

GRASS SEED



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We have a comprehensive range of grass seed mixtures that are bred, grown, blended and packed by Barenbrug UK, one of the largest grass seed breeders and producers in the UK and Europe. Barenbrug are internationally respected grass breeders dedicated to ensuring farmers achieve the maximum return from grass growth. Their expertise and skills have led to the development of a superb range of quality grass seed mixtures. Do not jeopardise the productivity of your grassland with poor quality grass seed. Invest and renew your pasture for better stock performance.

Grass Mixture	Short Term Leys 1 to 2 years	Short Term Leys 2 to 3 years	Medium Term Leys 4 to 5 years	Long Term Leys 5 years plus	Grazing	Cutting	High Protein	Clover
Ultra Renovate	✓✓✓				✓✓	✓		
Ultra Turbo Mix	✓✓✓				✓✓	✓✓✓		
After Maize	✓✓✓	✓			✓✓	✓✓✓		
Ultra Early Abundance		✓✓✓			✓✓	✓✓✓		
Ultra High-Pro Red		✓✓✓			✓	✓✓✓	✓✓✓	✓✓✓
Ultra Cut 'n' Graze			✓✓✓		✓✓✓	✓✓✓		
Ultra Intensive Dairy				✓✓✓	✓✓✓	✓	✓	✓
Ultra Longlife				✓✓✓	✓✓✓	✓✓	✓	✓✓
Champion with Clover			✓✓	✓✓✓	✓✓✓	✓✓✓	✓	✓✓
Champion without Clover			✓✓	✓✓✓	✓✓✓	✓✓✓		

✓ Average
 ✓✓ Good
 ✓✓✓ Excellent

GET IN TOUCH FOR A FREE COPY OF THE NWF GRASS SEED BROCHURE

01829 797100 | directsales@nwfagriculture.co.uk



THREE REASONS TO RESEED

1 - Increased Yields

- Yield from a ley established this summer.
- Potential yield 11.63 TDM/ha from two cuts.
- Based on data from 2018 RGCL list.
- Compared to an old sward 50% weed grasses with potential as low as 9 TDM/ha.
- At DM value £140/t its worth £360/ha in the first year of sowing.
- Doesn't take into account further cuts in the summer.
- Doesn't take into account grazing yield consumed by stock.

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THREE REASONS TO RESEED

2 - Increased Energy

- Yield from the two cuts could have an energy value of 133,320MJ.
- This is capable of producing – over 25,150 litres of milk, over 2050kg of lamb or over 2400kg of beef.
- When cut at the optimum growth stage, would achieve a 1st cut of 71D (11.3ME) and a 2nd cut of nearly 74D (11.7ME).
- Old swards not only yield less, but also have poorer feed value.
- A typical old sward could have a D value of 60-65D, which would have an ME of between 9.6 and 10.4.
- By introducing modern, high quality varieties, this could be increased significantly.
- By cutting at the optimum growth stage, a 72D silage is achievable and should have an ME of 11.5.

3 - Increased N Efficiency

- 1st step in reseeding - make sure your soils are in optimum health & condition.
- Even the best ryegrasses will not realise their potential when expected to grow in soil which has poor structure, is deficient in P & K and / or has a below optimum pH.
- Aim to maintain a soil pH of AT LEAST 6; pH6.5 where clover is being sown.
- P (Phosphate) and K (Potash) indices of 2.
- In ideal conditions, the major benefit of young Ryegrass swards in terms of efficiency is with nitrogen.
- Ryegrass species are all 100% Nitrogen efficient.
- Weed grasses like annual meadow grass are only 17% efficient.
- Meaning £83 of N is wasted for every £100 worth of N applied.

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ULTRA RENOVATE™

Ideal to improve the productivity of a low performing tired ley for 3-5 years.

Medium Term Leys - 3 to 5 Years

- Renovate is a 100% ryegrass blend for areas of good fertility.
- Uses varieties which are aggressive enough to establish in an existing sward yet easy to manage.
- Specifically designed to work best with specialist overseeding techniques.

Designed for:

- Restoring productivity into underperforming leys.
- Re-introducing vigorous highly productive grasses into a sward.
- Improving the quality of a sward for better animal performance.
- Repairing damage caused by poaching.
- Use with specialist overseeding techniques.

Benefits:

- Includes varieties which are vigorous enough to establish in an existing sward.
- Easy to manage.
- Can be used in spring or autumn to repair and renovate swards.
- Increases the proportion of productive grasses in a sward.

Sward management:

Existing sward should be topped or grazed short and harrowed to remove any dead material and to create some tilth for the new grass seed. Soil fertility (Ph, P,K Mg status) and structure should also be assessed to identify any underlying field issues.

Sowing Rates:

10kg per acre packed in 20kg bags, 707.00 seeds/m² @10kg/acre

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ULTRA TURBO MIX™

A highly productive short term Italian ryegrass blend

Short Term Leys – 1 to 2 years

- A highly productive Italian ley.
- Grows down to 3°C soil temperature, extending the growing season for store lambs or wintering hogs.
- Contains high ranking BARMULTRA II which has excellent spring grazing and silage yields.
- High response to nitrogen inputs and high fertility situations. Ultra Turbo Mix will produce 20% more yield than perennial ryegrass leys.
- Capable of producing four cuts of high quality, high yielding silage.

Designed for:

- Producing maximum amounts of quality forage under a high input/high fertility system.
- A first cut at the end of May, producing 70+D value silage with a second cut five weeks later.
- Giving a very long growing season it is ideal for early turnout or lamb finishing.

Benefits:

- Fits well into cereal crop rotation.
- Ideal for following maize and giving a two year break.
- Gives high quality aftermath grazing.

Sward management:

Grows at temperatures as low as 3°C, so the farm must be able to use this early growth. A first cut at the end of May, following a spring grazing will produce 70+ D value silage, with a second cut five weeks later. Will yield up to 17tDM/ha in its first year under high input management and will achieve up to six cuts a year.

Sowing Rates:

12kg per acre, 1,216 seeds/m²

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AFTER MAIZE - FAST GRASS™

Delivering a high quality grass crop after maize has been harvested.

Short Term Leys – 1 to 2 years

- Very quick establishment.
- Rapid growth at cool temperatures.
- Flexibility of duration with 12, 18 or 24 month production.
- Can be established after a spring cereal harvest.

Designed for:

- Ability to germinate at lower temperatures than conventional leys.
- Safe sowing throughout October.
- Ability to establish faster and better than other leys even in adverse conditions of cold wet seed beds.

Benefits:

- Using the concept of “germination energy” a faster establishment rate of 20% above the average ryegrass is achieved.
- Over winter grazing.
- Stability of soils over winter reducing soil erosion and run off.
- Gives an early silage cut in spring enabling entry back into maize / cereals.

Sward management:

Over winter grazing will produce a dense sward with full potential for an early silage cut in spring.

Sowing Rates:

12.5kg per acre packed in 25kg bags.

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ULTRA EARLY ABUNDANCE™

The ultimate high yielding high quality short term cutting.

Short Term Leys – 2 to 3 years

- Very high yielding two-three year predominantly cutting mixture.
- Responds to high inputs by producing 20% more than long term leys.
- A ley that will produce forage very early and late in the season.
- Good digestibility is combined with excellent palatability and high sugars.

Designed for:

- Intensive production over an 18-36 month period.
- Up to four silage cuts with over winter grazing.
- Long grazing season from early spring to late autumn.
- Ideal as a catch crop, will give excellent production from an early spring or late summer sowing.

Benefits:

- A highly productive ley, which will give exceptional crops for silage, grazing or hay, from a high input system.
- A mixture for the farmer who wants to maximise their own production from a short term grass crop in a rotation.

Sward management:

A first cut in the middle of May will produce 70+ D value silage, with a second cut six to eight weeks later. Hybrid and Italian ryegrass responds positively to high levels of fertility, by producing 20% more yield than Perennial Ryegrass.

Sowing Rates:

13kg per acre, 991 seeds/m².

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ULTRA HIGH-PRO RED™

An outstanding high yielding high protein cutting ley.

Short Term Leys – 2 to 3 years

- Highly productive two-three year high protein ley.
- The red clover both fixes nitrogen and gives a high protein feed.
- Suitable for both hay and silage production.
- High sugar production from grass.
- The most profitable legume/grass mixture for silage production.

Designed for:

- High protein forage production.
- Two or three cuts can be followed by high quality, productive autumn grazing.
- Long production season, grows early spring to late autumn.

Benefits:

- A highly productive, high protein cutting ley, giving the maximum quantity and quality.
- Ideal for those looking to produce home grown protein crops, red clover has a protein content of between 16 and 20%.
- Red clover/grass silage is highly palatable, giving increased intakes.
- Protar Red is a new unique mixture of red clovers. The blend of varieties balances production through the growing season, while maintaining excellent persistency and disease resistance.

Sward management:

Needs to be sown in spring or by early September to allow the clover to establish well enough to survive the winter. A first cut in the middle of May will produce 70D + silage, with a second cut seven to eight weeks later. The first cut will tend to be more grass with red clover being the larger part of the later cuts.

Sowing Rates:

13kg per acre, 1,060 seeds/m²

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ULTRA HYBRID™

A high yielding cutting ley containing 3 of the best Hybrid ryegrass varieties available. Designed as an intensive cutting ley producing high quality silage for 3-5 years. It fits well into medium term rotations, is suitable for multi cut systems and AD plants.

Medium Term Leys – 3 to 5 years

- Designed for a mid-May first cut.
- Available with clover if required.
- Barclamp has very high yields in its first season, excellent early spring growth and high crown rust resistance.
- New variety Bannfoot produces improved yields with high D value along with excellent persistency. It also has a good all round disease profile.

Designed for:

- Hybrid ryegrasses grow at soil temperatures as low as 5-6°C. This lower temperature growth means the grasses get away earlier in the spring and grow later in the autumn extending the growing season and therefore production of the ley. This also allows the sowing window for Ultra Hybrid to be lengthened.

Benefits:

- Will produce 10-15% more yield than Perennial ryegrass leys due to the ability to use Nutrients efficiently via its long season growth.
- Ultra Hybrid delivers a superb silage mixture for farmers. It has a tight heading date range and excellent disease resistance offering strong silage production throughout the season.
- Offers multiple entries for slurry / digestate application, making the most of home produced nutrients.

Sowing Rates:

14kg per acre

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ULTRA CUT 'N' GRAZE™

An excellent cutting and grazing ley for up to 5 years duration. Will produce top quality high yielding silage cuts. Gives the option to graze after cutting.

Medium Term Leys – 4 to 5 years

- Outstanding early spring growth.
- Produces very high-quality silage from an early cut.
- Will produce three good cuts per year.
- Grazing can be combined with cutting for a fully flexible ley.
- Combines the massive yields of hybrid ryegrass with the persistence of perennial ryegrass.

Designed for:

- Excellent early season growth, ideal for early lambing or extended grazing of dairy cows.
- Intensive cutting, up to three cuts per year, combined with high quality grazing.
- Combines the yield of hybrids with the quality and persistence of perennial ryegrass.

Benefits:

- A flexible, productive ley, ideal for those looking for early grass for lamb or cattle grazing, followed by two or three cuts of quality silage.
- When cut only it will produce up to three prolific cuts of leafy, productive forage.
- The varieties in the ley have been selected for their digestibility and palatability, which ensures maximum animal output.
- Contains FINTONA, the highest yielding perennial ryegrass ever listed in the UK.

Sward management:

Hybrids lower temperature growth will give excellent early spring grazing. An early spring grazing can be followed by two cuts of quality silage or a cut of hay plus aftermath grazing. The ley will also produce extremely long-season productive grazing, capitalising on the early spring and late autumn growth of the hybrid ryegrasses.

Sowing Rates:

14kg per acre, 1,361 seeds/m²

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ULTRA INTENSIVE DAIRY™

A highly productive grazing ryegrass mixture that will give season long quality forage.

Long Term Leys – 5 years plus

- Very late heading dense leafy mixture.
- Large “window” to cut 70+D silage.
- Exceptionally versatile, suitable for both cutting and grazing.
- Produces a dense, productive ley, for high quality grazing.
- New variety GRACEHILL is an excellent all-round performer right across the growing season, producing superb annual yields of high digestibility grass under both grazing and silage management along with extremely high metabolizable energy (ME) yields per hectare.

Designed for:

- Intensive production from grazing a highly palatable, very digestible ley.
- Creating a tight persistent sward that is highly resistant to poaching.
- Season long grazing from early spring to late autumn.

Benefits:

- Ultra Intensive Dairy produces a dense leafy sward that is easily managed.
- The use of late heading varieties means that production always of the highest quality.
- The varieties used have been selected for their persistence as well as their palatability and mid-season digestibility to produce a long lasting, productive sward.

Sward management:

This ley was initially designed as a dairy paddock grazing mixture but has been cut and grazed very successfully on all types of farms. Tight heading date grouping make it easily manageable and reduces the need for topping. Grass growth from this mix stays in front of the cows not ahead. This means cows are always grazing optimum quality grass. Cut at first ear emergence, in the 3rd week of May, this ley will produce grass of 70+D.

Sowing Rates:

14kg per acre, packed in 14kg bags, 1,705 seeds/m²

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ULTRA LONGLIFE™

A permanent pasture mixture, with the option to take later cuts of quality silage.

Long Term Leys – 5 years plus

- The permanent pasture mixture.
- Exceptionally versatile, suitable for both cutting and grazing.
- Produces a dense, productive ley, for high quality grazing.
- Including quality white clovers contributes both protein and minerals, to ensure maximum performance from the grazing animal.
- The very high yielding Timothy, COMER, gives mid-season production and variety to the sward.
- COMER Timothy increases spring growth by 34% and persistence under extreme conditions.

Designed for:

- Intensive production from grazing a highly palatable, very digestible ley.
- Creating a tight persistent sward that is highly resistant to poaching.
- Season long grazing from early spring to late autumn.

Benefits:

- Ultra Longlife produces a dense leafy sward that is easily managed.
- The use of early, intermediate and late heading varieties means that production is season long.
- The varieties used have been selected for their persistence as well as their palatability and mid-season digestibility to produce a long lasting, productive sward.

Sward management:

Ultra Longlife is designed to give fantastic spring growth as well as season long production utilising a combination of early intermediate and late heading perennial ryegrass varieties and Timothy. Therefore it is ideal for farms where early spring grazing is important. Giving later fields a chance to get going. It can then be shut up for 1 or 2 cuts of silage (or hay) followed by grazing for the rest of the season.

Sowing Rates:

13kg per acre, 2,369 seeds/m²

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CHAMPION WITH OR WITHOUT CLOVER™

The number one selling mixture.

Our number one selling mixture. A proven long-term top class dual purpose mixture which produces excellent quality forage production whether cut or grazed.

Long Term Leys – 5 years plus

- Ultimate proven ley for milk and meat production.
- Very productive and flexible 5+ year ley.
- 15kg seeding rate for rapid sward density.
- This ley includes the very best season-long production varieties available.
- Suitable for both intensive cutting and grazing, with good persistence.
- PROTA WHITE contributes both protein and minerals, to ensure maximum performance from the grazing animal.
- The correct proportion of Tetraploids in the ley give very good animal intakes
- Includes FINTONA highly digestible varieties with extremely high yields
- FINTONA is the highest yielding perennial ryegrass ever listed in the UK
- GALGORM holds top position for total yield in both grazing and silage management. No other intermediate diploid variety on the list produces more ME yield per hectare under grazing management (106% of the mean of all intermediate diploid varieties on the list) and is very persistent in grazing swards.
- CALLAN combines an excellent mean cutting yield with a high grazing yield and exceptional spring growth. CALLAN excels on all three recommended lists.

Designed for:

- Top quality forage production whether cut or grazed.
- Long-term production from a highly persistent ley.
- Maximum production by using the top yielding varieties.

Benefits:

- The use of later heading varieties means that any topping can be kept to a minimum.
- The varieties used have been selected for their persistence as well as their palatability and mid-season digestibility to produce a long lasting, productive sward.
- Champion combines the benefits of high yields of quality mid-May silage production, with excellent sward density and outstanding mid-season digestibility for highly palatable grazing, thus creating a highly flexible ley.
- Available without clover as Champion No Clover.

Sward management:

Cut when the first ears emerge, around the 20th May and this ley will produce grass of 70D plus and if cutting is delayed 10 days, it will still produce grass of 67D. This ley is capable of being spring grazed, giving two highly productive silage crops and an autumn grazing, or alternatively being grazed for a full season.

Sowing Rates:

15kg per acre, 2,089 seeds/2m²

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