b></p> <p>Annual legume for nitrogen fixing. Quick establishment but variable frost susceptibility. Single cut type with no regrowth habit also available.</p> <p><b>Sow at 12kg/ha</b></p>	<p><b>Lucerne</b></p> <p>Can be slow to establish but capable of fixing nitrogen. Not ideal for late drilling.</p> <p><b>Sow at 20kg/ha</b></p>
<p><b>Crimson Clover</b></p> <p>Grows at lower temperatures than other annual legumes. Quick establishment with upright growth habit/weed suppressant/degrades into soil very quickly.</p> <p><b>Sow at 12kg/ha</b></p>	<p><b>Red Clover</b></p> <p>Historically used as a nutrient restorer and should not be forgotten. Great nitrogen fixer but needs to be drilled early. Winter hardy perennial.</p> <p><b>Sow at 12kg/ha</b></p>



# SOIL IMPROVING SPECIES



The range of green manure mixtures on this page have been specially formulated to help protect soils as well as improving soil health and fertility.

Mixture Species	Uses and scenarios
<b>Rye + Vetch</b>	Quick to establish and prolific tillering gives excellent winter cover and weed control. The Vetch fixes nitrogen through the life of the crop and Rye holds the nutrients making it available for following crops. Deep rooting habit helps penetrate into tight soils. High biomass production to increase soil organic matter. Can also be grazed in winter or left for a silage cut in early spring.
<b>Rye + Vetch + Mustard</b>	Addition of mustard increases the biomass and autumn ground cover. Excellent winter grazing potential.
<b>Oats + Vetch</b>	Similar characteristics to Rye + Vetch however can be used where Take-all is an issue. Rapid establishment and very good cover and weed suppressant.
<b>Rye + Vetch + Phacelia + Oil Radish</b>	Large biomass for maximum organic matter incorporation potential. This rapidly establishing mixture gives very good weed suppression. Differing rooting depths and growth habits make this a superb cover crop. Grazing potential is also good.
<b>Oats + Mustard + Phacelia + Oil Radish</b>	True multi-species mixture with differing rooting depths and growth habits which helps penetrate tight soils. High biomass potential for increasing organic matter production and weed suppressing.

**For specialist animal health advice ring our Animal Health Team on 01425 474455**

Brassicas have a poor mineral profile and are found to be deficient for selenium, iodine, copper and cobalt, so it is essential that animals are supplemented with such, generally in the form of a bolus.

The **ACTOTRACE** range of cattle and sheep boluses contain the highest levels of Iodine and other essential trace elements of any bolus on the market.

**ACTOTRACE**  
BOLUS FOR CATTLE & SHEEP



# ACTION SILAGE ADDITIVES

## MAXIMISE RETURNS FROM HOME-GROWN FORAGE



### For grass silage

#### **Silo Action Bacterial Silage Enhancer**

- > Turns grass to silage in just two days. The efficient fermentation gives 20% less protein breakdown and saves 5% dry matter giving you more silage to feed

#### **Silo Action HD Bacterial Silage Enhancer**

- > Use when heating is an issue, keeps silage cool and stable across a range of dry matters
- > Silo Action HD gives face stability for up to 7 days



### For wholecrop silage

#### **Coolsile Wholecrop Plus Preservative / Bacterial Silage Enhancer**

- > Wholecrop silage is prone to heating. Coolsile Wholecrop Plus prevents heating and produces cool stable wholecrop silage



### For maize silage

#### **Coolsile Maize Plus Preservative / Bacterial Silage Enhancer**

- > Maize silage is prone to moulds and yeasts which cause heating issues
- > Coolsile Maize Plus keeps maize silage cool and stable



### For SFI mixtures

#### **Coolsile Plus Dual Action Preservative / Bacterial Silage Enhancer**

- > SFI mixtures containing legumes are difficult to ensile
- > The dual action controls the entire fermentation giving aerobic stability and increased animal performance

**CONTACT YOUR AREA MANAGER TO LEARN MORE**

# MAIZE SEED



ACT have a range of new varieties that can be considered the natural upgrades for those who have grown Ambition or Glory looking for an increased yield from early varieties.

All our top performing varieties will give you:

- > **early harvest**
- > **higher yield**
- > **improved digestibility**
- > **increased starch yield**

Ask your Area Manager how a short season maize variety will help in your forage management

## Ultra Early

High starch content makes these varieties economical in less favourable areas or ideal for early harvests from early sowing - or a normal harvest window from later sowing.

Examples: Jardinero, Temprano

## Very Early

Deliver balanced economic performance with high yields from early-maturing crops. Choosing varieties that reliably reach maturity ensures better feeding quality and improved intakes for ruminants.

Examples: Exelon, Dignity

## Early Maincrop

Suitable for more favourable areas where highest yields are the most important consideration. Requires a longer growing season and more favourable conditions. Suitable for Biogas, grain and crimped maize production.

Examples: Keops, Mantilla, Papagino

## Maincrop

Produce very high yields in the most favourable conditions, including for biogas and/or grain production or in arable situations. Offers heavy yields where a longer growing season is possible.

Examples: Gran Turismo, Mantilla, Norrento

VARIETY	MATURITY	FAO	FORAGE	GRAIN	BIOGAS
TEMPRANO	Ultra Early	140	✓✓✓	✓	✓
JARDINERO	Ultra Early	150	✓✓✓	✓✓	✓✓
EXELON	Very Early	160	✓✓✓	✓✓	✓✓
DIGNITY	Very Early	170	✓✓✓	✓✓	✓✓
PAPAGINO	Early Maincrop	190	✓✓	✓✓✓	✓✓✓
MANTILLA	Early Maincrop	200	✓✓	✓✓✓	✓✓✓
NORRENTO	Maincrop	210	✓	✓✓✓	✓✓✓
GRAN TURISMO	Maincrop	220	✓	✓✓✓	✓✓✓

# GRAZING BRASSICA CATCH CROPS

## MAIN SEASON FORAGE CROPS - SOWING & UTILISATION TIMINGS

		Sowing rate kg/acre	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Forage Rape	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Kale x Rape Hybrid	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Stubble Turnip	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Autumn Keep/ Rapid Root	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Meatmaker/ WinterGraze/Zoom	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Extenda-Graze	B	8.0 - 10.0											
	DD												
Fodder Beet	42,000 - 50,000												
Kale	B	1.5 - 2.5											
	DD	0.8 - 2.5											
Swede	B	0.75 - 1.25											
	DD	0.5 - 1.0											
Maincrop Turnip	B	0.75 - 1.25											
	DD	0.5 - 1.0											
Mustard	B	5.0 - 6.0											
	DD	4.0 - 5.0											
Forage Rye	50 - 60												

B - Broadcast DD – Direct Drilled

Sowing

Grazing

## SPRING SOWN FORAGE CROPS - SOWING & GRAZING









		Sowing rate kg/acre	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Forage Rape	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Kale x Rape Hybrid	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Stubble Turnip	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Autumn Keep	B	1.5 - 2.5											
	DD	1.0 - 2.0											
Kale	B	1.5 - 2.5											
	DD	0.8 - 2.5											
Extenda-Graze	B	8.0 - 10.0											
	DD												

Sowing

Grazing

# FODDER & ENERGY BEET

## FODDER & ENERGY BEET SOWING INFORMATION

<b>Optimum Sowing Period</b>	Late March – End April				
<b>Precision Drill</b>	100,000 seeds/ha 45,000 seeds/acre				
<b>Pack Size</b>	50,000 seed unit				
		<b>Low Dry Matter %</b>	<b>Medium Dry Matter %</b>	<b>High Dry Matter %</b>	<b>Very High Dry Matter %</b>
<b>Dry Matter of Root</b>		11 – 13	14 -16	17 – 20	20-23
<b>% Root in Ground</b>		40 - 50	55 - 65	65 - 75	75+
<b>Variety</b>		Feldherr, Jamon	Bangor, Blaze, Robbos	Enermax, Magnum	Brick, Tadorne
<b>Harvest/Utilisation method</b>		Graze or Hand Lift	Graze or Lift	Lift	Lift
<b>Feeding</b>		Whole or Chopped	Whole or Chopped	Chopped	Chopped
<b>Dry Matter Yield</b>		Higher 			
<b>Fresh Yield</b>		Higher 			
<b>Storage Capability</b>		Longer 			
<b>Dirt Tare</b>		Higher 			

### Low – Medium Dry Matter Beet (11-13% DM)

These beet are very low dry matter but very high fresh yields and can be grazed or lifted and fed.

#### Feldherr

- > One of the highest yielding fresh weights from a fodder beet. Ideal for sheep or cattle

#### Jamon

- > Orange rooted, consistent performer with good disease and bolting resistance. Large amount of leaf allowing for easy top lifting



### Medium Dry Matter Varieties (14-17% DM)

Often considered to be lift or graze varieties – ideal for a dairy or cattle grazing. They have uniform sized beet and so are suitable for machine lifting or grazing in situ depending on the system.

#### Bangor (Force Treated)

- > New yellow skinned beet with high yields
- > High proportion of beet above ground and has very uniform smooth beet making it a very flexible grazing and lifting type

#### Robbos (Force Treated)

- > Robbos is ideally suited for first time fodder beet growers
- > Clean yellow roots are easily harvested
- > Available with primed seed

#### Blaze (Force Treated)

- > Blaze has the potential to produce excellent dry matter yields with very clean, bright red roots
- > Low dirt contamination ensures high intakes

### High Dry Matter Varieties (18-23%DM)

Also known as Energy Beet so ideal for AD use but also lifting and transporting/selling. They have uniform sized beet which are 70% in the soil so only suitable for machine lifting

#### Enermax

- > High yielding with a low dirt tare Enermax has a clean, white, smooth-skinned root
- > Shallow rooting resulting in cleaner roots, particularly important for dairy
- > Rhizomania tolerant

#### Magnum

- > Remains a popular choice as it's a consistent performer
- > Uniform sized, white-roots of high DM content
- > Good resistance to rust

#### Tadorne LG (Force Treated)

- > A white rooted variety
- > Bred especially for AD, with very excellent DM yields
- > High DM content reduces clamp losses and enables the beet to be stored for longer
- > Rhizomania resistant

#### Brick (Force Treated)

- > High yielding variety for growers looking to produce a high-quality feed with a higher DM content %
- > Brick is a true fodder beet that delivers very high dry matter yields
- > Rhizomania tolerant

# STUBBLE TURNIPS

## High-output grazing from late summer onwards

The most widely grown grazing brassica — reliable, versatile and highly productive. Yield potential exceeds 4t DM/ha, equivalent to up to 3,500 lamb grazing days per hectare.

### Key benefits

- > Fast growing
- > High energy feed
- > Excellent utilisation
- > Flexible grazing window
- > Suitable for sheep or cattle

### For best results

- > Sow by mid-August
- > Maintain good soil fertility
- > Introduce stock gradually
- > Always offer hay or straw alongside

### Sowing and utilisation

Dry matter (DM)	8-9%	Broadcast	1.5kg / acre (3.7-6.0kg/ha)
Cost per ha	£305/ha (£124/acre)	Optimum sowing period	Mid June-Mid August
Cost per tonne utilised DM	£66	Utilisation	80-100 days (Late September-December)
Cost per tonne fresh weight	£5	Average DM yield	3.5-4.0 tonnes
Drill	1.0-2.0kg/acre (2.5-5kg/ha)	Average fresh yields	38-45 tonnes/ha



### Vollenda – the all-round performer

Vollenda is a highly palatable brassica suitable for summer, autumn, or winter grazing. Its strong bolting resistance makes it a flexible and dependable choice across a wide range of grazing systems, providing consistent performance for both sheep and cattle.

### Samson – performance driven

Samson is a sweet tetraploid variety producing large tankard-shaped roots. It is highly palatable for sheep and cattle and encourages higher intakes, making it an ideal choice for finishing lambs and driving growth efficiently.

### Rondo – late-season specialist

Rondo is a green-skinned variety with strong leafy growth and excellent disease resistance. Its reliability and resilience make it a dependable option for later-season grazing, ensuring quality feed well into autumn and early winter.

### Skyfall – the bounce-back brassica

Skyfall delivers high-protein feed to support optimal livestock growth and performance. Its deep roots and strong regrowth allow up to three grazings from a single sowing, giving farmers flexibility to fill early or late forage gaps.

# FORAGE RAPE AND HYBRID BRASSICAS

## Rapid growth. High protein. Built to perform.

Forage rape and hybrid brassicas are among the fastest-establishing grazing crops available, delivering high-protein leafy feed in a matter of weeks. Under the right conditions, crops can be grazed more than once, making them a flexible and cost-effective tool in modern livestock systems.

Sown in spring, they provide a powerful catch crop to lift mid- to late-summer forage supplies.

Through autumn and winter, they support finishing lambs and help maintain performance when grass availability declines.

Forage rape and hybrids also play a key role in flushing ewes and extending the grazing season well into autumn.

### Sowing and utilisation

Dry matter (DM)	11-12 %
Cost per ha	£408/ha (£166/acre)
Cost per tonne utilised DM	£107
Cost per tonne fresh weight	£5
Drill	1.0-2.0kg/acre (2.5-5kg/ha)

Broadcast	1.5kg-2.5kg/acre (3.7-6.0kg/ha)
Optimum sowing period	Mid June-Mid August
Utilisation	80-100 days (Late September-January)
Average DM yield	3.5-4.0 tonnes
Average fresh yields	24-35 tonnes/ha

## Forage rape varieties

### Emerald

#### A fast maturing forage rape

- > Ready to graze after 10-12 weeks with good dry matter yields and disease resistance
- > High in protein and easily digestible
- > Remaining palatable well into the winter

### Hobson

#### Ideal for finishing lambs

- > Widely proven across UK livestock farms
- > Excellent for finishing lambs
- > Good winter hardiness and disease resistance

### Rampart

#### High feed quality and grazing flexibility

- > Enhanced feed quality and high yield potential
- > Strong winter hardiness
- > Flexible grazing window

## Kale/rape hybrids

### Interval

#### High dry matter performer

- > Proven high DM yields among rape/kale hybrids
- > Helps reduce feed costs
- > Very fast establishment
- > Ready to graze in 12 weeks

### Unicorn

#### High quality kale/rape hybrid

- > Palatable autumn and winter grazing
- > Regrowth potential if not grazed too tight
- > Extended grazing opportunity

### Spitfire

#### Versatile hybrid brassic

- > Strong companion to fast-establishing brassicas
- > Rapid growth — ideal rescue or catch crop
- > Also suitable for game cover



# GRAZING BRASSICA MIXTURES

## Balanced feed. Flexible grazing. Autumn to winter performance.

Catch crop mixtures are an increasingly popular way to provide high-quality, balanced feed in-situ. By blending species such as stubble turnips, forage rape, and kale, these mixtures combine the high energy of turnip bulbs with the high protein leafy growth of forage rape and kale — delivering an excellent, well-balanced feed for autumn and winter grazing.

### Why mixed brassicas?

- > Stubble turnips: energy-rich bulbs
- > Forage rape & kale: high protein leafy feed
- > Extended grazing window and improved winter resilience
- > Kale inclusion ensures legal compliance

### Grazing management

- > Transition stock over 10–14 days
- > Provide access to grass, water and fibre
- > Allocate carefully with electric fencing to maximise utilisation

## Autumn grazing options

Ready in 10–12 weeks — quick turnaround catch crops.

Turnips maintain feed once rape tops are grazed.

### Rapid Root

Composition:

- > 60% Forage Rape
- > 35% Stubble Turnip
- > 5% Kale

### Autumn Keep

Composition:

- > 40% Forage Rape
- > 20% Stubble Turnip
- > 10% Kale

## Late winter grazing options

Carry stock into winter with minimal effort.

Higher forage rape inclusion protects crops for later grazing.

### Winter Graze

Composition:

- > 60% Stubble Turnip
- > 35% Forage Rape
- > 5% Kale

### Meatmaker

Composition:

- > 65% Forage Rape
- > 25% Stubble Turnip
- > 10% Kale



## Sowing and utilisation

Dry matter (DM)	11-12 %
Cost per ha	£408/ha (£166/acre)
Cost per tonne utilised DM	£107
Cost per tonne fresh weight	£5
Drill	1.0-2.0kg/acre (2.5-5kg/ha)

Broadcast	1.5kg-2.5kg/acre (3.7-6.0kg/ha)
Optimum sowing period	Mid June-Mid August
Utilisation	80-100 days (Late September-January)
Average DM yield	3.5-4.0 tonnes
Average fresh yields	24-35 tonnes/ha



**Call your Area Manager for more information.**

Alternatively contact Customer Services on

**08000 275 276**

Our team can put you in touch with the best person  
to help with your enquiry.



**your farming supplies people**