

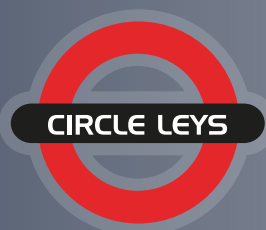


NICKERSON

Forage Guide 2025



Technical information to help you select the right forage options, from the Original Seed Specialists.





NICKERSON

The Original Seed Specialists

Welcome to the Nickerson Maize and Forage Seed Guide, your comprehensive resource for achieving success in profitable forage crop production.

As trusted suppliers of premium-quality seeds, we understand that

every farm is unique, and choosing the right varieties for both your individual farm and system is critical for maximising yield, quality, and profitability. This guide is designed to help you make informed decisions, offering tailored solutions to meet the diverse needs of your farming enterprise.

Nickerson has a proud heritage, and a reputation for providing farmers with access to the latest material, as well as developments in maize and forage breeding. We have over 75 years of innovation and excellence behind our varieties.

Whether you are looking for high-energy maize silage to fuel your beef or dairy herd, or a consistent supply to support an AD plant, we have high yielding and reliable seed stock to suit your need. If you are looking for a versatile & unique whole-crop solution, or resilient grass leys to sustain an efficient grazing and cutting system, we can help. Our portfolio delivers exceptional results, and our Seed Specialists work closely with you to support you in achieving your farming goals.

This guide will give detailed insights into our carefully selected range of maize hybrids, Circle Leys and LG forage crops. We have highlighted their performance characteristics

and suitability for different soil types, as well as disease resistance profiles. We also include practical advice on agronomy, establishment, and harvesting techniques to help you unlock the full potential of our seeds.

At Nickerson, we are committed to helping you grow your future. We take a granular approach to technical farming, combining the expertise of our individual Seed Specialists and focussing on sustainability and innovation to meet the ever-changing needs of our customer. Our seeds and seed mixtures are designed to optimise your farm's productivity, while meeting the challenges of modern agriculture head on.

Wishing you a trouble-free 2025 growing season!

Sam Lovegreen



Le Chateau Welly Giveaway

Sign up to our Mailing List to be entered into our Free Prize Draw



SCAN FOR MORE DETAILS

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Welcome to our technical guide to select the right forage option.

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Growth Promoting Agent



To improve establishment, most Circle Leys are treated with a GPA and Seed Film Coating as standard.

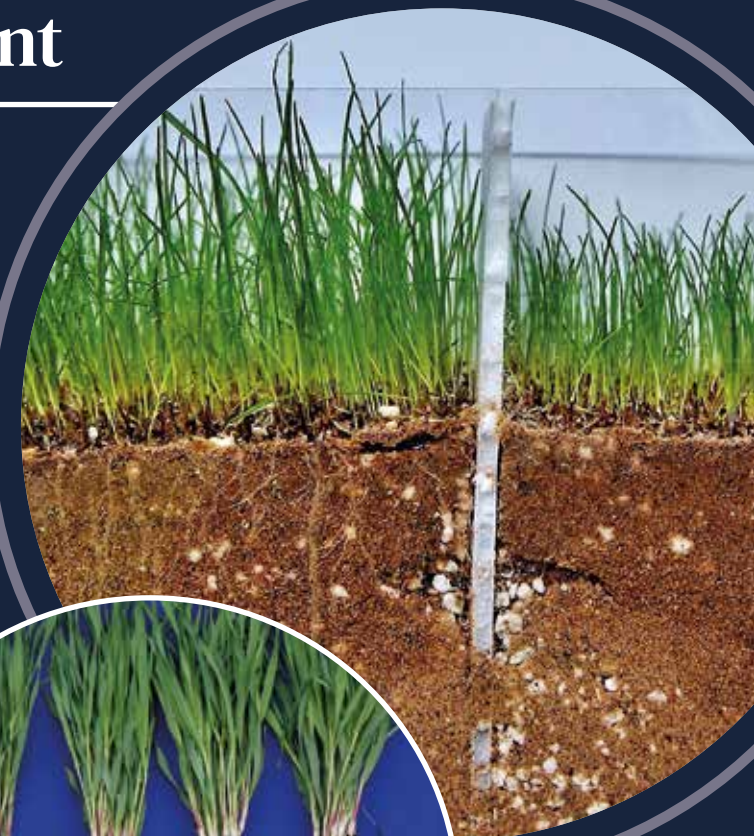
GPA (Growth Promoting Agent) is a researched blend of nutrients essential for plant growth. These stimulate seedling germination, particularly under stress conditions and encourage larger root systems, enabling the plants to absorb soil nutrients more efficiently.

Seed Film Coating

Seed Film Coating is a technique that forms a polymer film around the seed in which a range of conventional and innovative seed treatments can be carried.

Seed Film Coating offers several major benefits to the seed and its application.

- **Accurate application of GPA seed treatment**
- **Increased efficacy of the GPA**
- **Less dust in the seed**
- **Improved establishment to absorb soil nutrients more efficiently**



Seed Quality

Mixture trialling

Nickerson believe in the importance of mixture trialling. Recommended Lists from DARD, NIAB and SAC are used as a starting point, but these take little account of how individual varieties perform when grown together in a farmer's grass ley. This is where Nickerson research begins.

Mixture trialling is the key to ensuring that only the very best grass mixtures find their way onto your farm.

Highest seed standards possible

Good establishment is essential to achieve full production potential. Poor establishment results in weed invasion, increased poaching and loss of yield. Seed of the highest quality is critical to achieve good establishment.



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CIRCLE LEYS

CIRCLE LEYS

	 RED CIRCLE	 BLUE CIRCLE	 GOLD CIRCLE	 BRONZE CIRCLE
	RED CIRCLE	BLUE CIRCLE	GOLD CIRCLE	BRONZE CIRCLE
Page Number	10	9	9	8
Longevity	Up to 10 years	5 - 8 years	4 - 6 years	4 - 6 years
Dairy Cow Grazing	● ● ● ● ●	● ● ●	● ● ● ●	● ● ● ●
Beef Stock Grazing	● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ● ●
Sheep Grazing	● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ● ●
Clamp Silage	● ● ● ●	● ● ●	● ● ● ● ●	● ● ● ● ●
Hay / Bale Silage	● ●	● ● ● ● ●	● ● ● ●	● ● ● ●
Early Spring Growth	● ●	● ● ● ●	● ● ●	● ● ●
Intermediate PRG		✓	✓	✓
Late PRG	✓	✓	✓	✓
Italian Ryegrass				
Westerwold Ryegrass				
Timothy	✓ [†]	✓	✓	✓
Italian Hybrid				
Perennial Hybrid		✓		
White Clover	✓ [*]	✓ [*]	✓ [*]	
Red Clover				



CIRCLE LEYS

QUICK REFERENCE CHART

 AMBER CIRCLE	 SILVER CIRCLE	 GREEN CIRCLE	 PRO PLUS	 CATCH CROP
AMBER CIRCLE	SILVER CIRCLE	GREEN CIRCLE	PRO PLUS	CATCH CROP
8	7	6	7	6
3 - 4 years	3 years	2 years	2 years	1 - 2 years
● ● ●	● ● ● ●	● ●	● ●	● ●
● ● ●	● ● ● ●	● ●	● ●	● ●
● ● ●	● ● ● ● ●	● ● ●	● ● ● ● ●	● ● ●
● ● ● ● ●	● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ●
● ● ● ● ●	● ● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ●
● ● ● ● ●	● ● ● ●	● ● ● ● ●	● ●	● ● ● ● ●
✓	✓	✓	✓	✓
✓	✓			
		✓	✓	✓
		✓	✓	
✓	✓			
	✓		✓	
			✓	

* Available with or without white clover † Available with or without Timothy

CATCH CROP

CATCH CROP

Catch Crop is a 1-year ley designed to produce large quantities of grass over a short period.

Growth pattern

The inclusion of Westerwolds means the ley can be sown in the spring and still produce good stemmy growth that year. It produces high yields of forage as silage and is ideal for baling the same year as it is sown.

Alternative use

The ley can be sown in autumn. Whilst Westerwolds are not known to be winter hardy, the inclusion of Italian Ryegrass and Perennial Ryegrasses mean that it winters well, producing unrivalled early spring growth.

Before maize

The ley can be sown the previous autumn and a cut taken prior to maize being planted in the spring. It can produce large yields which will be higher in DM and quality than forage rye.



Meets
overwinter
cover crop
soh4

GREEN CIRCLE

GREEN CIRCLE

Green Circle is a 2-year intensive silage/ grazing mixture.

Early bite

Green Circle gives grazing or zero grazing up to 3 weeks earlier than other leys. This means big savings in feed costs at a time of high milk and meat prices.

Extensive use

Green Circle can produce high quality hay and big bale silage and as a clamped product it is ideally suited to Anaerobic Digestion systems. The use of Italian Ryegrass and Tetraploids, which are naturally high in sugar, ensures a rapid stable fermentation.

Easy to manage

Varieties with a narrow band of heading dates are chosen which ensures all constituents in Green Circle head and reach 70 D-value at the same time.



Rapid establishment & disease resistance

Green Circle contains aggressive varieties, enabling a quick return to production.

This is enhanced by using high germination seed that is treated with a GPA.

Additionally, a mixture of varieties with good resistance to Rhynchosporium, Mildew and Ryegrass Mosaic Virus helps to ensure disease-free swards.

Two full years of production

Green Circle contains Perennial Ryegrasses, so it will not thin out in the second year like many straight Italian Ryegrass Leys.

PRO PLUS

PRO PLUS

Pro Plus Circle is a combination of Red and White Clover, Italian, Hybrid and Perennial Ryegrasses, for 1 or 2 years of production.

- High protein forage
- High quality fibre source
- High yield mixture
- Fertility building mixture
- Ideally suited for both conventional and organic systems

Traditionally used to produce high quality hay. Pro Plus Circle is equally suitable for silage, aftermath grazing and restoration of soil structure (green manuring).



SILVER CIRCLE

SILVER CIRCLE

Silver Circle is a 3-year ley ideal for fattening lambs and beef animals. It can also be used to produce heavy cuts of quality silage or hay if required.

- Palatable grazing
- Excellent groundcover
- Quality hay and silage
- Good resistance to poaching

Continuous growth throughout the season

Silver Circle contains a range of grass species that produce a steady but increasing amount of growth throughout the season.

Good early spring growth

Silver Circle contains varieties with excellent early growth which allows for an early turn out of stock and a huge saving in concentrate bills.

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BRONZE CIRCLE

BRONZE CIRCLE

Bronze Circle is a similar mixture to Gold Circle, just without the white clover.

The removal of Clover means that the ley can be sown later in the season, as soil temperatures will not be as important.

This allows for an additional kilo of perennial ryegrass to be added to the bag, which increases perennial ryegrass seeds/m² to 107%, over that of a conventional clover mixture.

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AMBER CIRCLE

AMBER CIRCLE

Amber Circle is a 3-4 year, highly productive, cutting and grazing mixture for the farmer who wants an "Italian Ryegrass" level of production but does not want to re-seed after 2 years.

- Superb early spring growth
- Quick recovery from cutting
- Superb hay
- Good disease resistance
- Simplified weed control

Very high yields

Amber Circle contains varieties that produce very high yields at the first conservation and subsequent cuts.

Early silage plus "early bite"

Perennial Ryegrass varieties are chosen for good early spring growth characteristics.



GOLD CIRCLE

GOLD CIRCLE

Gold Circle are 4-6 year cutting leys that produce high yields of quality silage with good grazing potential.

Top quality silage and hay

Achieved by selecting varieties and species with high D-value, high levels of sugar and protein content.

Good early spring growth

Intermediate and Late Perennials provide a good quality early bite or an early silage cut.



Reliable and durable

The use of prolific tillering varieties aids moisture retention, reduces soil contamination in silage, and aids rapid recovery after cutting.

Extended grazing

Late Perennial Ryegrasses start growth early and finish late, giving 3 weeks more leafy grazing. They also grow well in summer when other species slow down production.

This is enhanced by using high germination seed that is treated with a GPA.

Additionally, a mixture of varieties with good resistance to Rhynchosporium, Mildew and Ryegrass Mosaic Virus helps to ensure disease-free swards.

BLUE CIRCLE

BLUE CIRCLE

Long term mixture designed for the farmer who wants exceptional all-round performance from his grass.

- Very early bite and silage
- Responds well to high and low inputs
- Winter hardy and drought tolerant
- Resistant to poaching
- Superb hay
- Quick recovery from cutting

Excellent big bale silage

Blue Circle achieves this by having a selected range of ryegrasses of different heading dates and growth habits. Silage with a high dry matter is readily achieved with Blue Circle.

Top class grazing

Blue Circle is ideal for long term grazing of sheep and suckler cows. By using a carefully selected blend of Ryegrasses, Clover and Timothy, grass with high digestibility, sugar and protein content is produced.





RED CIRCLE

RED CIRCLE

- High yields
- Quick recovery from cutting
- Winter hardy and drought tolerant
- Easy to establish
- Excellent poaching resistance

Excellent animal performance

Achieved by using late Perennial Ryegrasses, Clover and Timothy. This blend of species will improve palatability in dry weather and in mid-summer, ensuring maximum intake of high quality grass and optimising animal production.

Very high quality

Red Circle's blend of late heading Perennial Ryegrasses, Clover and Timothy provide high D-value combined with high levels of sugar, minerals and protein content.



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SFI (Sustainable Farming Incentive)

The introduction of the Sustainable Farming Incentive (SFI) in 2023 heralds significant change in the both the landscape of the UK and the practice of British agriculture. Farmland is increasingly being sown with crops designed to benefit wildlife, including farmland birds and pollinators.

Several on-farm environmental initiatives were previously available through Countryside Stewardship, however the SFI 2024 offering has expanded the possibilities for growers looking to take advantage of environmental subsidies.

New options included under the current scheme include; **crops for soil health and nutrient management**, such as herbal leys and legumes on improved grassland, **crops for integrated pest management**, such as companion crops and undersown maize, **crops for farmland management**, such as winter bird food mixtures and **crops for field margins and buffer strips**.

Speak to your **local Nickerson Seed Specialist** about these and many more tailored mixes to suit your SFI requirements and best meet the needs of your individual farming system.



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Forage Options

With feeding costs typically making up a significant proportion of production costs, introducing a selection of forage crops can help to reduce these costs and improve your profitability.

Although grass must be the priority for most enterprises, forage crops can have a key role to play, especially in drought years, when grass growth and recovery after cutting decreases significantly.

There are many crop options to consider; from high yielding harvested crops such as fodder beet, to grazed crops like

stubble turnips. Whichever option you choose will help enable you to reduce feeding costs, extend the grazing season, and provide an excellent break crop.

Whether you're a lamb, beef or dairy producer, Nickerson have the right forage option to suit your farm business.

Fodder Beet

New and proven LG fodder beet varieties offer high yields of high energy feed



Swede

Swedes provide high DM yields and can be a cost-effective crop with low costs of production



Kale

Kale is an economical option to grow with a flexible utilisation period



Wholecrop & Crimped Cereals

A good option for areas where maize can't be grown, wholecrop and crimped cereals supply a consistent quality feed



Bounce Back Brassica

LG bounce back brassicas, such as Skyfall, offer up to 4 grazings from one crop



Forage Rye

A catch crop of forage rye can help enrich soil and can be a flexible sowing option after maize or cereals



Stubble Turnip

A fast-growing catch crop with flexible sowing options, providing autumn or winter feed



Lucerne

High protein forage option with 4 cuts per year possible

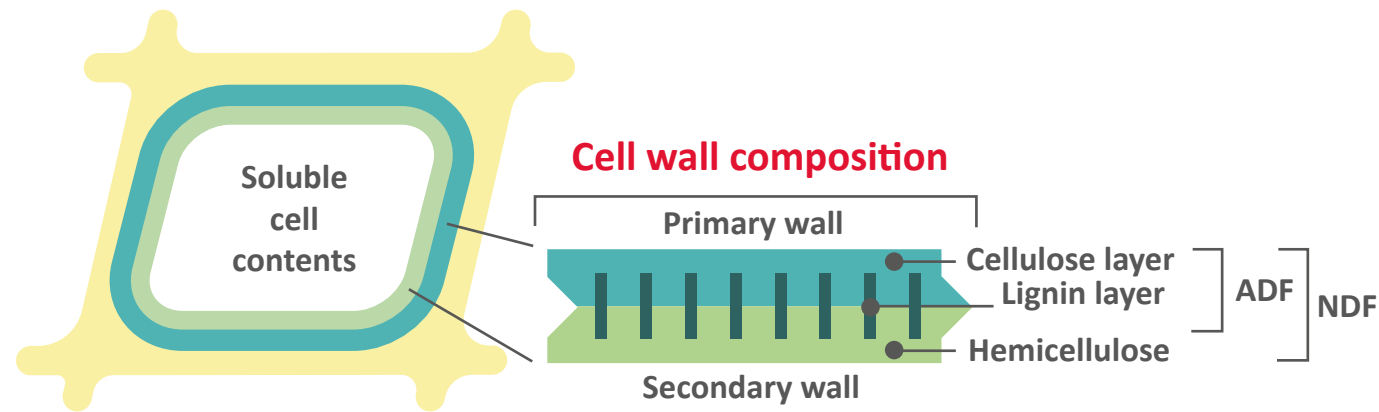


Forage Rape & Hybrids

Suitable for dairy, beef or sheep production, forage rape is a leafy catch crop that is fast growing



Maize Feeding Quality



Is cell wall digestibility the same as fibre digestibility?

The digestibility of fibre (dNDF) in maize is measured by cell wall digestibility (CWD). CWD measures the extent to which animals can digest maize plant fibre. As lignin content increases, cell wall digestibility declines.

The higher the cell wall digestibility, the better the potential feed value of the plant.

Digestible fibre (dNDF) - the key to improved performance

Dairy cows need to maximise dry matter intake (DMI) if they are to absorb sufficient energy to maintain high levels of milk production.

AD plants can improve efficiency of gas production by increasing the highly degradable fibre content of maize silage to help speed passage through the digester.

To maximise feed quality, select maize varieties with both high starch content and cell wall digestibility.

Cell wall digestibility and diet formulation

The greater the proportion of maize silage in the diet, the more important the cell wall digestibility becomes.

The lower the digestibility of cell wall, the slower the rate of forage digestion. Varieties with poor cell wall digestibility impact feed intakes with slower digestion and reduced production.

A maize variety with improved cell wall digestibility can be formulated into the diet at a higher level than one with a lower cell wall digestibility, saving money on purchased concentrates.

Maize Establishment and Bird Control

Seed Treatment

The unique formulation of Korit® PRO provides protection from birds and soil-borne, damping off diseases. It also contains micronutrients to aid early plant development, assisting the plant to grow in this crucial stage.

Korit® PRO

Korit® PRO provides protection

- Bird repellent against crows, rooks and pheasants
- Fungicide protection against damping off diseases including Pythium and Fusarium

Korit® PRO improves growth:

- Increased rooting power, with plants developing a healthy and productive root system
- Better plant health and anchoring up to harvest
- Inclusion of manganese to aid chlorophyll formation and photosynthetic action
- Inclusion of zinc to aid protein formation, particularly beneficial if soils become cold or wet



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Damage caused by birds

Maize is most vulnerable to bird damage during early emergence, up to 3-4 leaf phase. Rooks and other corvids can pick out newly sown seeds or small seedlings, working down the row and causing substantial losses.

Bird Control

Key to avoiding this issue is to ensure that no grains are left lying on the surface and that the seed is drilled to the correct depth and well covered, so as not to attract attention.

Avoid drilling an isolated crop of maize in a high-risk area, such as near woodland or a rookery. It may be possible to drill seed to a deeper depth of 7-10cm to deter rooks from digging up the seed, however sowing at this depth can be problematic for the seed to germinate successfully, especially in heavier soils.

Always check that soil temperature has consistently reached 10°C at drilling depth for at least 4 consecutive days before drilling and check the medium-term weather forecast will remain warm.



Maize Variety Comparison Table

	VERY EARLY		EARLY					INTERMEDIATE		LATE	
	DUKE	TROOPER	PROSPECT	PROMISE	AMBITION	LG30.179	ASGAARD	LG30.209	LG31.206	LG31.207	MANTILLA
Data Source	BSPB/NIAB Descriptive List 2025	BSPB/NIAB Descriptive List 2025	BSPB/NIAB Descriptive List 2025	BSPB/NIAB Descriptive List 2025	BSPB/NIAB Descriptive List 2025	Limagrain estimated position on the BSPB/NIAB List 2025	Limagrain estimated position on the BSPB/NIAB List 2025	Limagrain estimated position on the BSPB/NIAB List 2025	Limagrain estimated position on the BSPB/NIAB List 2025	BSPB/NIAB Very Favourable List 2025	BSPB/NIAB Very Favourable List 2025
Recommended Use	Forage & AD	Forage & AD	Forage, AD & grain	Forage & AD	Forage, AD & plastic	Forage, AD & grain	Forage & AD	Forage, AD & plastic	Forage, AD & plastic	Forage, AD & plastic	Forage, AD & plastic
Variety Type	Very Early	Very Early	Early	Early	Early	Early	Early	Intermediate	Intermediate	Late	Late
FAO	140	160	170	180	170	190	190	210	210	210	210
Yield (t/ha)	18.1	18.0	18.6	19.6	18.4	17.6	18.5	18.2	19.2	19.0	18.8
Early Vigour (1-9)	7.0	7.1	7.1	7.1	7.1	6.5	7.2	7.6	6.8	8.1	7.2
Standing Power (1-9)	7.7	8.2	7.8	7.4	8.1	7.9	8.0	7.0	6.0	8.2	7.4
Leaf Senescence (1-9)	6.2	6.8	7.2	6.6	6.9	5.7	6.8	7.3	7.1	5.9	6.3
ME Content (MJ/Kg DM)	11.8	11.7	11.8	11.6	11.6	11.7	11.73	11.6	11.6	11.5	11.4
ME Yield (MJ/Ha at harvest)	214,215	210,491	219,931	226,110	212,704	205,782	216,600	211,027	222,844	218,958	214,566
Starch Content (at harvest)	37.2	35.9	35.9	33.1	34.9	34.5	34.4	32.2	31.1	31.8	31.6
Starch Yield (t/Ha)	6.7	6.4	6.7	6.5	6.4	6.1	6.4	5.9	6.0	6.0	5.9
Cell Wall Digestibility (%)	58.2	58.3	59.1	57.9	57.1	58.2	58.1	58.8	59.1	57.7	56.9
Variety Comment	Ultra-early with a touch of class! Duke is newly Listed on the BSPB/NIAB List.	Trooper is a robust and reliable variety, performing well in marginal conditions.	Early, high yields with improved cell wall digestibility. Prospect - it's pure gold!	Maximise energy yields from an early harvest with Promise.	Rock solid agronomic performance producing high yields of quality maize.	An early variety with massive starch yields suitable for forage or grain use.	Asgaard is fast out of the ground with a highly digestible yield.	Improved digestibility and high yields providing quality forage.	A brand new variety which is highly digestible and showing great promise in trials!	Proven performance in different seasons and conditions LG31.207 is quick to establish.	An impressive leafy crop with large cobs that maximises production per hectare.

Very Early Maize

DUKE FORAGE MAIZE TYPE: VERY EARLY FEED: HIGH STARCH CONTENT YIELD: HIGH

The quality, ultra early maize variety

- New! First choice on the BSPB/NIAB 2025 Descriptive List
- Ultra early - suited to marginal sites or for short season
- One of the earliest varieties commercially available in the UK
- Very high yields for ultra early maturity



TROOPER FORAGE MAIZE TYPE: VERY EARLY FEED: HIGHLY DIGESTIBLE WITH HIGH STARCH CONTENT YIELD: AVERAGE

Reliable production of high quality maize.
For an early harvest you can rely on Trooper.

- Very early maturing (MC10) delivering an excellent result in a short growing season
- Robust and reliable, performing well in marginal conditions
- High yielding for an ultra-early variety



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Early Maize

PROSPECT FORAGE MAIZE TYPE: EARLY FEED: HIGHLY DIGESTIBLE WITH HIGH STARCH CONTENT YIELD: HIGH

Early, high yields with improved cell wall digestibility.

- Energy dense with exceptional cell wall digestibility, coupled with excellent agronomic performance
- Agronomic performance
- Exceptional starch yields
- Stable high-performance levels between years



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PROMISE FORAGE MAIZE TYPE: EARLY FEED: VERY HIGH ENERGY YIELD YIELD: HIGH

Fulfil your crops potential. Maximise energy yields from an early harvest.

- New! First choice on the BSPB/NIAB 2025 Descriptive List
- Exceptional ME yield
- Excellent dry matter yields



AMBITION FORAGE MAIZE TYPE: EARLY FEED: GOOD STARCH AND ME YIELD YIELD: AVERAGE

Rock solid agronomic performance producing high yields of quality maize.

- Reliable performance across all sites and seasons
- High starch yields
- High dry matter yields



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Limagrain 

Intermediate Maize

LG31.206 FORAGE MAIZE

TYPE: INTERMEDIATE FEED: HIGHLY DIGESTIBLE
YIELD: VERY HIGH

LG31.206 is a new and highly digestible variety showing great promise in trials

- Very high dry matter yields that reduce costs of production
- Excellent digestibility that maximises ME yield
- Excellent early vigour



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Late Maize

LG31.207 FORAGE MAIZE

TYPE: LATE FEED: VERY HIGH ENERGY YIELD YIELD: VERY HIGH

Performance that impresses! Rapid establishment and vigorous growth right from the start, quality and performance

- Proven performance in different seasons and conditions
- Excellent ME yields
- Rapid establishment and superb early vigour
- Excellent disease resistance

MANTILLA FORAGE MAIZE

TYPE: LATE FEED: HIGH ENERGY YIELD YIELD: VERY HIGH

An impressive leafy crop with large cobs that maximises production per hectare.

- High dry matter yields providing a high return on investment
- Good digestibility for improved feed value
- Ideally suited for the AD market



Maize Varieties for AD

Maize can be successfully grown in most areas of the UK, but it is important to choose varieties suited to the growing conditions of your farm and that can achieve a dry matter content of 30-32%.

As large areas of maize are needed to feed an AD plant, a range of varieties with different maturities should be sown. This enables harvesting before wet weather sets in and helps to avoid soil structure damage.



Recommended for AD

MATURITY	VARIETY	DESCRIPTION	FAO
EARLY	Prospect	Excellent gas yields and digestibility	170
	Promise	High dry matter yields and excellent agronomics	180
LATE	LG31.206	Super quality from mainstream harvest	200
	LG31.207	Very high yielding with excellent vigour	210
	Mantilla	High yielding with good agronomics	210
VERY LATE	Ashley	High yielding and adapted to lighter land	230

Recommended LG maize varieties

The extensive UK-based LG research programme has tested potential new varieties against current commercial ones at trial sites across the country and on working AD plants, for over five years. LG have used a vigorous selection process to ensure that only the very best varieties are available to growers.

Limagrain Maize is also selected for AD to include the following:

- High yield potential
- High quality and CWD for maximum gas per hectare potential
- Excellent disease resistance, ensuring a wider, stable harvest window

Crimping or Grain Maize

Growing maize for grain is an attractive cash crop option, and for arable farmers has the added benefit of breaking the cereals rotation, giving an opportunity to reduce blackgrass populations.

An adjusted combine can be used to harvest the maize at around 30% moisture content.

Dried Grain Maize

Use: Dried grain maize is used by feed compounders, or in the bird and pet food industry.

Recommended varieties: LG31.160, LG30.179, Prospect & Promise

Crimped Maize

Use: Moist crimped grain maize of 25-35% MC for cattle and pig feed.

Recommended varieties: LG31.160, Duke, LG30.179, Prospect, Ambition & Promise

Undersowing and Managing Stubbles

Growing a crop of maize typically means sowing in April/ May and harvesting in September/October. This can leave a period of up to six months where there's an opportunity to use a second crop to gain extra production.

This second crop can be established alongside the maize by undersowing or if early maturing varieties are used, there should be sufficient time to sow a crop into the maize stubbles.

Benefits of Undersowing

Good Environmental Practice

Undersowing maize crops with grass helps prevent soil erosion and the loss of valuable nutrients over the winter months. Damage to soil structure by harvest machinery can also be reduced. The presence of an established understorey of grass will stabilise ground conditions in the event of a wet harvest.

Opportunity for Extra Production

An undersown crop of grass can be grazed by livestock over the winter or cut for silage the following spring giving year-round production.

Recommended mixtures and sowing time and rates

The table below gives typical sowing rates and mixture types to use when undersowing. For best establishment, seed should be drilled rather than broadcast and kept 15cm away from the maize plants to avoid any detrimental yield effects.

MAIZE CROP GROWTH STAGE	SOWING RATE	MIXTURE TYPE	VARIETY/ MIXTURE
At drilling	8kg/Ha	Tall Fescue and Festulolium	LG Under Maize
At 6 leaf stage	15kg/Ha	Festulolium (grazing and cutting types)	LG Over Maize

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