



HERBAGE GRASS SEED MIXTURES 2022

Herbage Mix No. 1 Early Bite & Cut (one – two year cutting ley)

Sown in the autumn, this mixture combines the attributes of tetraploid and diploid Italian ryegrasses. The diploid maintains the high dry matter, while the tetraploid provides the soluble carbohydrate content. Giving one massive first cut of high-quality silage, it can then be ploughed in and followed by maize or linseed. Left in place, it can be grazed through to the autumn or give a second or third cut of silage if no other grass leys are available and it will also provide two/three cuts in the second year. It has also been successfully established after maize and produced the same excellent yields.

- Good early spring growth
- Good mid-season digestibility
- High percentage soluble carbohydrate
- Close heading dates to maximise quality and quantity
- Good ground cover

Suggested sowing rate: 14kg/ac

3KG	Alamo/Meribel IRG
7KG	Gemini Tet IRG
4KG	Meribel IRG

Westerwolds Ryegrass (one year cutting)

With its quick establishment and early spring growth, this annual species can provide bulky, quality forage.

Suggested sowing rate: 15kg/ac

Herbage Mix No 2 Triple Cut (two – three year cutting ley)

Designed to produce at least three cuts of high-quality silage and excellent autumn grazing. By offering a blend of hybrid and perennial ryegrasses, the mixture not only remains highly productive but will also persist for three years.

- Good persistency and winter hardiness
- Excellent conservation and grazing yields
- Tetraploid content to give soluble carbohydrate

Suggested sowing rate: 14kg/ac

2KG	Kirial Hybrid
2KG	Calibra Intermediate PRG (t)
3.6KG	Diwan Intermediate PRG (t)
2KG	Nifty Intermediate PRG
2KG	Boyne Intermediate PRG
2.4KG	Toddington Late PRG

Bartholomews Medium Term Cutting Mix (three – four year cutting)

Designed to produce at least three cuts of high quality silage and excellent autumn grazing. By offering a blend of hybrid and perennial ryegrasses, the mixture not only remains highly productive but will also persist for three years. This is a very popular mixture.

- Good persistency and winter hardiness
- Excellent conservation and grazing yields
- High percentage soluble carbohydrate

Suggested sowing rate: 13kg/ac



6KG	Abereve Hybrid Ryegrass Tetraploid
3KG	Aston Energy Perennial Ryegrass Intermediate Tetraploid
4KG	AberWolf Perennial Ryegrass Intermediate Diploid

Herbage Mixture No 3 Prime Cut & Graze – (three – four year cutting ley)

This mixture suits situations where early silage cuts are not possible, perhaps on wetter, low lying ground or to follow earlier Italian ryegrass leys. This mixture can provide a second cut of high-quality silage, if required, before being returned to the summer grazing ground.

- Productive cutting ley with good autumn grazing
- Excellent conservation and grazing yields
- Good disease resistance and persistency
- Close heading dates to enable good quality and quantity of silage and prolonged grazing
- Highly digestible

Suggested sowing rate: 14kg/ac

3KG	Calibra Intermediate PRG (t)
2kg	Nifty Intermediate PRG
2kg	Boyne Intermediate PRG
3kg	Diwan Intermediate PRG (t)
2kg	Twymax Late PRG (t)
2kg	Cancan Late PRG

Bartholomews Dry Soils Mix

This mix has been put together with species that are more tolerant to dry conditions. Can be cut or grazed and is a long term mix. Suggested sowing rate: 4kg/ac

2KG	Tall Fescue
1KG	Cocksfoot
1KG	Int Tet PRG
1KG	Late Tet PRG
3KG	Festulolium
4KG	Meadow Fescue
0.5KG	Smooth Stalked Meadow Grass
1.5KG	Timothy

Herbage Mix No 4 Dual Purpose Ley – (three – four dual purpose ley)

This versatile mixture gives good early spring growth and high D values for a first cut of silage. Thereafter, the mixture comprises of a blend of the finest grazing perennials, together with clovers to give highly palatable and digestive grazing well into the autumn for cattle and sheep.

- High percentage soluble carbohydrate silage
- Excellent grazing and conservation yields
- Good persistence and disease resistance
- Good early spring growth

Suggested sowing rate: 14kg/ac

3KG	Nifty Intermediate PRG
3.2KG	Diwan Intermediate PRG (t)
3.9KG	Boyne Intermediate PRG
1.6KG	Twymax Late PRG (t)
1.7KG	Cancan Late PRG
0.2KG	Merwi White Clover
0.4KG	Rivendel White Clover

Herbage Mix No 5 Prestige Ley – (four - five-year grazing ley)

Provides a highly digestible ley for intensive stocking situations such as dairy surrounds or beef cattle grazing. Clover is left out of this mixture for a variety of reasons; where high nitrogen fertilising is practiced and if weeds become a problem the ley management may require herbicide weed control.

- Excellent persistency and winter hardiness
- Good early spring growth
- Good conservation and grazing yields
- Long heading date spread to give prolonged grazing
- Suits all soil types

Suggested sowing rate: 14kg/ac

2.6KG	Twymax Late PRG (t)
3.2KG	Diwan Intermediate PRG (t)
2.2KG	Nifty Intermediate PRG
2.0KG	Boyne Intermediate PRG
2.5KG	Cancan Late PRG
1.5KG	Aston King Late PRG



Bartholomews Long Term Dual Mix

This versatile mixture gives good early spring growth and high D values for a first cut of silage. Thereafter, the mixture comprises of a blend of the finest grazing perennials which give highly palatable and digestive grazing well into the autumn for cattle and sheep.

- High percentage soluble carbohydrate silage
- Excellent grazing and conservation yields
- Good persistence and disease resistance
- Excellent early spring growth

Suggested sowing rate: 13kg/ac



4KG	Aber Wolf Perennial Ryegrass Intermediate Diploid
2KG	Aston Energy Perennial Ryegrass Intermediate Tetraploid
3KG	Delika Perennial Ryegrass Late Diploid
4KG	AberGain Perennial Ryegrass Late Tetraploid
	Add clover option
1KG	AberDairy White Clover Blend

Herbage Mix No 6 Prestige Ley with Clover – (permanent grazing ley)

Similar to Herbage Number 5 but with the addition of a range of high-quality white clovers makes it suitable for both cattle and sheep grazing, providing high nutritive value. It is also a useful source of nitrogen for grass growth. Suits more favourable sites, which allows clover to flourish.

- Highly digestible mix
- Good conservation and grazing yields
- Excellent persistency and winter hardiness
- Contains high yielding grasses and clover with good ground cover.

Suggested sowing rate: 14kg/ac

3.1KG	Diwan Intermediate PRG (t)
3.2KG	Nifty Intermediate PRG
2.5KG	Astonchieftain PRG
2.0KG	Twymax Late PRG (t)
2.5KG	Cancan Late PRG
0.4KG	Alice White Clover
0.3KG	Rivendel White Clover



Herbage Mix No 7 Evergreen Pasture –(permanent grazing ley)

A true permanent pasture mixture giving good spring growth and grazing well into the autumn. Amongst the blend of clovers, a small leaved white clover has been added to maintain a bottom to the sward when intensively grazed by sheep. Timothy helps to maintain the yields during the mid-season period when the ryegrass will be yielding less. The clovers are designed to suit long term grazing leys and comprise of small to medium leaved clover which will also flourish in dry summers.

- Good persistency and disease resistance
- Good grazing yields
- Very flexible usage for conservation, cattle and sheep grazing

Suggested sowing rate: 14kg/ac

3.5KG	Cancan Late PRG
1.5KG	Toddington Late PRG
3.5KG	Astonchieftain PRG
3.5KG	Twymax Late PRG (t)
1.0KG	Comer Timothy
0.5KG	Rivendel White Clover
0.5KG	Merwi White Clover

Bartholomews Grazing No Clover Mix

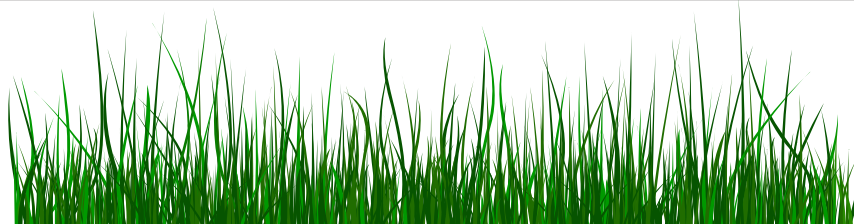
Provides a highly digestible ley for intensive stocking situations such as dairy surrounds or beef cattle grazing. Clover is left out of this mixture for a variety of reasons; where high nitrogen fertilising is practised and if weeds become a problem the ley management require herbicide weed control.

- Excellent persistency and winter hardiness
- Good early spring growth
- Superb conservation and grazing yields
- Long heading date spread to give prolonged grazing
- Suits all soil types

Suggested sowing rate: 14kg/ac



4.5KG	AberWolf Perennial Ryegrass Intermediate Diploid
2KG	AberChoice Perennial Ryegrass Late Diploid
2KG	Delika Perennial Ryegrass Late Diploid
4.5KG	AberGain Perennial Ryegrass Late Tetraploid
1KG	Comer Timothy



Herbage Mix No 8 Downland Grazing Ley (permanent grazing ley)

A permanent grazing mixture recommended for the South Downs and other marginal areas. The wide diversity of species allows the ley to perform under adverse conditions and provides useful grazing for cattle and especially sheep.

Suggested sowing rate: 14kg/ac

1.0KG	Nifty Intermediate PRG
4.0KG	Boyne Intermediate PRG
3.5KG	Cancan Late PRG
1.25KG	Twymax Late PRG (t)
1.5KG	Comer Timothy
0.5KG	Sheep's Fescue
0.9KG	Red Fescue
0.45KG	Smooth Stalked Meadow Grass
0.9KG	Merwi White Clover

Herbage Mix No 9 Protein Cut (two – three-year dual-purpose ley)

This mix is not suitable for sheep grazing. The mix of red clover and hybrid ryegrass improves quality and persistence without loss of yield. Can be ensiled as a ryegrass sward with up to 3 cuts per season, followed by some grazing. Will do well on most well drained soils and is reasonably winter hardy.

- First cut will take 50% of the red clover yield
- High protein quality silage with long duration for grazing
- Drought tolerant – suits light soils (not suitable for poorly drained areas)
- Rotational advantage – excellent entry for wheat crop

Suggested sowing rate: 12kg/ac

4.5KG	Solid/Cordial Hybrid
4.5KG	Kirial Hybrid
3KG	Global Red Clover



Herbage Mix No 10 Haylage Maker (good winter hardiness)

A medium term Haylage mix to produce abundant quality forage for general horse hay. (For racehorse hay a mix of No. 1 and No. 2 should be used.) This mix also provides excellent full ground cover.

- Medium term hay production
- Quality forage for farm livestock with good fibre content
- Excellent persistence
- Good winter hardiness
- Good ground cover

Suggested sowing rate: 14kg/ac

4KG	Meribel IRG
3KG	Gemini Tet IRG
4KG	Kirial Hybrid
3KG	Solid/Cordial Hybrid

Herbage Mix No 11 Early Hay (suitable for winter damaged paddocks)

This mix contains some early perennial ryegrass together with Timothy to produce high quality hay for livestock year after year. Once cut it will provide quality late summer and autumn grazing.

Suggested sowing rate: 12kg/ac

2KG	Nui Early PRG
1.5KG	Nifty Intermediate PRG
2KG	Calibra Intermediate PRG (t)
2KG	Twymax Late PRG (t)
2KG	Cancan Late PRG
1.5KG	Red Fescue
1KG	Timothy

Herbage Mix No 12 Grazing Paddock

Specially formulated for horse paddocks to provide a hard-wearing stand and balanced grazing. Red fescue and smooth stalked meadow grass create a strong base to the sward helping to reduce poaching. We can also offer a ryegrass free mixture for laminitics and herbs for diversity.

Suggested sowing rate: 12kg/ac

2.25KG	Nui Early PRG
2KG	Nifty Intermediate PRG
2KG	Cancan/Toddington Late PRG
2KG	Twymax Late PRG (t)
2KG	Red Fescue
1.5KG	Timothy
0.25KG	Smooth Stalked Meadowgrass

These mixes (10,11 & 12) will last approx. 5 years with correct management.

Overseeding/ Renovation mix

This mix contains fast growing species, and with the use the larger tetraploid seed, gives it the ability to cope with competing with the existing ley.

Suggested sowing rate: 10kg/ac

5KG	Hybrid Ryegrass
2.5KG	Intermediate Tet PRG
2.5KG	Early PRG

Herbage Mix No 13 Lamintic's Mix

A natural meadow mix with herbs that will help reduce the risk of Laminitis, as it does not contain the bulk of perennial ryegrass which is one of the main causes.

Additionally, it provides vital vitamins and minerals for the animals in a natural form.

Suggested sowing rate: 13.5Kg/ac

5KG	Timothy
2.5KG	Meadow Fescue
1.5KG	Smooth Stalked Meadowgrass
3KG	Strong Creeping Red Fescue
1KG	Chewings Fescue
0.5KG	Mixed Herbs

Herbal Ley

Designed to produce quality forage with a diverse range of species, including grasses, herbs and legumes. Suitable for cutting or grazing.

Suggested sowing rate: 13kg/ac

0.5KG	Tall Fescue
1KG	Meadow Fescue
2KG	Festulolium
0.5KG	Cocksfoot
1KG	Late Dip PRG
1KG	Int Tet PRG
1KG	Mixed Herbs
0.3KG	Lucerne
2.5KG	Sainfoin
1KG	Red Clover
1KG	Timothy
1KG	White Clover
0.2KG	Birdsfoot Trefoil

Mixed Herbs - Can be added into Mixtures 1-12

5% Yarrow	15% Ribgrass
20% Chicory	20% Sheeps Burnet
25% Sheeps Parsley	15% Sainfoin

Other items that are drought tolerant and will also increase diversity in the ley are Red Clover, Birdsfoot Trefoil, Yellow Blossom, Clover, Sanfoin, and Lucerne

Arable Silage Mixes

- Cost effective method to produce high quality feed
- Useful source of starch and protein
- High protein forage that is home produced
- Only in the ground for a short period of time
- Ready to harvest in 14-16 weeks
- Earlier harvest allows for reseeding or drilling of autumn crops
- An earlier alternative to Maize
- Leaves residual nitrogen for following crops
- Sow march-mid April
- 75-85 kg / acre (50kg/acre if under sown with grass)

Oats, Peas, Barley, and Vetch can be mixed to suit individual requirements

Bartholomews Feed Department

The team in our Chichester office are able to supply a wide range of bagged and bulk feeds across the south. As well as providing a full range of straights products, we can also offer brewers grains, liquids, fats, minerals, compounds and custom blends.

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We provide a comprehensive weekly market report via email. If you would like to be added to this, please email: laviniajones@bartholomews.co.uk

Silage additives

Bartholomews can offer the complete Pioneer silage additive range to ensure you get the best results from your crop.

Pioneer's products help to reduce dry matter losses through fermentation and aerobic spoilage and have been proven through extensive trial work to improve milk output from cows which are fed treated silage.

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