



AGRICULTURAL GUIDE

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MYCORRHIZAE

AVAILABLE AS A SEED DRESSING



SR2 Mycorrhizae & Rhizobacteria

WHAT IS MYCORRHIZAE

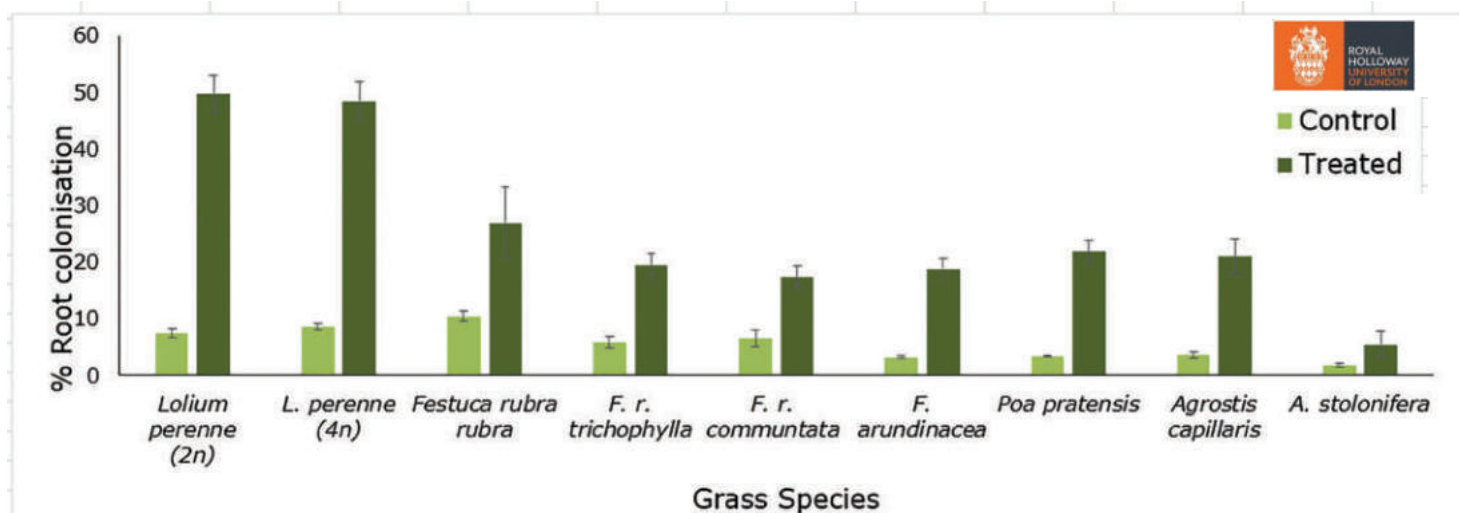
A naturally occurring beneficial fungi that forms a symbiotic relationship with the plants. It attaches to the roots and becomes an extension of the root system. This dramatically expands access to moisture and nutrients from the soil. In return, the host plant feeds the fungi with sugars and organic substances.

WHAT CAN MYCORRHIZAE DO FOR ME?

- Greatly improves root mass (up to 500x)
- Increases nutrient uptake
- Improves the health of plants and their roots
- Our trials showed faster establishment and better plant health

HOW CAN I UTILISE THE BENEFITS OF MYCORRHIZAE?

Hurrells can apply Mycorrhizae seed dressing pre-mixed with the seed, the best quality, fine grade Mycorrhizae available is used.



The mean percentage root colonisation of treated and non treated pots of a range of grass species.

All our seed is HVS (Higher Voluntary Standard) wherever possible. This guarantees higher germination and purity levels over normal certified seed. Our average was 97% germination in 2019 (seed certificates are available on request). Every variety goes through a legal process of laboratory testing after cleaning and we then cross check these results with germination tests on every variety in house.

We are registered and regulated by Defra: Merchant 01062



For Organic Seed, we are registered and regulated by the Soil Association



Working with top rated worldwide breeders has led to a close relationship, producing varieties on our seed production farm and with our UK seed growers.

This includes grass seed, clover seed, game cover seeds, root seeds and cereal seed. Cleaning our own seed on site has led to ultra-high standards.

KEY VARIETIES PRODUCED BY HURRELLS

ROY INTERMEDIATE PERENNIAL RYEGRASS TET - Very high persistence, D value and yield.

TETRAGRAZE HYBRID RYEGRASS TET - Ultra high ground cover, high yield and disease resistance.

ATLANTIS RED CLOVER TET - Tetraploid high protein variety, very competitive with an excellent ground cover.

DUBLET TRITICALE - Good lodging resistance, high yielding and disease resistance (multi-use: feed, whole crop or game cover).

FRISIA STUBBLE TURNIP - Very large, high yielding, tankered purple root with a high disease resistance.

WHITESTAR STUBBLE TURNIP - Large globe shaped white bulb, high yielding variety that sits out the ground.

AIRLIE & KENMORE SWEDE - both available, graded/natural and treated/untreated.

+ MANY MORE SEEDS!



Certified Perennial Ryegrass seed being harvested in Yorkshire



BIG BOSS WESTERWOLDS RYEGRASS TET. Highest performing and most popular westerwolds in the USA. Bred out the University of Florida's internationally recognised forage breeding program. High yielding, superior regrowth, advanced disease resistance, later maturity and increased cold tolerance. Ideal for silage, hay, grazing and cover crops.



ATTAIN WESTERWOLDS RYEGRASS TET. USA bred from the same breeders as Big Boss. Achieve better gains from Attain; high yielding, season-long performance, excellent regrowth, increased cold tolerance and bred for super high disease tolerance. Ideal for silage, hay, grazing and cover crops.



CORDIAL HYBRID RYEGRASS TET. Brand new variety, currently being tested and expected to be in the 2021 national list trials. Benefits include; exceptional persistency, very high yields, outstanding disease resistance, high regrowth, high frost tolerance and very good agronomic characters. (Heading date 22nd May)



ASTONCONQUEROR PERENNIAL RYEGRASS INT DIP. Bred in the UK from the same breeders of Milk Index varieties. Aston Conqueror has high yields, a dense sward for good ground cover, good winter hardiness etc. On recommended lists in the UK. (Heading date 22nd May)



EXPLOSION PERENNIAL RYEGRASS INT TET. Brand new MILK INDEX variety. High sugar contents, excellent digestibility, high resistance to rust, consistent high yields, exceptional winter hardiness and uniquely has a good adaptation to slightly acidic soils. Classed as a Int PRG, however early in the late category. (Heading date approx. 30th May)



TRIBAL PERENNIAL RYEGRASS INT TET. New, good all round variety; winter hardy, high yielding, robust, persistent, good sward density etc. Classed as a Intermediate PRG, however early in the Int category. On European recommended lists. (Heading date approx. 20th May)



SORAYA PERENNIAL RYEGRASS LATE TET. New variety which has been used and tested in the last 2 years. Main traits include high yields, robust, good resistance to rust and good winter hardiness. Classed as a late PRG, however early in the late category. On European recommended lists. (Heading date approx. 1st June)



BIJOU PERENNIAL RYEGRASS LATE TET. High quality grass that has consistent high yields under both grazing and conservation, very good resistance to disease. On recommended lists in the UK. (Heading date 1st June)



VALERIO PERENNIAL RYEGRASS LATE TET. Brand new variety from the same breeders of Milk Index varieties. Valerio has a combination of high yield performance, persistence, high dry matter yields and uniquely has a good adaptation to slightly acidic soils. Currently being tested and expected to be in the UK 2021 national list trials.



ASTONBONUS PERENNIAL RYEGRASS LATE TET. New variety that has good yields for cutting and grazing. Other benefits include good autumn growth, high second cut digestibility and great all round disease resistance. (Heading date 29th May)

FESTULOLIUMS - PAGE 12



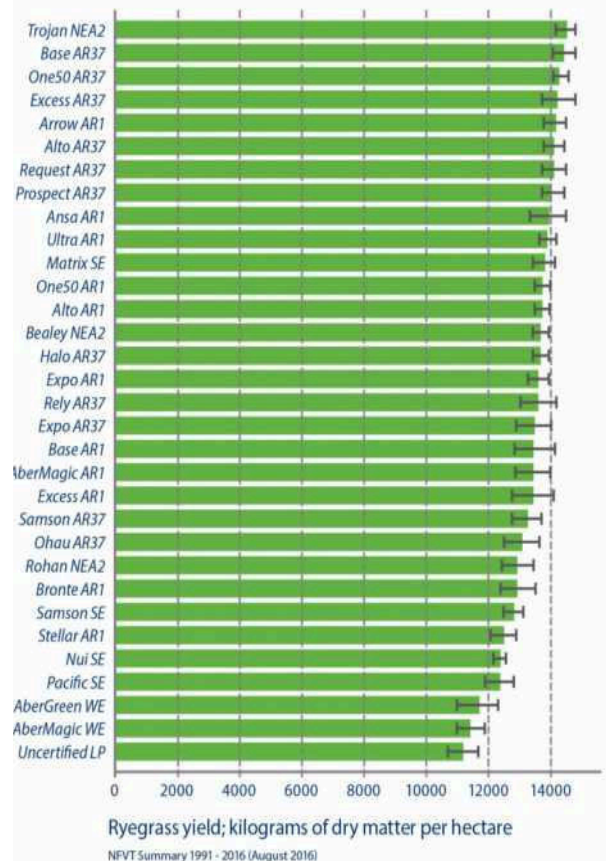


- Exceptional yielding tetraploid perennial ryegrass
- AR37 endophyte for strong persistence
- **Very high tiller density**
- Stunning late spring quality
- Excellent for dairy and intensive sheep/beef systems
- Best suited to rotational grazing
- Superior year-round performance
- Excellent cool season yields

Selected from high yielding, densely tillered plants that survived two years of severe drought and hard sheep grazing. Improved persistence is also offered from AR37 endophyte with protection from five of New Zealand's major pasture pests. Base tetraploid PRG pastures have low aftermath heading, maximising summer quality and animal production.

Very Late Heading- 22 days later than Nui

All New Zealand Trials
Perennial Ryegrass Total Yield



HURRELLS ADVANCED

GRASS MIXTURE RANGE

- Being fully independent, we can pick the best varieties for optimal performance (from a huge range of plant breeders).
- Superior mixtures selected from Hurrells Seed trials, technical experience and feedback, Recommended Grass & Clover Lists For England & Wales, SRUC Recommended List of Grass and Clovers, Pasture Profit Index and breeders trials from across the world.
- Higher yields, high D value, high resistance to disease, high protein, high savings ££ and many more benefits!
- Bespoke mixtures available, speak to your local rep or call us

Varieties from the latest top breeding lines such as:



=



+5 OTHER
LEADING
BREEDING
LINES



HM.6

SHORT TERM



- 4.00KG ALAMO Italian Ryegrass Dip
- 4.00KG GEMINI Italian Ryegrass Tet
- 3.00KG ASTONCRUSADER Hybrid Ryegrass Tet
- 3.00KG RODRIGO Perennial Ryegrass Int Dip

- Up to 2 years of intensive cutting and high yields
- Versatile short-term mixture
- Will produce high yields of quality silage and hay production
- Can also be aftermath grazed if required
- Rapid establishment for early utilisation
- Well suited to high input regimes. Sward will respond well to nitrogen

14.00KG PER ACRE | SKU: 7006 | 1-2 YEARS CUTTING (SILAGE)



HM.10

SHORT TERM HI PRO RED



- 3.00KG SHAKIRA Italian Ryegrass Dip
- 3.00KG GEMINI Italian Ryegrass Tet
- 2.00KG HYMER Hybrid Ryegrass Tet
- 2.00KG TETRAGRAZE Hybrid Ryegrass Tet
- 1.50KG ASTONKING Perennial Ryegrass Late Dip
- 1.50KG HARMONIE Red Clover
- 1.00KG ATLANTIS Red Clover Tet

- A 1-3 year low input Grass Seed and Red Clover mixture
- Very good yields of high quality silage
- Silage produced is high in protein and trace elements
- Red Clover adds the feed value to the silage (20% protein content)
- Fixes large amounts of atmospheric nitrogen, which will benefit this ley & also the following crop
- Late heading perennial ryegrass's are prostrate growing and therefore gives good ground cover for late grazing and acts as a weed suppressant

14.00KG PER ACRE | SKU: 7010 | 1-3 YEARS DUAL PURPOSE (SILAGE + AFTERMATH GRAZING)

“Hurrells combine the reliability and service of a small family business with great advice. They have a great range of products with competitive prices too”

Tim Sellers
Carr House Farm
Foston On The Wolds

“We grew 50 acres of the HM.10 Short Term Hi Pro Red, it yielded fantastically, fixed lots of nitrogen and is the best we have ever grown!”

NC Farming Partnership
Wansford



HM.13

DYNAMO



2.00KG	LEMNOS	Westerwolds Ryegrass
2.00KG	BIGBOSS	Westerwolds Ryegrass
5.00KG	ALAMO	Italian Ryegrass Dip
5.00KG	FABIO	Italian Ryegrass Tet

- Dynamic fast growing cutting mixture
- Exceptionally high yielding & fast growth
- Mature crop in 8-10 weeks
- Easy to establish
- Includes fastest growing and top performing LEMNOS
- Multi-cut Westerwolds
- Can be sown in Spring or later in the year after Maize
- Brilliant first cut and early spring growth

14.00KG PER ACRE | SKU: 7013 | 1-2 YEARS CUTTING (SILAGE)



HM.21

PEOVER



3.00KG	ASTONCRUSADER	Hybrid Ryegrass Tet
3.00KG	MERIBEL	Italian Ryegrass Dip
3.00KG	SHAKIRA	Italian Ryegrass Dip
5.00KG	GEMINI	Italian Ryegrass Tet

- A short-term mixture for top quality silage
- Designed to give optimum 70D value in combination with yield
- All varieties have good Winter hardiness
- Rapid establishment
- Large 1st cut yield
- Good resistance to Mildew, Rhynchosporium and Crown Rust
- Hybrids blend short term high yields with the palatability and persistence of longer term grasses

14.00KG PER ACRE | SKU: 7201 | 1-3 YEARS DUAL PURPOSE (SILAGE + AFTERMATH GRAZING)



HM.27

FESTULOLIUM CLAMP BUSTER



4.00KG	MERLIN	Festulolium (Italian Rye x Meadow Fescue)
4.00KG	FEDERO	Festulolium (Italian Rye x Meadow Fescue)
3.00KG	MERIBEL	Italian Ryegrass Dip
3.00KG	GEMINI	Italian Ryegrass Tet

- Brand new festulolium mixture
- Much improved persistence over Italian ryegrass/short term leys (especially in year 2)
- Better quality than pure Italian ryegrass only leys
- Festuloliums offer high sugars, high drought tolerance, waterlogged tolerance, early spring growth, good winter hardiness, high stress tolerance etc

See page 12 for more info on Festuloliums

Long term version available (HM.40 Festulolium Plus)

14.00KG PER ACRE | SKU: 7050 | 1-3 YEARS CUTTING (SILAGE, HAY, HAYLAGE)

HM.9

FORAGE EXPRESS



- Highly adaptable mixture that will last up to 2 years
- High protein forage
- Very early spring growth with maximum yields at first cut
- High sugar content for maximum fermentation
- Contains high levels of improved red clover varieties for high nitrogen fixation
- Includes vetch for supreme nitrogen fixing and increase of protein (will fix 200kg of n/ha)
- Soil conditioner for successive cropping
- Well suited to low input systems

IN THE BAG #GREENBAG

4.50KG MERIBEL Italian Ryegrass Dip

3.50KG FABIO Italian Ryegrass Tet

1.00KG HARMONIE Red Clover

1.00KG ATLANTIS Red Clover Tet

1.00KG CONTEA Crimson Clover

5.00KG COMMON Vetch

16.00KG PER ACRE



16.00KG PER ACRE | SKU: 7009 | 1-2 YEARS CUTTING (SILAGE)

Festulolium

HYBRID GRASS SEED

Ryegrass

PLUS

Tall fescue

PLUS

MERLIN: Italian Ryegrass x Meadow Fescue. A Perun type tetraploid variety. Hardy, healthy and of high quality. Excellent digestibility. Intermediate heading.

PERUN: Italian Ryegrass x Meadow Fescue. Italian Ryegrass type but with better persistency. Tetraploid variety. High yield and high sugar. Good resistance to rust Drechslera leaf spot and mildew. High first cut yield. Intermediate heading.

FEDORO: Italian Ryegrass x Meadow Fescue. High forage quality due to late ear emergence. High yielding. High disease resistance. High persistence. Late heading.

LOFA: Tall Fescue x Ryegrass. Very fast to establish and high 1st cut yield. Less aggressive growth after 1st cut making it ideal to be sown with legumes. High resistance to crown rust. High tolerance to stress. Intermediate heading.

FOJTAN: Tall Fescue type. Very high yields of DM. Forage quality similar to PRG and much better than Tall Fescue. Persistency similar to both PRG and Tall Fescue. Deep rooting grass, making it ideal for challenging and stressful conditions (adapted to dry and wet conditions). Intermediate heading.

Festuloliums are a natural hybridisation of different grasses. Ideal for 2-3 years (depending on external factors and variety). Crossed between Ryegrasses & Fescues:

Italian Ryegrass / Perennial Ryegrass / Tall Fescue / Meadow Fescue

This means it has got the advantage of each grass, with the below benefits.

- High yielding, high-quality forage
- Drought resistant, ideal for dry areas (deep root structure)
- Can also tolerate water logged areas
- Adapted to cooler conditions (winter hardy)
- Early spring growth (even when Ryegrass is just beginning to wake up after the winter)
- High-stress tolerance
- Fast establishment
- High dry matter



Sow straight at 14kg per acre

All mixtures available with Festuloliums



HM.11

MULTI STRIKE



- 4.00KG ASTONCRUSADER Hybrid Ryegrass Tet
- 3.00KG CORIAL Hybrid Ryegrass Tet
- 4.00KG HYMER Hybrid Ryegrass Tet
- 3.00KG TETRAGRAZE Hybrid Ryegrass Tet

- Easily lasts 3-4 years
- Very potent grass seed mixture of high yielding grasses
- Suitable for all cutting managements including haylage and silage
- Great for high input systems (can be cut up to 4 times)
- Can be aftermath grazed later in the year
- Will respond well to nitrogen - can be pushed hard for incredible yields
- Good Winter hardiness for use in marginal areas
- Best cut at 4 inch (10cm) cutting height

14.00KG PER ACRE | SKU: 7011 | 3-4 YEARS DP (SILAGE/HAYLAGE + AFTERMATH GRAZING)



HM.16

MEDIUM TERM HI PRO RED



- 3.50KG ASTONCRUSADER Hybrid Ryegrass Tet
- 4.00KG SOLID Hybrid Ryegrass Tet
- 3.00KG ROY Perennial Ryegrass Int Tet
- 1.50KG MERULA Red Clover
- 1.00KG ATLANTIS Red Clover Tet

- This 3-4 year mixture is more persistent than HM.17
- It has slightly lower annual yields in the first harvest year, then larger yields there after
- Will produce large amounts of protein rich silage of a very high quality.
- This mixture can be aftermath grazed if required
- When ploughed in it will not only improve the soil structure but also leave large amounts of residual nitrogen for any following crop

13.00KG PER ACRE | SKU: 7016 | 3-4 YEARS CUTTING (SILAGE + AFTERMATH GRAZING)



HM.22

SOMERFORD



- 2.50KG TETRAGRAZE Hybrid Ryegrass Tet
- 2.50KG ASTONCRUSADER Hybrid Ryegrass Tet
- 4.00KG RODRIGO Perennial Ryegrass Int Dip
- 4.00KG ROY Perennial Ryegrass Int Tet
- 2.00KG BIJOU Perennial Ryegrass Late Tet

- A 3-4 year mixture well suited to conservation
- The combination of the new Hybrid & Perennial Ryegrass varieties gives good yields for both silage and aftermath grazing over a long period
- Good hardiness and drought tolerance
- High 'D' value and impressive yield of vigorous grasses
- Excellent sward density as it includes bottom grasses
- Very vigorous establishment, which makes it suitable for even later sowings
- Will respond well to nitrogen

15.00KG PER ACRE | SKU: 7202 | 3-4 YEARS CUTTING (SILAGE + AFTERMATH GRAZING)

HM.14

HYBRID POWER



- Suitable for hay or silage
- Can be grazed and is useful for 2 heavy cuts and graze system
- Will last easily 4 years and in kinder seasons and good management will last up to 5 years
- Hybrids establish much faster than normal perennials and are very easy to establish and grow
- Hybrids combine the yield of an Italian and the quality/sugar content of a quality perennial that has more leafy growth characteristics
- Most hybrids are also tetraploids so offer excellent silage fermentation
- Very good palatability even in summer production
- Excellent leafy weed suppression
- Ideal mix for GS3 Ryegrass seed-set as winter food for birds

IN THE BAG #GREENBAG

4.00KG TETRAGRAZE Hybrid Ryegrass Tet

4.00KG ASTONCRUSADER Hybrid Ryegrass Tet

3.00KG ASTONCONQUEROR Perennial Ryegrass Int Dip

3.00KG TODDINGTON Perennial Ryegrass Late Dip

14.00KG PER ACRE

OPTION WITH WHITE CLOVER AVAILABLE (HM.14C)



14.00KG PER ACRE | SKU: 7009 | 3-4 YEARS DP (SILAGE, HAY & GRAZING)



HM.19

OVERSEEDER



2.00KG GEMINI Italian Ryegrass Tet

3.00KG ASTONCRUSADER Hybrid Ryegrass Tet

3.00KG ROY Perennial Ryegrass Int Tet

2.00KG POMTRADO Perennial Ryegrass Late Tet

OPTION AVAILABLE WITH **WHITE CLOVER**

- This grass seed mixture is ideal for over-seeding damaged or worn-out pastures
- From our trials, Tetraploid grasses give better results when over seeding. This is due to the seed being larger than diploids, meaning it establishes faster and is stronger and more dynamic in the early phases of establishment against existing grasses.
- Can be direct drilled into existing grassland
- Can be broadcasted (grass should be cut low or grazed for best results)

10.00KG PER ACRE | SKU: 7019 | 3-4 YEARS OVERSEEDER (GRAZING & SILAGE)



HM.23

KNUTSFORD



2.00KG TETRAGRAZE Hybrid Ryegrass Tet

2.00KG ASTONCRUSADER Hybrid Ryegrass Tet

3.00KG ROY Perennial Ryegrass Int Tet

2.50KG RODRIGO Perennial Ryegrass Int Dip

2.00KG TODDINGTON Perennial Ryegrass Late Dip

1.50KG BIJOU Perennial Ryegrass Late Tet

1.00KG CHELFORD White Clover Blend

- A medium-term mixture designed to give flexible management
- Gives good grazing after an early silage cut
- Suits all classes of ruminant livestock
- The mixture is responsive to the demands placed on it by the progressive farmer
- Excellent persistence and hardiness
- The hybrids add a greater first cut yield
- Mixture available with Forage Rape that re-grows after being grazed in the Autumn

14.00KG PER ACRE | SKU: 7203 | 3-4 YEARS CUTTING (SILAGE + GRAZING)

"Sowed 65 Acres of HM.23 Knutsford, on a very high field 900-110ft above sea level. This field of Knutsford has done very well indeed. In year 1 we had 750 bales off the field! We have used the same mix throughout the farm, and its cropped consistently well across the whole farm."

Mark Jackson
Cheshire/Derbyshire Border



HM.26

CONQUEROR

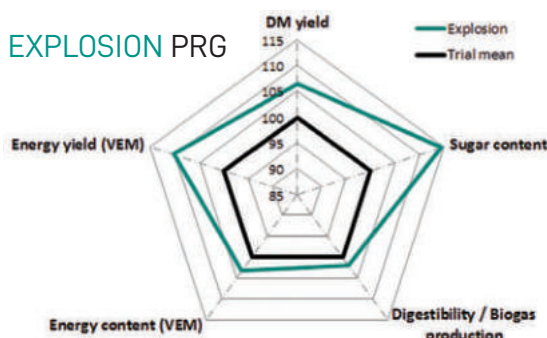


- PREMIUM long term dual purpose mixture. Combining high sugar & high protein grasses for maximum energy values, long term high performance & maximum MILK
- Excellent grazing performance that provides a very dense sward, good D values and high intakes
- High 1st & 2nd cut yields and rapid 2nd cut regrowth, compared to other quality mixtures
- All milk index grasses **MI** are tested for digestibility of organic matter, crude protein, water soluble carbohydrates (mainly sugar), cell wall fraction, digestibility of cell wall and ash content
- Explosion is a brand new MI variety. High sugar contents, excellent digestibility, high resistance to rust, consistent high yields & exceptional winter hardiness
- Includes other MI and Aston grasses. High disease resistance, high sugar, high protein, high yielding, dual purpose grasses for a Conquering mixture!

OPTION WITH WHITE CLOVER (HM.26C) & RED CLOVER (HM.26R)

IN THE BAG #GREENBAG

- 3.00KG ASTONCONQUEROR Perennial Ryegrass Int Dip
- 2.60KG EXPLOSION Perennial Ryegrass Int Tet
- 3.00KG ASTONENERGY Perennial Ryegrass Int Tet
- 2.50KG ROSSERA Perennial Ryegrass Late Dip
- 2.90KG ASTONCHIEFTAIN Perennial Ryegrass Late Dip
- 14.00KG PER ACRE



VEM = Net energy for lactation (1000 VEM = 6.9 MJ NEL)

Trial mean: Arelio, Armetto, Aston Energy, Aston Hockey, Aberavon, Brancco, Lanzaco, Explosion, Rolinde, Maredo, William, Andena, Euro Conquest, Intrada, Kaiman, Zalando



14.00KG PER ACRE | SKU: 7032 | 4-5 YEARS DP (SILAGE & GRAZING)



HM.29



PPI (PASTURE PROFIT INDEX)

IN THE BAG
#GREENBAG

3.25KG ASTONCONQUEROR Perennial Ryegrass Int Dip

3.50KG ASTONENERGY Perennial Ryegrass Int Tet

1.75KG NIFTY Perennial Ryegrass Late Dip

1.50KG ASTONKING Perennial Ryegrass Late Dip

4.00KG ASPECT Perennial Ryegrass Late Tet

- The ultimate long term cut & graze grass seed mixture!
- Based on the recent grass data from Teagasc at Moorepark.
- The list of varieties in the link below have attributed the most profit per variety.
- Each variety has been scored accurately with a Euro value.
- This mixture has been put together with the most valuable grasses from the list.

14.00KG PER ACRE | SKU: 7046 | 4-5 YEARS DUAL PURPOSE (SILAGE & GRAZING)



HM.35



SWARDSMAN HIGH SUGAR

IN THE BAG
#GREENBAG

3.50KG BIJOU Perennial Ryegrass Late Tet

3.00KG ASPECT Perennial Ryegrass Late Tet

4.00KG ROSSERA Perennial Ryegrass Late Dip

3.50KG ROMARK Perennial Ryegrass Late Dip

- Professional long-term, tight heading dairy mixture (dual purpose)
- Late heading mixture, with very close heading dates (1st-3rd of June) for flexible management
- High sugar and high protein for maximum energy values
- Long term performance & maximum MILK!
- ROSSERA is a new late dip PRG that's the first High MILK INDEX variety in the UK. High sugar content, high protein, high feed quality and higher yields of forage
- Also available with the SWALEDALE White Clover Mix

14.00KG PER ACRE | SKU: 7034 | 4-5 YEARS DUAL PURPOSE (GRAZING & SILAGE)



HM.37



PLATINUM

IN THE BAG
#GREENBAG

2.50KG TETRAGRAZE Hybrid Ryegrass Tet

3.00KG HYMER Hybrid Ryegrass Tet

2.00KG TRIBAL Perennial Ryegrass Int Tet

3.00KG BOYNE Perennial Ryegrass Int Dip

3.50KG ASTONCONQUEROR Perennial Ryegrass Int Dip

- Designed to produce superior cutting quality
- High quality ley for intensive cutting with very close heading dates (19th-22nd of May)
- Close heading dates allow for better management of the grass ley
- Upright growth habit, ideal for cutting
- Very high yielding and fast re-growth
- Can also be left for hay or haylage

14.00KG PER ACRE | SKU: 7045 | 4-5 YEARS CUTTING (SILAGE, HAY & HAYLAGE)



HM.33



MOB GRAZING

IN THE BAG
#GREENBAG

- 12.50% PERUN Festulolium Hybrid
- 20.00% FOXTROT Perennial Ryegrass Late Dip
- 7.50% COMER Timothy
- 10.00% SPARTA Cocksfoot
- 12.50% MERVIOT Red Clover
- 5.00% ALICE White Clover
- 2.50% MERWI White Clover
- 4.00% DAISY Lucerne (pre-innuculated)
- 16.00% COMMON Vetch
- 2.50% TONIC Plantain
- 2.50% COMMERCIAL Sheeps Burnet
- 2.50% COMMERCIAL Sheeps Parsley
- 0.50% COMMERCIAL Yarrow
- 2.00% CHOICE Chicory

- Diverse grass, legume and herb seed mix that creates a multi-functional sward
- Ideal tall grass grazing mixture, that armours the soil
- Deep rooted mixture capable of scavenging for micro-nutrients & moisture
- Beneficial to soil health and increases soil organic matter
- Strong legume content to maximise nitrogen production
- High disease and stress tolerance
- Dense canopy for maximum sunlight harvesting and minimal weed competition
- High yielding mix capable of 10-14t DM/ha

12.50KG PER ACRE | SKU: 7033 | 4-5 YEARS GRAZING



GS4



LEGUME & HERB RICH SWARDS

IN THE BAG
#GREENBAG

- 2.50KG GLENARIFF Perennial Ryegrass Int Dip
- 2.60KG FOXTROT Perennial Ryegrass Late Dip
- 0.50KG SPARTA Cocksfoot
- 0.80KG COSMOLIT Meadow Fescue
- 1.00KG ERECTA Timothy
- 0.50KG BEAGLE Tall Fescue
- 0.70KG ALTASWEDE Red Clover
- 0.70KG MERVIOT Red Clover
- 0.40KG LEO Birdsfoot Trefoil
- 0.50KG AURORA Alsike Clover
- 0.60KG COMMON Sainfoin
- 0.30KG CHOICE Chicory
- 0.15KG COMMERCIAL Yarrow
- 0.40KG COMMERCIAL Sheeps Parsley
- 0.35KG TONIC Plantain
- 1.00KG SHEEPS Burnet

- A vigorous sward with abundant legumes and deep rooting herbs
- Provides productive very high quality forage for livestock
- Mixture provides food and habitats for invertebrates (including crop pollinators)
- Improves soil structure and water infiltration
- Mitigates climate change by reducing nitrogen fertiliser use
- Great in both wet and dry conditions
- 5 species of grass, 3 species of legume (including Birdsfoot Trefoil) and 5 species of Herbs/ Wildflowers

13.00KG PER ACRE | SKU: 7036 | 5 YEARS GRAZING



FORAGE



HERB

IN THE BAG
#GREENBAG

- 25.00% CHOICE Chicory
- 25.00% COMMERCIAL Sheeps Burnet
- 5.00% COMMERCIAL Yarrow
- 10.00% COMMERCIAL Sheeps Parsley
- 35.00% TONIC Plantain

- Specially formulated herb mix which is great for grazing and a soil improver
- Includes large tap roots which draw up minerals/trace elements and store them in the top layer of the soil
- Increases biodiversity
- Great grazing quality
- Can be sown into existing grassland, with other seed mixtures or on its own

SEE PAGE 20-21
FOR INDIVIDUAL HERB INFO

1.00KG PER ACRE | SKU: 7035 | 4+ YEARS GRAZING

HM.36

HERBAL DIVERSE

NOT JUST A CRAZE.. WE HAVE 35+ YEARS EXPERIENCE WITH HERBAL LEYS

- Ultra diverse grass, legume and herb seed mix that creates a multi-functional sward
- Deep rooted mix capable of scavenging for micro-nutrients & moisture
- Beneficial to soil health and increases soil organic matter
- Strong legume content to maximise nitrogen production
- High disease and stress tolerance
- Dense canopy for maximum sunlight harvesting and minimal weed competition
- Fantastic grazing qualities, plus medicinal benefits for livestock
- Improves soil structure with very deep rooting species
- Grows on a wide range of soil types
- High yielding mix capable of 10-14t DM/ha

IN THE BAG #GREENBAG

- 2.00KG LOFA Festulolium Hybrid
- 1.50KG SPARTA Cocksfoot
- 1.75KG PARDUS Meadow Fescue
- 1.50KG MAXIMA Strong Creeping Red Fescue
- 1.50KG ERECTA Timothy
- 1.00KG KORA Tall Fescue
- 0.50KG LUZELLA Lucerne (pre-innoculated)
- 0.75KG ATLANTIS/HARMONIE Red Clover Blend
- 0.75KG VIKING White Clover Blend
- 0.45KG COMMON Sainfoin
- 0.50KG AURORA Alsike Clover
- 0.50KG LEO Birdsfoot Trefoil
- 0.30KG CHOICE Chicory
- 0.50KG COMMERCIAL Sheeps Burnet
- 0.10KG COMMERCIAL Sheeps Parsley
- 0.35KG TONIC Plantain
- 0.05KG COMMERCIAL Yarrow
- 14.00KG PER ACRE



14.00KG PER ACRE | SKU: 7039 | 4-5 YEARS GRAZING

HM.28

HEAVY LAND HERBAL LEY

"I have used deep rooted herbal leys from Hurrells, for many years with great success!"

Martin Howard - Launceston

- Diverse grass, legume and herb seed mix that creates a multi-functional sward
- Deep rooted mix capable of scavenging for micro-nutrients & moisture
- Designed to grow on normal to heavy soils. Can perform well in moisture retentive soils
- Strong legume content to maximise nitrogen production
- High yielding mix capable of 10-14t DM/ha
- All species that require and grow only well on light land, have been removed such as Lucerne and Sainfoin

**Fits the criteria for GS4
Legume & Herb Rich Swards** 

IN THE BAG #GREENBAG

2.20KG PARDUS Meadow Fescue
 2.65KG FOXTROT Perennial Ryegrass Late Dip
 1.85KG COMER Timothy
 1.00KG FOJTAN Festulolium Hybrid
 1.00KG KORA Tall Fescue
 0.20KG COMMERCIAL Sweet Vernal Grass
 1.40KG MERULA Red Clover
 0.40KG AURORA Alsike Clover
 0.25KG COMMERCIAL Yellow Blossom Clover
 0.20KG LEO Birdsfoot Trefoil
 0.70KG ALICE White Clover
 0.40KG MERLYN White Clover
 1.00KG CANDY Common Vetch
 0.25KG CHOICE Chicory
 0.20KG TONIC Plantain
 0.10KG COMMERCIAL Yarrow
 0.10KG COMMERCIAL Sheeps Parsley
 0.10KG COMMERCIAL Sheeps Burnet
 14.00KG PER ACRE



14.00KG PER ACRE | SKU: 7051 | 4-5 YEARS GRAZING

A selection of high quality perennial herbs, with many advantages for grazing and improving the soil



Duration: 3-5 years
Inclusion: 2kg straight/
0.3-0.5kg mix

CHOICE CHICORY (*Cichorium Intybus*)

Leading New Zealand variety - a natural wormer

Chicory is a natural de-wormer for sheep and due to the foraging qualities is suited to finishing lambs. Chicory is a very good deep rooted soil improver, within the first year it develops a long tap root similar to a Parsnip which draws up minerals/trace elements and stores them in the top layer of the soil. These roots help with soil conditioning and aerating the soil for future crops. Chicory has a high mineral content including; Zinc, Potassium and Copper. The plant has large strap leaves, which are an excellent green cover through to the first frosts. Also it has a good tolerance to drought (not water logged areas), acid soils and major pests. High yielding throughout the growing season, but be careful as over grazing can damage the crown of the plant. Choice is a leading NZ variety incomparable to most other Chicories (from the same breeders as Puna). Its a highly competitive persistent perennial that will re-grow fast after grazing/cutting.

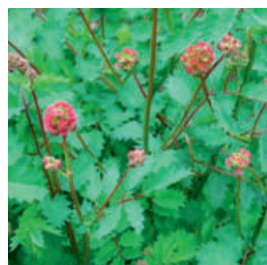


Duration: 3-5 years
Inclusion: 4kg straight/
0.5kg mix

TONIC PLANTAIN - (*Ribwort Plantain / Ribgrass / Plantago Lanceolata*)

Leading Perennial Variety

The leading variety Tonic is a mineral rich, perennial herb. When mixed with grasses, it increases live weight gains by 8-13%. It is a high production herb that is highly palatable, especially compared with standard plantains and other herbs. Tonic can be used on its own to rapidly increase lamb and ewe weights at weaning. It will provide Winter growth when grass and clovers are not growing. The plant is high in minerals, with a high dry matter content. It's a soil improver that has a large deep tap root which draws up minerals/trace elements and stores them in the top layer of the soil. Plant growth is fast, with a very fast establishment and erect growth habit. It adapts to a large range of soils and climatic conditions, which includes being fairly drought tolerant.



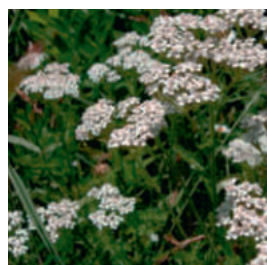
SHEEP'S BURNET / SALAD BURNET (*Sanguisorba Minor*)

A perennial forage herb, that has great grazing quality and grows most of the year! It's known for its medicinal benefits as it reduces diarrhoea in livestock. It improves the soil with large tap root which draws up minerals/trace elements and stores them in the top layer of the soil. As it grows most of the year, its very Winter-hardy and drought tolerant too. Grows on most soils except heavy and is ideal for light soils due to its long roots that find moisture, also found on limestone / chalky soils.



SHEEP'S PARSLEY (*Petroselinum Sativum*)

Sheep's Parsley is a very palatable forage herb that's high in vitamins and minerals (especially high in iron & vitamin C). It also helps with livestock breeding problems too. Very easy to grow and Winter-hardy. However, it doesn't like heavy grazing like other herbs. A soil improver that has a large tap root which draws up minerals/trace elements and stores them in the top layer of the soil.



YARROW (*Achillea Millefolium*)

A perennial herb that can be mixed with grass leys and other herbs to improve grazability. This herb has an aggressive growth on a wide range of soils. It is also very small seeded, so only a very small percentage is required within a mixture. A drought resistant soil improver that has a large tap root, which draws up minerals/trace elements and stores them in the top layer of the soil. It will also tolerate light shade - e.g. hedgerows.

MIKE POWLEY - AWARD WINNING BEEF FARMER

Elm House Farm, Green Hammerton, York

The Northern Beef Farmer of The Year 2016
The Northern Farmer of The Year 2016
Farmers Weekly Beef Farmer of The Year 2005 & 2006

Mike and his father Tom Powley are leading beef farmers, running a beef and arable enterprise that's now farming over 320 acres + 11 other parcels of land and three farmsteads. The team is so successful that it's ASDA's training and educational facility in the UK for Beef. Mike is also working with ABP food group and with EBLEX as a member of their board of management.

We have been working closely with Mike for 25+ years, using beneficial high sugar grass/clover leys and soil improving mixtures to protect the soil for the future.

“The right mix of grass varieties and clovers, managed correctly underpins the high quality, cost effective feed strategy here at Elm House Farm.

Hurrells provide me with the whole package of seed and management advice, with a tremendous depth of knowledge. This has enabled us to push the boundaries of forage production - finishing heifers”





HM.40

FESTULOLIUM PLUS



- Brand new festulolium mixture
- Very high cutting yields
- Ideally suited to dry and free draining soils
- Very tolerant to drought prone soils
- Excellent persistence
- Early spring growth
- Festuloliums offer good sugars, high drought tolerance, waterlogged tolerance, early spring growth, good winter hardiness, high stress tolerance etc

- 4.00KG LOFA Festulolium (Tall Fescue x Ryegrass)
- 4.00KG FOJTAN Festulolium (Tall Fescue Type)
- 3.00KG ASTONBONUS Perennial Ryegrass Int Tet
- 3.00KG ASTONVISION Perennial Ryegrass Int Tet

See page 12 for more information on Festuloliums

14.00KG PER ACRE | SKU: 7058 | 5+ YEARS CUTTING (SILAGE & HAYLAGE)



NZ

COOL GRAZE



- Grows down to soil temperatures of 3 degrees
- This provides longer grazing periods which saves on feed costs (early Spring & late Autumn)
- Fast establishment, superior ground cover and high sward density
- Very palatable
- Good rust resistance
- Excellent animal performance
- Great early Spring and Autumn production
- Exceptional summer yields
- Designed especially for New Zealand grazing systems

- 4.50KG BASE Perennial Ryegrass Int Tet
- 4.00KG ASTONCONQUEROR Perennial Ryegrass Int Dip
- 3.50KG HYMER Hybrid Ryegrass Tet
- 2.00KG FOXTROT Perennial Ryegrass Late Dip

OPTION AVAILABLE WITH **WHITE CLOVER**

14.00KG PER ACRE | SKU: 7023 | 4 YEARS DP (GRAZING & SILAGE)

Courthill Farm liked
John Archer @JohnArcher8 · Nov 3
 #NZcoolmix drilled mid Sept, been grazed once, ready to go again? It's still dry enough.



"The NZ Cool Graze grass ley established and demonstrated superior tillering to other grass sown at the same time. It has been cut twice for zero grazing at 5-6 inches. Analysis showed high protein. The ultimate judge was the cow. When cool season grasses were fed, milk production increased. The mix was growing in late autumn and early spring whilst other mixtures were stood still!"

Tim Gibson
 North Yorkshire



HM.7

GRANGE



IN THE BAG
#GREENBAG

2.00KG TETRAGRAZE Hybrid Ryegrass Tet

3.00KG BOYNE Perennial Ryegrass Int Dip

3.00KG SORAYA Perennial Ryegrass Int Tet

3.00KG FOXTROT Perennial Ryegrass Late Dip

3.00KG MELFROST Perennial Ryegrass Late Tet

- Flexible long term mixture
- Suitable for either cutting or grazing
- The hybrid ryegrass will enhance cutting yields
- The perennial ryegrass will help to produce a highly palatable and digestible sward
- Mixture works well in high input systems as it will respond well to applied fertiliser
- Very popular mixture

14.00KG PER ACRE | SKU: 7007 | 4-7 YEARS DUAL PURPOSE (SILAGE & GRAZING)



HM.12

MOURNE



IN THE BAG
#GREENBAG

2.00KG TETRAGRAZE Hybrid Ryegrass Tet

2.50KG BOYNE Perennial Ryegrass Int Dip

2.50KG SORAYA Perennial Ryegrass Int Tet

3.00KG FOXTROT Perennial Ryegrass Late Dip

3.00KG MELFROST Perennial Ryegrass Late Tet

1.00KG VIKING White Clover Blend

- Produces very high cutting yields
- High palatability and digestibility (D value)
- Quality, high sugar grasses
- Good sward density
- Dynamic re-growth
- Nitrogen fixer
- Very flexible (suitable for cutting and/or grazing)
- Suited for a wide range of soils, even heavy soil

14.00KG PER ACRE | SKU: 7012 | 4-7 YEARS DUAL PURPOSE (SILAGE & GRAZING)



HM.15

CONTINUOUS GRAZER

IN THE BAG
#GREENBAG

1.50KG KIMBER Perennial Ryegrass Early Dip

2.50KG ASTONCONQUEROR Perennial Ryegrass Int Dip

3.00KG ROY Perennial Ryegrass Int Tet

2.50KG TODDINGTON Perennial Ryegrass Late Dip

3.00KG BIJOU Perennial Ryegrass Late Tet

1.50KG COMER Timothy

- A permanent pasture type mixture
- Includes perennial ryegrass varieties with a broad range of heading dates and growth patterns designed for continuous grazing
- Timothy is included for added palatability
- This mixture can be taken for hay or silage if required
- Will respond very well to applied nitrogen

14.00KG PER ACRE | SKU: 7015 | 5+ YEARS DUAL PURPOSE (GRAZING, SILAGE & HAY)



HM.17

INTENSIVE GRAZER



IN THE BAG
#GREENBAG

3.00KG FOXROT Perennial Ryegrass Late Dip

3.00KG TODDINGTON Perennial Ryegrass Late Dip

2.50KG VALERIO Perennial Ryegrass Late Tet

3.00KG BIJOU Perennial Ryegrass Late Tet

1.50KG COMER Timothy

1.00KG CANTERBURY White Clover Blend

- Popular late heading permanent mixture
- First class grazing mixture
- Produces high yields
- Highly palatable and digestible
- Superb ground cover that will suppress weeds - very thick in the bottom
- Formulated with grasses that nurse clovers for increased clover concentrations
- Fixes high levels of atmospheric nitrogen through legume content
- Option of including 1kg of Forage Rape (with re-growth)
- Option of including 1kg of Alsike for its clover content and ability to thrive in different pH values

14.00KG PER ACRE | SKU: 7017 | 4-8 YEARS DUAL PURPOSE (GRAZING & SILAGE)



HM.18

MANOR



IN THE BAG
#GREENBAG

2.50KG RODRIGO Perennial Ryegrass Int Dip

1.50KG ROY Perennial Ryegrass Int Tet

1.00KG ASTONVISION Perennial Ryegrass Int Tet

1.00KG FOXROT Perennial Ryegrass Late Dip

1.00KG TODDINGTON Perennial Ryegrass Late Dip

1.50KG POMTRADE Perennial Ryegrass Late Tet

1.50KG MELFROST Perennial Ryegrass Late Tet

1.00KG COMER Timothy

1.00KG ERECTA Timothy

0.70KG PARDUS Meadow Fescue

0.50KG HARMONIE Red Clover

0.80KG VIKING White Clover Blend

- Very flexible grass seed mixture of permanent grasses
- Provides grazing that is highly palatable and digestible throughout the season
- Suitable for hay or silage
- Well balanced mixture using a wide range of species that can adapt to different climatic conditions
- Offers a wider nutritional base than other mixtures
- Clovers create a good source of Nitrogen
- The meadow fescue & timothy can still yield well in soils with poor nutrients

14.00KG PER ACRE | SKU: 7018 | 4-6 YEARS DUAL PURPOSE (GRAZING, SILAGE & HAY)

"The Manor mix supplied by Hurrells has worked exceedingly well for us here at Denton Estate. The mix has done very well, establishing very easily and yielding brilliantly. We used it as an under sowing in the spring and when we took the cereal off, the grass romped away! We have never seen clover grow like it from any other mixtures and this developed it into a tremendous grazing ley! We also cut for silage making it a top performing dual purpose mix."

George Bush
Denton Estate



HM.24

ALDERLEY



IN THE BAG
#GREENBAG

3.50KG	BASE Perennial Ryegrass Int Tet
2.50KG	ASTONCONQUEROR Perennial Ryegrass Int Dip
1.50KG	ROSSERA Perennial Ryegrass Late Dip
1.50KG	FOXTROT Perennial Ryegrass Late Dip
2.50KG	BIJOU Perennial Ryegrass Late Tet
1.00KG	COMER Timothy
1.00KG	CHELFORD White Clover Blend

- An adaptable mix aimed at long term cutting and grazing with exceptionally high yields for both
- Good overall seasonal growth with excellent disease resistance and exceptional performance under intensive management
- Very consistent, well balanced seasonal year growth
- We recommend that this mix is cut to 3 inch or 8cm cutting height
- Excellent 'D' values, optimum intakes
- Based around later heading grasses that have higher quality and a denser sward
- We have an option of adding 2 kg Westerwolds to this mixture as a fast-growing nurse crop

13.50KG PER ACRE | SKU: 7024 | 4-5 YEARS DUAL PURPOSE (SILAGE & GRAZING)



HM.25

SIDDINGTON



IN THE BAG
#GREENBAG

1.50KG	RODRIGO Perennial Ryegrass Int Dip
2.00KG	BOYNE Perennial Ryegrass Int Dip
3.00KG	TODDINGTON Perennial Ryegrass Late Dip
2.75KG	BIJOU Perennial Ryegrass Late Tet
2.75KG	MELFROST Perennial Ryegrass Late Tet
1.00KG	VIKING White Clover Blend

- A long term grazing mixture
- Very dense sward
- Choice of top rated varieties
- Give plenty of grass forage production for many years
- High intake characteristics
- High dry matter
- High D value and yield
- This mixture will cut and graze, its late perennial will produce high quality grazing and silage
- Combines a high yield and quality with hardiness and density

13.00KG PER ACRE | SKU: 7205 | 4+ YEARS DUAL PURPOSE (GRAZING & SILAGE)



HM.32

COCKLE PARK



IN THE BAG
#GREENBAG

1.25KG	GENESIS Perennial Ryegrass Early Dip
1.50KG	VALERIO Perennial Ryegrass Int Tet
2.25KG	ROY Perennial Ryegrass Int Tet
2.00KG	FOXTROT Perennial Ryegrass Late Dip
2.50KG	TRIBAL Perennial Ryegrass Late Tet
1.00KG	TERANO Cocksfoot
1.00KG	PARDUS Meadow Fescue
0.50KG	ERECTA Timothy
0.50KG	MERULA Red Clover
0.50KG	MERWI White Clover
0.50KG	BARBLANCA White Clover
0.50KG	MERLYN White Clover

- High yielding permanent seed mix
- Wide variety of grass and legume species
- Mix will break up hard pan soils with deep tap roots and provide incredible drought tolerance
- Customers have reported back to us during weeks of no rain, that the Cockle Park still retains a luxuriant green appearance

14.00KG PER ACRE | SKU: 7037 | 4-5 YEARS GRAZING



HM.34

PREMIUM HAY MAKER

IN THE BAG
#GREENBAG

2.00KG	ASTONCRUSADER Hybrid Ryegrass Tet
1.25KG	KIMBER Perennial Ryegrass Early Dip
2.00KG	ASTONCONQUEROR Perennial Ryegrass Int Dip
2.25KG	RODRIGO Perennial Ryegrass Int Dip
2.00KG	NIFTY Perennial Ryegrass Int Dip
1.50KG	TODDINGTON Perennial Ryegrass Late Dip
1.50KG	FOXTROT Perennial Ryegrass Late Dip
0.75KG	ERECTA Timothy
0.75KG	COMER Timothy

14.00KG PER ACRE | SKU: 7043 | 4-5 YEARS CUTTING (HAY & HAYLAGE)

- High quality upright diploid grasses for the very best hay
- The diploid grasses have a lower moisture content making it ideal for Hay
- Highly palatable (with the inclusion of Timothy)
- Long term mixture, 4 years +
- Can be grazed if required



HM.8

EQUIGRAZE HORSE Paddock



IN THE BAG
#GREENBAG

2.00KG	KIMBER Perennial Ryegrass Early Dip
4.00KG	BOYNE Perennial Ryegrass Int Dip
4.00KG	FOXTROT Perennial Ryegrass Late Dip
1.50KG	COMER Timothy
0.50KG	BROOKLAWN Smooth Stalked Meadow Grass
2.00KG	MAXIMA Strong Creeping Red Fescue

14.00KG PER ACRE | SKU: 7008 | 4-5 YEARS DUAL PURPOSE (GRAZING & HAY)

- This grass seed mixture will provide excellent grazing for horses or ponies as its very palatable
- Will produce a dense sward and has the ability to repair itself
- Acknowledged as leading the field for equine usage
- Designed for horses, race horses and ponies
- Can be cut for hay
- Added timothy increases grass palatability
- Strong creeping red fescue produces a strong, dense turf to increase sward resilience under hoof
- Prostrate growth habit that is easy to manage



HM.38

NON RYE HORSE Paddock



IN THE BAG
#GREENBAG

2.50KG	COSMOLIT Meadow Fescue
2.50KG	PARDUS Meadow Fescue
2.00KG	COMER Timothy
2.00KG	KORA Tall Fescue
1.00KG	BORNITO Hard Fescue
3.00KG	MAXIMA Strong Creeping Red Fescue
0.50KG	BROOKLAWN Smooth Stalked Meadow Grass
0.15KG	SOUTHLANDS Crested Dogstail
0.10KG	COMMERCIAL Meadow Foxtail
0.10KG	DASAS Rough Stalked Meadow Grass
0.15KG	HIGHLAND Common Bent

14.00KG PER ACRE | SKU: 7047 | 5 YEARS DUAL PURPOSE (GRAZING & HAY)

- Non Rye Horse Paddock; palatable sward, yet low sugar
- Avoids rich sugary ryegrasses that cause laminitis and stomach ulcers
- Provides a dense surface
- Less intensive than HM.8 Equigraze
- Includes fescues that creep laterally and reduce sward damage from hooves
- Persistent long term mixture that will last longer than a rye based mixture
- Can be grazed or cut for hay
- Also available with herbs



HURRELLS - ONE OF THE LARGEST STOCKISTS OF ORGANIC SEED IN THE UK

- LARGE RANGE OF DIVERSE ORGANIC MIXTURES (IN STOCK)
- BESPOKE ORGANIC MIXTURES DESIGNED AND MIXED ON SITE BY EXPERTS
- HUGE SELECTION OF ORGANIC SPECIES
- FULLY INDEPENDENT FAMILY BUSINESS

Call the office for our latest mixes or see www.hmseeds.co.uk



SKU 71060

**ORG SHORT TERM**

12.5KG | 2-3 YEARS | DUAL PURPOSE
 ITALIAN RYEGRASS, HYBRID RYEGRASS,
 PERENNIAL RYEGRASS, RED CLOVER

SKU 71050

**ORG FORAGE EXPRESS**

22.0KG | 1 YEAR | DUAL PURPOSE
 ITALIAN RYEGRASS, RED CLOVER, CRIMSON
 CLOVER, COMMON VETCH

SKU 71240

**ORG FORAGE SUPREME**

22.0KG | 2 YEARS | DUAL PURPOSE
 ITALIAN RYEGRASS, RED CLOVER, COMMON
 VETCH, RAPE/KALE HYBRID, FORAGE RAPE

SKU 71110

**ORG MEDIUM TERM**

13.0KG | 3-4 YEARS | DUAL PURPOSE
 HYBRID RYEGRASS, PERENNIAL RYEGRASS,
 WHITE CLOVER

SKU 71130

**ORG PERMANENT PASTURE**

15.0KG | 5+ YEARS | DUAL PURPOSE
 PERENNIAL RYEGRASS, TIMOTHY, MEADOW
 FESCUE, WHITE CLOVER

SKU 71150

**ORG COCKLE PARK**

15.0KG | 5+ YEARS | DUAL PURPOSE
 PERENNIAL RYEGRASS, COCKSFOOT,
 MEADOW FESCUE, TIMOTHY, RED CLOVER &
 WHITE CLOVER

SKU 71140

**ORG OVERSEEDER**

11.0KG | 3-5 YEARS | DUAL PURPOSE
 ITALIAN RYEGRASS, HYBRID RYEGRASS,
 PERENNIAL RYEGRASS, WHITE CLOVER

SKU 71220

**ORG SOS**

27.0KG | 1 YEAR | CUTTING
 WESTERWOLDS, COMMON VETCH

SKU 71070

**ORG SOIL IMPROVER**

10.0KG | 1-2 YEARS | CUTTING
 PERENNIAL RYEGRASS, RED CLOVER

SKU 71200

**ORG MEADOW FESCUE**

14.0KG | 2-3 YEARS | DUAL PURPOSE
 MEADOW FESCUE, TIMOTHY, PERENNIAL
 RYEGRASS, RED CLOVER

SKU 71120

**ORG LONG TERM**

13.0KG | 5+ YEARS | DUAL PURPOSE
 PERENNIAL RYEGRASS, WHITE CLOVER

SKU 71230

**ORG DROUGHT RESISTANT**

12.5KG | 5+ YEARS | DUAL PURPOSE
 COCKSFOOT, MEADOW FESCUE, TIMOTHY, RED
 CLOVER, WHITE CLOVER, CHICORY, BURNET,
 YARROW, SHEEPS PARSLEY, PLANTAIN

SKU 71250

**ORG MOB GRAZER**

12.5KG | 5+ YEARS | DUAL PURPOSE
 FESTULOLIUM, PERENNIAL RYEGRASS,
 TIMOTHY, COCKSFOOT, RED CLOVER, WHITE
 CLOVER, LUCERNE, VETCH, PLANTAIN, BURNET,
 SHEEPS PARLSEY, YARROW, CHICORY

Call the office for our latest mixes or see
www.hmseeds.co.uk

Enquire for full range





AB1

NECTAR FLOWER



IN THE BAG
#GREENBAG

25.00%	RED CLOVER
25.00%	ALSIKE CLOVER
22.00%	COMMON SAINFOIN
9.00%	BIRDSFOOT TREFOIL
12.00%	WINTER VETCH
5.00%	LUCERNE (pre-innoculated)
2.00%	RED CAMPION

- Environmental seed mixture full of the very best nectar plants from the AB1 and EF4 lists
- With a good availability of essential food sources, to attract nectar-feeding insects, including butterflies and bumblebees
- 4 nectar rich plants need to be established with two perennials to comply
- Suitable to be sown for EFA Fallow Land

5.00KG PER ACRE | SKU: 7810 | SCHEME: AB1/EF4



AB3

BEETLE BANK

IN THE BAG
#GREENBAG

45.00%	COCKSFOOT
30.00%	STRONG CREEPING RED FESCUE
25.00%	TIMOTHY

- Beetle bank seed mix produces a tall, tussocky grass area ideal for nesting birds, mammals and over-wintering insects.
- Over-wintering insects have been proven to feed on other insects that can damage crops, so it is beneficial to surrounding crops
- Also ideal for maintaining soil structure in little used areas, and for preventing soil erosion by wind or water.

8.00KG PER ACRE | SKU: 7805 | SCHEME: AB3/EF7



AB8

FLOWER RICH MARGINS



IN THE BAG
#GREENBAG

25.00%	RED FESCUE
12.00%	CHEWINGS FESCUE
30.00%	HARD FESCUE
10.00%	MEADOW FESCUE
5.00%	COMMON BENTGRASS
10.00%	CRESTED DOGSTAIL
1.00%	SMALL LEAVED TIMOTHY
0.50%	YARROW
0.20%	BIRDSFOOT TREFOIL
3.00%	SAINFOIN
0.80%	LADYS BEDSTRAW
0.80%	OXEYE DAISY
0.80%	COMMON KNAPWEED
0.80%	RED CAMPION

- Contains UK native Wildflowers and low maintenance grasses
- Will provide a large amount of pollen and nectar rich plants through the year
- Provides habitats for insects (beneficial insects such as bees, butterflies, hoverflies etc), farmland birds etc
- Includes species from the RHS Plants for Pollinators
- Suitable to be sown for EFA Fallow Land
- Different ratios of wildflower:grass available

5.00KG PER ACRE | SKU: 7810 | SCHEME: AB8/EE3/EF1



AB9

WILD BIRD COVER 1



IN THE BAG
#GREENBAG

35.00%	SPRING TRITICALE
35.00%	SPRING BARLEY
6.00%	KALE BLEND
5.00%	MUSTARD
5.00%	SUNFLOWER BLEND
3.00%	QUINOA BLEND
5.00%	WHITE MILLET
6.00%	LINSEED

- Lasts 2 years as it includes Kale, the rest of the ingredients are annual
- Provides a large selection of seeds for feed during the autumn winter for small birds and mammals
- Complies with the Environment Stewardship Scheme AB9 Mid-Tier & ELS (EF2)
- Suitable to be sown for EFA Fallow Land

20.00KG PER ACRE | SKU: 7807 | SCHEME: AB9/EF2



AB9

WILD BIRD COVER 2



IN THE BAG
#GREENBAG

38.00%	WHITE MILLET
26.00%	QUINOA BLEND
8.00%	FORAGE RAPE
10.00%	LINSEED
10.00%	KALE BLEND
5.00%	FODDER RADISH
3.00%	PULSAR RAPE/KALE HYBRID

- Diverse range of plants that produce large amounts of seed
- Kale, Fodder Rape and PULSAR ensure a proliferation of seeds in the second year
- Sow either on its own or with cereal seed such as Triticale
- Complies with the Environment Stewardship Scheme AB9 Mid Tier & ELS (EF2)
- Suitable to be sown for EFA Fallow Land

8.00KG PER ACRE | SKU: 7808 | SCHEME: AB9/EF2



AB15

TWO YEAR SOWN LEGUME



IN THE BAG
#GREENBAG

16.50%	BOYNE Perennial Ryegrass Int Dip
16.50%	ROY Perennial Ryegrass Int Tet
16.50%	CANCAN Perennial Ryegrass Late Dip
16.50%	ASPECT Perennial Ryegrass Late Tet
15.00%	MERVIOT Red Clover
11.00%	COMMON Vetch
7.00%	LEO Birdsfoot Trefoil
0.50%	Common Knapweed
0.50%	Oxeye Daisy

- Will reduce black-grass numbers
- Supplies large amounts of pollen & nectar rich flowers
- Attracts pollinating and beneficial insects such as bumblebees, solitary bees, butterflies and hoverflies
- Some adult farmland birds and chicks seen foraging in and around the sown fallow between April and July
- Complies with the Environment Stewardship Scheme AB15
- Suitable to be sown for EFA Fallow Land

12.00KG PER ACRE | SKU: 7814 | SCHEME: AB15



AB16

AUTUMN SOWN BUMBLEBIRD  IN THE BAG #GREENBAG

18.00%	WINTER TRITICALE
18.00%	WINTER BARLEY
15.00%	FODDER RADISH
15.00%	CRIMSON CLOVER
10.00%	BIRDSFOOT TREFOIL
5.00%	GOLD OF PLEASURE
5.00%	KALE BLEND
5.50%	PHACELIA
7.00%	COMMON VETCH
0.50%	COMMON KNAPWEED
0.50%	WILD CARROT
0.50%	OXEYE DAISY

- Provides important food resources for farmland birds and nectar feeding insects (bees, butterflies etc.)
- Will provide large amounts of small seed in the winter months
- Highly attractive mixture with bright colours including Wildflowers (pollen & nectar rich flowers over a long period of time in the year)
- Pollinating and beneficial insects including bumblebees, solitary bees, butterflies, hoverflies etc
- Will attract farmland birds including tree sparrow and corn bunting
- Suitable to be sown for EFA Fallow Land

12.00KG PER ACRE | SKU: 7815 | SCHEME: AB16



GS4

LEGUME & HERB RICH SWARDS    IN THE BAG #GREENBAG

2.50KG	GLENARIFF Perennial Ryegrass Int Dip
2.60KG	FOXTROT Perennial Ryegrass Late Dip
1.50KG	SPARTA Cocksfoot
0.80KG	COSMOLIT Meadow Fescue
1.00KG	ERECTA Timothy
0.50KG	BEAGLE Tall Fescue
0.70KG	ALTASWEDE Red Clover
0.70KG	MERVIOT Red Clover
0.40KG	LEO Birdsfoot Trefoil
0.50KG	AURORA Alsike Clover
0.60KG	COMMON Sainfoin
0.30KG	CHOICE Chicory
0.15KG	COMMERCIAL Yarrow
0.40KG	COMMERCIAL Sheeps Parsley
0.35KG	TONIC Plantain
1.00KG	SHEEPS Burnet

- A vigorous sward with abundant legumes and deep rooting herbs
- Provides productive very high quality forage for livestock
- Mixture provides food and habitats for invertebrates (including crop pollinators)
- Improves soil structure and water infiltration
- Mitigates climate change by reducing nitrogen fertiliser use
- Great in both wet and dry conditions
- 5 species of grass, 3 species of legume (including birdsfoot trefoil) and 5 species of Herbs/ Wildflowers
- Suitable to be sown for EFA Fallow Land

14.00KG PER ACRE | SKU: 7036 | SCHEME GS4/EK21



GS8

SPECIES-RICH GRASSLAND  IN THE BAG #GREENBAG

RED FESCUE
CRESTED DOGSTAIL
MEADOW FESCUE
HARD FESCUE
SMOOTH STALKED MEADOW GRASS
TIMOTHY
AP2 ECO WILDFLOWER MIX (100%)

3 OPTIONS; 95:5 GRASS/WILDFLOWER
90:10 GRASS/WILDFLOWER
85:15 GRASS/WILDFLOWER

- Contains UK native wildflowers & low maintenance grasses
- Will provide a large amount of pollen & nectar rich plants through the year
- Provide habitats for insects (beneficial insects such as bees, butterflies, hoverflies etc.) & farmland birds
- Stabilises the soil
- Reduces surface run-off
- Includes species from the RHS Plants for Pollinators
- Suitable to be sown for EFA Fallow Land
- Different ratios of wildflower:grass available

8.00KG PER ACRE | SKU: 7816 | SCHEME: GS8/SW7



SW/EE

BUFFER STRIP/MARGINS 1 IN THE BAG #GREENBAG

20.00%	STRONG CREEPING RED FESCUE
10.00%	MEADOW FESCUE
20.00%	HARD FESCUE
20.00%	TIMOTHY
15.00%	AMENITY TALL FESCUE
15.00%	CHEWINGS FESCUE

- Non-invasive, low maintenance grass seed species
- Indigenous to the United Kingdom
- Establishes well with no fertiliser
- Highly suited to margins and buffer strips around fields
- Can be used for grass meadows

8.00KG PER ACRE | SKU: 7801 | SCHEME: SW/EE



SW/EE

BUFFER STRIP/MARGINS 2 IN THE BAG #GREENBAG

20.00%	STRONG CREEPING RED FESCUE
10.00%	MEADOW FESCUE
20.00%	HARD FESCUE
10.00%	SMALL LEAVED TIMOTHY
10.00%	SMOOTH STALKED MEADOW GRASS
20.00%	CHEWINGS FESCUE
10.00%	COMMON BENTGRASS

- Contains a less dominant small leaved timothy
- Ideal for lighter land due to smooth stalked meadow grass
- Highly suited to margins and buffer strips around fields
- Can be used for grass meadows

8.00KG PER ACRE | SKU: 7802 | SCHEME: SW/EE



SW/EE

BUFFER STRIP/MARGINS 3 IN THE BAG #GREENBAG

30.00%	TIMOTHY
15.00%	COCKSFOOT
30.00%	STRONG CREEPING RED FESCUE
20.00%	MEADOW FESCUE
5.00%	TALL FESCUE

- Contains more agricultural type species than other margins mixtures
- Quick to establish and good for weed suppression
- Ideal mixture for cross compliance purposes
- Highly suited to margins and buffer strips around fields
- Can be used for grass meadows

8.00KG PER ACRE | SKU: 7803 | SCHEME: SW/EE

**MORE MIXTURES FOR STEWARDSHIP ONLINE - WWW.HMSEEDS.CO.UK
CONTACT US FOR BESPOKE HIGHER TIER MIXTURES & PRICES**

As part of the Greening measures, farmers with more than 15 ha's of Arable land are to put 5% of the land to ecological focus areas (EFA's). There are different EFA's including Catch / Cover Crops, nitrogen fixings crops, fallow land, buffer strips & hedges. For the latest information on EFA's, please see our website.

The EFA options available are:

- **Catch Crops**
- **Cover Crops**
- **Nitrogen Fixing Crops**
- **Buffer strips and Field margins**
- **Fallow land**
- **Hedges and Trees in a line**



Catch crops and cover crops are used to protect the soil and use available nutrients between harvesting and sowing. Under the EFA rules, catch crops or cover crops must be made up of a sown mix of at least 2 different cover types that establish quickly, achieve ground cover and will use available nutrients.

The minimum area of EFA catch or cover crops is 0.01 hectares. They must be on arable land. To count as an EFA, farmers can use any percentage of a sown mix, as long as there is a visible mix of at least 2 different crops from this list (a minimum of one cereal and one non-cereal):

Species allowed for EFA:

Cereal - Barley, Oats & Rye

Non-Cereal - Phacelia, Vetch, Mustard, Radish & Lucerne - **bespoke mixtures available upon request**

To count as an EFA, **catch crops** must be established by 20th of August and retained until at least 14th of October.

To count as an EFA, **cover crops** must be established by 1st of October and retained until at least 15th of January.

Grass or leguminous crops or a mix of both can be counted as either an EFA catch crop or an EFA cover crop, as long as it was undersown in the previous crop and is visible and dense enough to cover the ground by the start of the catch crop or cover crop period. Read the list of crops to find out which catch and cover crops can count as an EFA. The regulations don't allow farmers to include crops that are usually grazed, so kale and stubble turnips don't count. Farmers can include other crops in their catch crops or cover crops, but these areas cannot count as part of their EFA.

All information is correct at the time of writing. Please check the latest details with your local advisor



EFA

NITROGEN FIXER



IN THE BAG
#GREENBAG

- 35.00% WINTER Forage Rye
- 65.00% WINTER/HAIRY Vetch

- Nitrogen lifter, holder and fixer (Rye is the most efficient species at catching and holding nitrogen)
- Very winter hardy (growing in cold winter temperatures)
- Vigorous growth above and underground
- Roots at different levels improving soil health
- Winter Vetch fixes nitrogen at lower temperatures than other legumes
- Weed suppressor
- Protects from soil erosion
- Sow late summer for best results

16.00KG PER ACRE | SKU: 7920 | ACRE PACKS



EFA

SOIL IMPROVER

IN THE BAG
#GREENBAG

- 65.00% WINTER Forage Rye
- 25.00% ZLATA White/Yellow Mustard
- 5.00% TERMINATOR Brown Mustard
- 10.00% MINO Daikon Tillage Radish

- Nitrogen lifter and holder (Rye is the most efficient species at catching and holding nitrogen)
- Very winter hardy (growing in cold winter temperatures)
- Daikon provides huge roots that break up the soil and reduces compaction
- Brown mustard has an increased winter tolerance compared with White / Yellow Mustard
- Produces large quantities of organic matter
- Improves soil biology
- Weed suppressor
- Protects from soil erosion

Turnover for more mixtures

16.00KG PER ACRE | SKU: 7921 | ACRE PACKS



EFA

BLACK GRASS TERMINATOR

IN THE BAG
#GREENBAG

80.00% BLACK/BRISTLE Oats

20.00% ZLATA White/Yellow Mustard

- Nitrogen holder that is perfect for any area that has a problem with black grass
- The allelopathic compounds released through the roots inhibit weed growth
- Prolific tillering gives good ground coverage that suppresses winter weeds and also provides residue during the next planted crop
- Bristle Oats suppress some nematodes, especially root-knot nematodes. Their allelopathic compounds help to break disease cycles for other crops
- Quick to establish and improves soil structure
- Protects from soil erosion

16.00KG PER ACRE | SKU: 7922 | ACRE PACKS



EFA

ECO

IN THE BAG
#GREENBAG

80.00% WINTER Forage Rye

20.00% ZLATA White/Yellow Mustard

- Nitrogen lifter and holder (rye is the most efficient species at catching and holding Nitrogen)
- High yields of organic matter for soil enhancement
- Good green manuring quality
- Dense canopy formation for maximum weed suppression
- Protects from soil erosion
- Sow late summer for best results

16.00KG PER ACRE | SKU: 7923 | ACRE PACKS

EFA Fallow Land Seed

To count as an EFA,

- Fallow land must be kept **fallow from 1st of January to 30th of June.**
- Fallow land must be located on arable land
- The minimum area of EFA Fallow is 0.01 ha with a minimum width of 2 metres

Areas occupied by the following can not count as EFA Fallow:
Bales of hay or straw / silage / manure / farm machinery

Temporary grass can be used as EFA Fallow and then grazed or cut after 30 June

During the **EFA Fallow period (1st of January to 30th of June)** farmers can do the following on their fallow land:

- Carry out land drainage work.
- **Sow wild bird seed mixes and / or nectar or pollen sources.**
- Top green cover or previous crop residue.
- **Sow grass for reasons other than agricultural production.**
- Plough the ground – as long as it is only to prepare for sowing grass, wild bird seed mixes and / or nectar / pollen sources.

Farmers must not:

- Harvest or graze the EFA Fallow area.
- Plant or sow any crop (apart from those allowed above).
- Apply fertiliser or manure unless required by sown grass, wild bird seed mixes and / or nectar / pollen sources.
- Apply plant protection products during the fallow period.

EFA Buffer Strips & Field Margins Seed

EFA Field Margins must be:

- An uncultivated margin around the perimeter of fields against the permanent parcel boundary or surrounding internal landscape features within the parcel.
- It must not be used for crop production although it can be grazed or cut as long as there is a difference between it and the adjoining agricultural land.

EFA Buffer strips must be:

- At least 1 metre wide (edge to edge)
- Next to arable land (or within 5m of it) and on the arable side of a watercourse

- Next to a watercourse or parallel with (and on a slope leading to) a watercourse Farmers can count a maximum of 2 EFA Buffer strips on each side of a watercourse. One of these must be adjacent to the watercourse – the other can be in the field

EFA Buffer Strips and Field Margins can overlap the cross compliance buffers required to protect hedges and surface water.

All information is correct at the time of writing. Please check the latest details with your local advisor.

See mixtures for both in the stewardship section

Nitrogen-fixing crops may be grown on their own in pure stands (contact us for straight seed lots) or may be mixed with other crops providing the nitrogen-fixing crops make up at least 51% of the plants in the ground (see mixtures below or contact the office for bespoke mixtures). The minimum area of nitrogen-fixing crops which can count as an EFA is 0.01 hectares.

Apart from the plant protection products restrictions, there are no specific restrictions on the use, location or inputs for other nitrogen-fixing crops, but farmers must follow the cross compliance rules on this land.

To be eligible as EFA, nitrogen-fixing crops **must be in the ground during the crop diversification period, from 1st of May to 30th of June.**

Farmers growing EFA nitrogen-fixing crops must not use plant protection products on their crop for the full crop cycle from planting to harvest. This includes seed dressings. For farmers growing multi-annual nitrogen-fixing crops, like Lucerne for example, the ban on applying plant protection products applies from 1st January until 31st December unless a final crop is being taken before the plants are destroyed. In which case, the ban applies from 1st January until the final harvest is taken.

Includes 'pasture legumes' such as **clover, lucerne, sainfoin and trefoil** + other legumes such as beans, chickpeas, cowpeas, fenugreek, lentils, lupins, peas, soya and **vetch**.

All information is correct at the time of writing. Please check the latest details with your local advisor.



EFA

NITROGEN FIXING LEGUME



IN THE BAG
#GREENBAG

75.00%	COMMON Vetch
10.00%	MERULA Red Clover
5.00%	PARADANA Balansa Clover
10.00%	CONTEA Crimson Clover

- Huge Nitrogen fixer! 100% of the mix fixes Nitrogen
- Improves soil structure and fertility
- High yields of high protein forage
- Fast growth that smothers and suppresses weeds
- Fits the EFA Nitrogen-fixing crop requirements

12.00KG PER ACRE | SKU: 7924 | ACRE PACKS



EFA

CLOVER & GRASS



IN THE BAG
#GREENBAG

51.00%	Red Clover Blend
30.00%	Perennial Ryegrass Late Tet
19.00%	Perennial Ryegrass Late Dip

- Improves soil structure and fertility
- Fixes nitrogen for the following crop (Less nitrogen fertiliser is required)
- The red clover also provides a long tap root, high protein crop etc
- Late perennial ryegrasses are good companions to keep quality, fill any gaps etc.
- Weed suppressing mix
- Grows on most soils
- High tolerance to winter cold & drought
- The nitrogen-fixing crop makes up at least 51% of the plants in the ground.
- Fits the EFA Nitrogen-fixing crop requirements

8.00KG PER ACRE | SKU: 7925 | 2 ACRES PER PACK

SEE FOLLOWING PAGES FOR LEGUMES & OTHER SOIL IMPROVERS

BALANSA

CLOVER (VARIETY PARADANA)



- Annual SELF-REGENERATING Clover seed (new to the UK)
- Frost tolerant, known to survive up to -14 degrees
- Huge, tall and semi-erect growing, tillering plant with hollow stems (3-6ft tall)
- Nitrogen fixing (100kg per acre)
- Massive yields, higher yielding than Red & White Clover
- Long, deep taproots (also improves drainage and breaks up compaction).
- Rapid root development (up to 0.5m within 2 months)
- Tolerant to water-logging, can grow in standing water (for short periods of time)
- Ideal for cutting and grazing
- Great digestibility and crude protein levels
- Hard seeded and prolific seeder
- Good disease resistance
- Will grow in most soil types and Ph ranges (5.5-9)



4.00KG PER ACRE | SKU: 2315 | TRIFOLIUM MICHELIANUM

Hurrells pride themselves on expert knowledge on small seeds, especially legumes and other soil improving plants to look after the soil for future crops. For further advice please contact the office on 01377 271400



RED

CLOVER

Sow Spring or Early Autumn

5.00 kg per acre

SKU 2303



Red clover improves soil structure and fertility. It has a 20% protein content, which is superior to grasses in nutritional value. The main benefit is that it fixes large amounts of nitrogen, which saves costs and is an essential element for organic farmers. A fast growing weed suppressor that grows on most soils (also tolerant to drought and cold conditions). Will last 3-4 years depending on variety.



WHITE

CLOVER

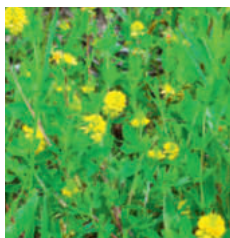
Sow Spring or Early Autumn

3.00 kg per acre

SKU 2439



White clover is mainly added into grass mixtures to reduce nitrogen fertiliser and to enhance grazing (sowing rate is for sowing into existing grass). It has a good protein content and high mineral content. The most important legume in the UK, with a great flexibility for good crops of silage or grazing. Will save on fertiliser bills and grows on most soil types, except compacted waterlogged soils. Lasts 5+ years, a lot longer than red clover but is slower to establish.



COMMON

TREFOIL

Sow March - Aug

5.00 kg per acre

SKU 2601



Common trefoil, also known as yellow trefoil or black medic is a low growing heavy nitrogen fixer. It's a fast growing green manure that also suppresses weeds. Has good forage qualities (including a high protein content) and will regrow after grazing/cutting unlike some soil improver's. The plant will tolerate most soils except acidic and is fairly drought resistant. Attracts bees & beneficial insects too and is commonly mixed with Clovers & Grasses. Can be an annual/short lived perennial (1-3 years).



CRIMSON

CLOVER

Sow Spring or Early Autumn

6.00 kg per acre

SKU 2521



Crimson clover is an annual plant that fixes large amounts of nitrogen. Very fast growing and protein rich which makes it ideal in short term seed mixtures or as a stand alone crop. It is a weed suppressor due to the fast growth and improves the soil structure (an ideal green manure)! Will also survive as small plants through the winter when sown at the back end of the season. Will last 1 year.



ALSIKE

CLOVER

Sow Spring or Early Autumn

3.00 kg per acre

SKU 2501



Alsike has a similar growth habit and benefits to red clover. It's an excellent replacement for difficult sites, as it thrives in heavy, acidic and waterlogged soils! Very multi-purpose and it's ideal for green manuring, cutting and grazing (mix with grass for a better palatability). Overall a very useful nitrogen fixer that lasts 2-3 years.



BERSEEM

CLOVER

Sow Spring or Early Autumn

5.00 kg per acre

SKU 2653



Berseem is an annual clover that is extremely fast and easy to establish (ideal weed suppressor). A key ingredient for mixes, as it fixes huge amounts of nitrogen very fast for mixture components, without the costs of adding artificial N'. Can also be used for green manuring, forage (haylage/ grazing). Very productive on alkaline soils but dies off in frosts, so it will not contaminate future crops. For Autumn sowings, put in very early to fix nitrogen. It also attracts beneficial pollinators. Will last 1 year.



BIRDSFOOT

TREFOIL

Sow Spring or Early Autumn

3.00 kg per acre

SKU 2511



Birdsfoot trefoil is a highly useful perennial nitrogen fixer. Tested to fix more nitrogen and higher yielding than white clover, however is slow growing in the 1st year and needs high levels of light in this period. Produces high quality forage with large amounts of protein, and reduces methane outputs too! Very long soil improving taproots with a large lateral root spread too. Suits a wide range of soils (including acidic soils) and tolerates frost, cold weather and water logging. Sow in spring for best results.



LUCERNE

ALFALFA

Sow April or July-Aug

8.00 kg per acre

SKU 2252



Lucerne is known for its extremely deep roots that fix nitrogen, this feeds itself and successive crops! Highly digestible (due to the cell wall content and composition) and high protein feed (18-20% crude protein). Suited to cutting rather than grazing and is an anti-bloat forage. Our preferred varieties are Daisy & Pardus (pre-inoculated). Sow April or July/August (quite slow to establish) and it will last 4 years.



PERSIAN

CLOVER Sow Spring or Early Autumn

4.00 kg per acre SKU 2651

Persian clover is a high protein, winter hardy, annual Legume. Another nitrogen fixer, that's a massive yield booster! Multi-purpose like most Clovers; It can be grazed, cut (silage or hay) and/or used as a green manure. Suitable for a wide range of soils including heavy soils and pH 6.5 - 8.5. Fairly drought tolerant too. Will last 1 year.



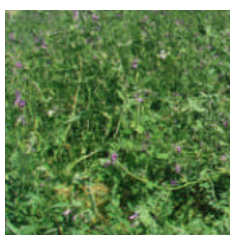
SAINFOIN

SEED

Sow April - July

25.00 kg per acre SKU 6207

Sainfoin is another deep rooter like lucerne, with a very long tap root. Fixes high amounts of nitrogen and is ideal for cutting/grazing. Benefits include; high palatability, high protein, bloat free, fattens livestock extremely fast and a natural wormer. Grows best in free draining soils but doesn't like compacted, wet, heavy clay or cold soils. The plant is slow to establish but drought & frost tolerant. Overall, a very useful perennial plant with an erect growth habit that will last around 3-4 years.



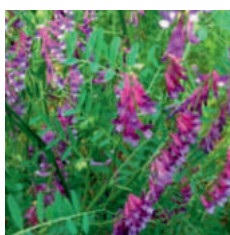
VETCH

COMMON

Sow in Spring

20.00 kg per acre SKU 5951

Common Vetch is an annual crop that's a highly popular deep rooting nitrogen fixer. As it's not very Winter-hardy, it should only be used for spring sowings for best results (see winter vetch for a more winter-hardy plant). Very adaptable for all types of management, with a very high protein content. Will improve the soil structure and out compete weeds, due to its rapid establishment. Ideal for cutting and green manuring. It will last up to 1 year if sown in the spring.

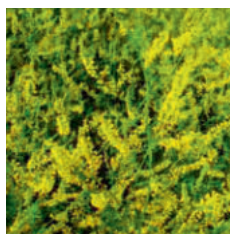


VETCH

WINTER/HAIRY Sow Spring or Early Autumn

20.00 kg per acre SKU 5953

Winter/hairy vetch fixes large amounts of nitrogen like common vetch and has similar benefits (deep rooting, soil improver, vigorous growth + re-growth & weed suppressor). It's the most winter-hardy vetch (but will struggle in severe winters), the only vetch to use for autumn sowings. It prefers well-drained soils - do not use in clay and wet soils. Ideal for cutting and green manuring. Can be an annual or biennial, so will last longer than common vetch.



YELLOW

BLOSSOM CLOVER Sow April - May

4.00 kg per acre SKU 2654

Sweet clover, also known as yellow blossom clover is a biennial that flowers in the 2nd year. It grows very vigorously and grows up to 2m tall. Sweet smelling yellow flowers that attract beneficial insects. Importantly, it has leguminous roots, which are great for maintaining soil conditions and break up hard compacted soils to improve drainage. Great when used as a green manure, that adds good organic matter when dug in. Sow 0.5 cm deep, with a row width of 70cm. The crop will last 2-3 years.

NON-LEGUME



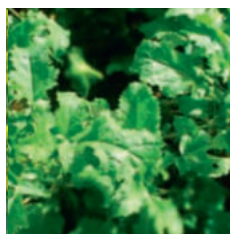
BUCKWHEAT

SEED

Sow April to May

20.00 kg per acre SKU 4611

Buckwheat is annual crop fast growing plant, that matures in just 3 months! Smothers weeds with a vine like growth habit and is an ideal green manure. It also attracts beneficial insects and can be used for gamecover (seeds produced over a long time and is high in protein). It likes most soil types and for best results broadcast - do not drill.



MUSTARD

BROWN

Sow April to Sep

2.00 kg per acre SKU 4606

Brown Mustard is a nitrogen catching, green manure crop. It's commonly used because it's a Biofumigant that controls pests, diseases and weeds. A natural soil improver that increases organic matter. Easy to establish like yellow mustard but more winter-hardy and lower sowing rates. 50-70 day crop.



MUSTARD

YELLOW

Sow April to Aug

5.00 kg per acre Product No 4504



Yellow / white mustard is a highly popular annual green manure or forage crop. Key benefits include holding nitrogen for the next crops and it requires very little cultivation to grow, plus a low fertiliser input. Very quick to establish, suppresses weeds and naturally resilient to pests. It's not very winter-hardy, however we use the variety ZLATA, which is more winter-hardy than other varieties. Very cost effective seed.



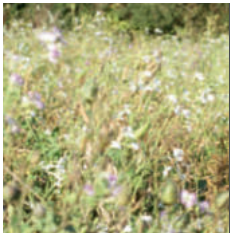
PHACELIA

SEED

Sow April to May

2.00 kg per acre Product No 4701

Phacelia is an essential fast growing, annual plant with purple flowers. Can be used for green manuring and also fixes nitrogen to the soil. Stops leeching and suppresses weeds. An excellent plant for attracting beneficial insects and birds. Visually attractive and grows to around 60 cm tall. Sow April to May but can be sown autumn for catch & cover crops.



RADISH

FODDER

Sow April to June

3.00 kg per acre Product No 4601



Fodder radish / oil radish is another annual plant that produces a very fast growth. A great green manuring, soil conditioner that's suited to all soil types (it draws up the nutrients from the subsoil & penetrates compacted soils with its big, strong and deep roots). Contains chemicals that help suppress nematodes (see Terranova which is used specifically for this use - next page). Immune to brassica sickness and can be used for gamecover too (gives lots of cover for birds + seed pods).



RADISH

DAIKON

Sow July-Aug

5.00 kg per acre Product No 4607

Daikon tillage radish has huge soil breaking roots. An exceptionally good soil improver and alleviates soil compaction. Improves drainage and aerates the soil. Nitrogen lifter & holder, which provides nitrogen for the following crop. Roots can reach 25-50 cm into the soil (the large root develops in around 7 weeks). Daikon meaning Deep Root in Japanese. Very fast growing, suppresses weeds and quick canopy cover. Can be grazed if required by cattle or sheep.



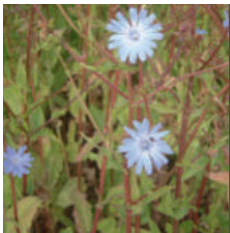
RADISH (BIOFUMIGANT)

TERRANOVA

Sow in May/June

50.00 kg per acre Product No 5603

Terranova is a natural domestos for the soil! Popular with potato farmers as it reduces nematode populations by 300%, benefiting future crops. Biofumigant & green manure. Nitrogen lifter and catcher, due to large deep roots. Improves soil organic matter. Reduces soil erosion and weed growth. More effective than mustard and other bio-fumigants. To get the best from this radish, chop the plant when it is 50% flowering into small pieces, in moist conditions.



HERB

SEEDS

Herb plants like chicory, plantain etc have long deep tap roots and are very good soil improvers. These roots draw up minerals/trace elements from different depths and store them in the top layers of the soil. The roots are good for soil conditioning and aerating the soil for future crops.

For Herbs see the Herbal Ley section for more info



FORAGE

RYE

Sow in Autumn

50.00 kg per acre Product No 5603



Forage Rye is very winter-hardy and an excellent nitrogen lifter. Use with a nitrogen fixer to lift and fix for future crops - an ideal mixture companion or use on its own. Great for green manuring, as it produces large amounts of green material. Ideal for early grazing or it can be cut for silage. Grows very well on sandy/light, free draining soils.



BLACK

OATS

Sow Spring or Autumn

20.00 kg per acre Product No 2702

Black Oats / Bristle Oats have a rapid growth for quick cover. One of the main uses is to help lower black grass numbers. It improves soil structure and suppresses some nematodes. Its allelopathic compounds help to break disease cycles for other crops and inhibit weed growth. It can tolerate drought and will grow on most soil types, it especially likes sandy & loamy soils. An annual plant that's not frost tolerant, it's more suited to spring sowings. Sow at a double rate for nematode control (40kg per acre).



SKU: 4019

BERETTA 24.0% DRY MATTER

Extremely high dry matter yields
Superb leaf disease resistance
Good practical experience in past few seasons



SKU: 4007

BLIZZARD 22.7% DRY MATTER

High dry matter content allows growers extra harvesting flexibility.
Ideal for harvesting with sugar beet machinery.
Blizzard will produce a very palatable feed best fed to dairy or beef animals



SKU: 4006

MAGNUM 19.9% DRY MATTER

Very high yield of root and top, with a high dry matter content.
It has an even height above soil
Winter-hardy variety with a low bolting tendency



SKU: 4013

ROBBOS 19.9% DRY MATTER

High dry matter yields
Clean yellow root that's easily lifted
Ideal choice for both dairy and beef animals



SKU: 4018

VIRIDIS 19.0% DRY MATTER

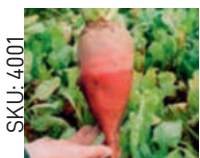
Brand new Fodder Beet variety with a high dry matter content
The plant has a strong early vigour with an excellent disease resistance
70% of the root is in the ground



SKU: 4014

CAGNOTTE 18.4% DRY MATTER

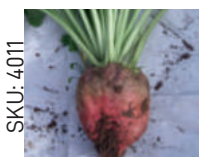
High dry matter yield that's ideal for storage & late lifting
65% of the root is out of the ground
Added insurance of Rhizomania resistance



SKU: 4001

BLAZE 18.2% DRY MATTER

Red uniform clean roots, with a medium dry matter content
Flexible variety that can be fed whole or chopped
50% of the root is in the ground, which makes it easy to harvest



SKU: 4011

MERVEILLE 17.9% DRY MATTER

Known as the big red one and has a low bolting tendency
Has an excellent establishment plus a strong early vigour
Multi purpose variety, with a high disease resistance to powdery mildew and rust



SKU: 4015

SPLENDIDE 17.1% DRY MATTER

An excellent highly palatable all round variety
Can be grazed or lifted & stored
Extremely high root to leaf ratio



SKU: 4005

KYROS 17.0% DRY MATTER

Ideal grazing type, with a good palatability and high utilisation rates
Excellent high yields and good feed value (can also be lifted)
Very popular variety



SKU: 4003

JAMON 16.2% DRY MATTER

Clean root with a medium dry matter, that's widely across the country
Very high fresh root yield – 105
High palatability and easily eaten in situ or fed whole or chopped



SKU: 4002

FELDHERR 15.2% DRY MATTER

Light orange bulbs, that will produce huge fresh yields of low dry matter roots
Ideal for grazing all animals, especially old animals and animals breaking new teeth
50% of the root is out the ground

BRIGADIER 12.0% DRY MATTER - See next page

HIGH DRY MATTER - Ideally suited for late lifting and long term storage - usually requires chopping before feeding. Potential for use in AD plants
MEDIUM DRY MATTER - Good all-rounder, very palatable beet that can be grazed in situ or lifted early to protect against frosts
LOW DRY MATTER - Great for grazing in situ, soft, palatable bulbs that sit out the ground, suitable for all animals. Reduced contracting costs

HIGHER DRY MATTER





BRIGADIER

THE GRAZING FODDER BEET (12% DM)

SKU: 4016 | 12% DM

- The grazing Fodder Beet
- Highest proportion of bulb above ground
- Save £ £ £ - no lifting costs
- Highest yielding variety with soft bite
- Very high sugars
- Highest yielding variety up-to 40 ton DM/ha
- High palatability
- Fast growth (4-6 month growing period)
- Increased animal intakes - high energy bulb/high protein leaf
- Most popular variety in Europe and NZ

“Brigadier is the best insurance program any livestock farmer could put in the ground. I have grown Brigadier in the same field for the last 4 years and never had to spray for disease yet. I’ve still been grazing until the 15th May with little or no wastage, the Brigadier has been kept very clean cheaply with a simple 2 spray programme”

Ian Burdass
Burdass Lamb Co Ltd



FRISIA

STUBBLE TURNIP

WHY GROW STUBBLE TURNIPS?

- Ultra fast growing autumn/winter feed
- Economical growing costs
- Very palatable and easy to digest
- Average dry matter yield 3.5-5 tonnes per ha
- Average fresh yields 35-45 tonnes per ha
- Crude protein 17-18%
- Dry matter dependent on variety (8-9%)

Sow June-Aug



FRISIA

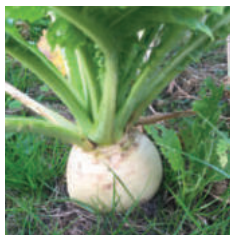
STUBBLE TURNIP

2.00 kg per acre

SKU 4302



- Frisia has very large purple roots. To get larger bulbs, reduce the seed rate slightly and sow earlier.
- It sits high in the ground with white flesh and large strap type leaves
- Great keeping and grazing qualities
- Exceptional winter-hardiness
- Excellent mildew and club root tolerance
- Fresh yields of 70 tons per ha



WHITESTAR

STUBBLE TURNIP

2.00 kg per acre

SKU 4307



- White Star grows a nice rounded globe white bulb with large strap leaf
- Most of its white flesh is above ground (but well anchored)
- Clean lifting variety with a low dirt tare
- Excellent all round disease resistance
- High annual yields and excellent keeping ability later on in the year
- Highly palatable



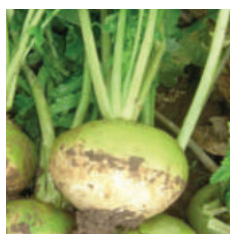
TYFON

STUBBLE TURNIP

2.00 kg per acre

SKU 4305

- Tyfon is a cross between a stubble turnip and a Chinese Cabbage
- Different from other stubbles, it has a small bulb and all the energy created goes to the massive leaves
- This makes it ideal for a palatable grazing with good frost resistance



GREENGLOBE

MAINCROP TURNIP

2.00 kg per acre

SKU 4351

- A white-fleshed main crop turnip variety. Produces globe shaped roots for grazing in late summer, autumn and winter
- Most winter-hardy variety and more Winter-hardy than stubble turnips
- Very high yielding and popular variety
- Alternative to swede for later sowings
- Can be drilled at a slightly lower rate (1.5kg)

Rape/kale hybrids have been bred to produce a variety with more flexibility in its usage than either forage rape or kale. Super-fast growing like forage rape with a good winter hardiness of Kale (high yields of very nutritious forage).

PULSAR

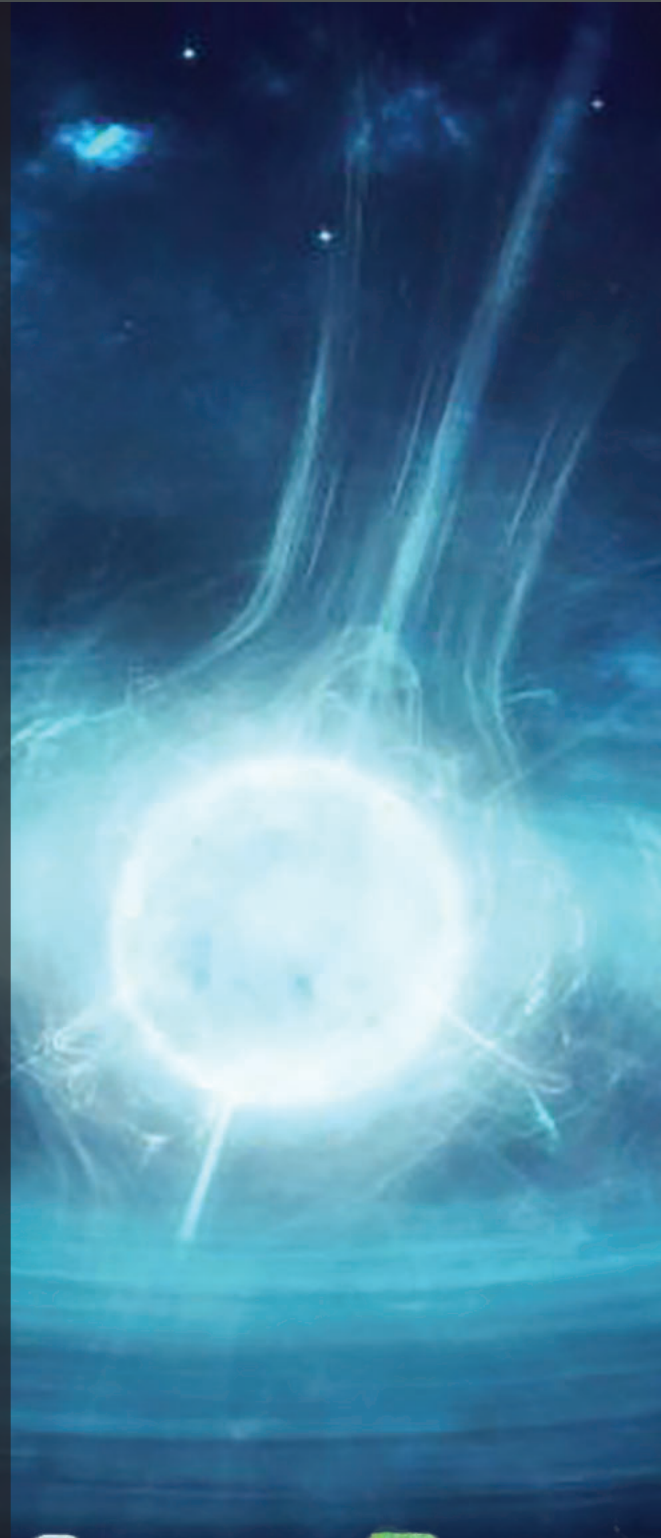
ADVANCED HYBRID RAPE/KALE



- Highest quality rape/kale hybrid
- Highest yielding rape/kale hybrid, out-yields all other rape kale varieties in our evaluation
- Most vigorous and competitive rape/kale hybrid in the UK
- Much faster to establish than kale
- Most palatable variety in the UK. In trials Pulsar has been preferentially grazed over other hybrid varieties.
- Larger and stronger than other rape/kale varieties
- High inclusion of kale qualities (unlike most other rape/kale hybrids). Nutritionally more kale, offering higher quality than rape
- Pulsar was bred and very successfully used in New Zealand. Hybrid cross from kale and forage Rape parents, that promises significantly faster establishment and healthier crops
- Pulsar does not need to reach optimum maturity before grazing unlike other brassicas.
- Full strap leaf variety giving better yields than cut leaf types.
- Can be grazed after 10-14 weeks (rotational graze for best results & lightly graze the first time).

Super high yields of very nutritious forage

SKU: 4693 | 3.00 KG PER ACRE

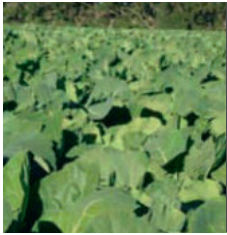




WHY GROW FORAGE RAPE?

- Very vigorous, leafy and fast growing crop
- Extremely palatable with high levels of protein
- Longer lasting and more leaf than stubble turnips
- Crops will grow on a large range of soils
- Large sowing window between April-Aug
- Average dry matter yield 3.5-5 tonnes per ha
- Average fresh yields 25-35 tonnes per ha
- Crude protein 18-20%
- Dry matter dependent on variety (11-12%)

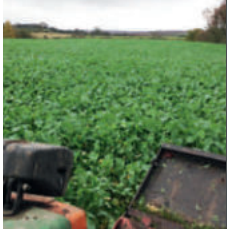
See previous page for a more winter hardy Hybrid Rape/Kale



RINGO FORAGE RAPE

3.00 kg per acre SKU 4412

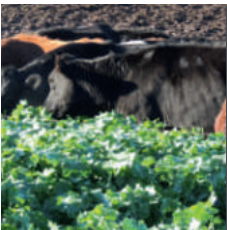
A new forage rape that's very vigorous. Late flowering zero-zero (00) variety with rapid establishment and a fast ground cover. It can be used by dairy, beef and sheep farmers to produce high quality feed. Provides forage within 12 weeks. Ringo has a very high dry matter yield.



AKELA FORAGE RAPE

3.00 kg per acre SKU 4401

A popular European forage rape variety. Very leafy and fast growing. Extremely palatable plant with high levels of protein. Late flowering variety which is ideal to be sown in spring or autumn. Provides forage within 12 weeks. High dry matter yields. Akela has extremely high yields in trials.

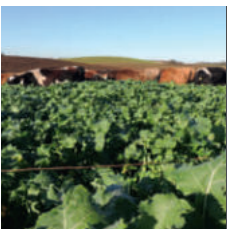


EARLY SOW LATE FEED

2.25 kg per acre SKU 7701

Catch crop mixture
Ideal for late Winter grazing
Graze-able in just 8 weeks after sowing
Can be utilised from Sep to Dec
The re-growth from the Pulsar can offer additional grazing saving on feed costs
Mix can be sown between May - June

1.00 kg PULSAR Hybrid R/K
0.50 kg FRISIA Stubble Turnip
0.75 kg VOLTAGE Kale
2.25 kg per acre



LATE SOW LATE FEED

2.25 kg per acre SKU 7702



Catch crop mixture
Ideal for late winter grazing
Graze-able in just 8 weeks after sowing
Can be utilised from Nov to Feb
The re-growth can offer additional grazing saving on feed costs
Mix can be sown between July - Aug

0.75 kg PULSAR Hybrid R/K
0.75 kg FRISIA Stubble Turnip
0.75 kg AKELA Forage Rape
2.25 kg per acre

AIRLIE

SWEDE



AIRLIE SWEDE

1.00 kg per acre Natural
1.00 kg per 6 acres Graded
SKU 4201/4251

- Airlie swede is a medium dry matter variety with a very high fresh yield (with a purple and cream flesh).
- Dual purpose - culinary use or grazing
- Very good resistance to powdery mildew
- Graze in situ by sheep or it can be lifted for beef cattle
- Swede is a high-energy crop that can be grazed or lifted and kept for later feeding
- Fresh yields of 70 tons per ha that can be utilised from Aug to Feb



KENMORE SWEDE

1.00 kg per acre Natural
1.00 kg per 6 acres Graded
SKU 4206/4256

- Kenmore is an early variety has a bronze skin with white flesh
- Exceptionally high yields of fresh and dry-matter
- Low to medium dry-matter content
- Moderate winter-hardiness and great powdery mildew resistance
- Graze in situ by sheep and can be lifted for beef cattle
- Swede is a high-energy crop that can be grazed or lifted and kept for later feeding
- Fresh yields of 70 tons per ha that can be utilised from Aug to Feb

WHY GROW SWEDE?

- Swedes are an extremely palatable, high energy winter feed when compared with fodder beet and maize.
- Crops will grow on a large range of soils
- Very low production costs making it very cost effective.
- Average dry matter yield 7-10 tonnes per ha
- Average fresh yields 70-90 tonnes per ha
- Crude protein 10-11%
- Dry matter dependent on variety (10-13%)

Sow between April-June at a depth of 1-2cm in a firm seed bed



WHY GROW MAIZE?

- High dry matter content
- Consistent forage quality
- High yielding
- Increased intakes
- Average dry matter yield 15-18 tonnes per ha
- Average fresh yields 45-55 tonnes per ha
- Crude protein 9.5%
- Dry matter dependent on variety (30-35%)



MATURITY GROUP

ES PICKER

MAIZE - ULTRA EARLY

45,000 Seed Packs

Can perform even on the most difficult of sites! Tried & tested over several years with the earliest cob ripening for high starch. Very stable consistent variety.
Cop Ripeness 8.5 | ME 11.4 | Starch 35.1%

10

ES LOVELY

MAIZE - ULTRA EARLY

45,000 Seed Packs

Big yields for such an early variety, it's quick off the mark with good quality and early cob ripening. Also performs well under plastic for a very, very early harvest!
Cop Ripeness 8.2 | ME 11.5 | Starch 33.8%

9

ES REMINGTON

MAIZE - ULTRA EARLY

45,000 Seed Packs

Medium-tall robust variety with excellent early vigour and early cob ripening. Ideal for later drilling or early harvest. Reliable performer tried and tested over last 5 years.
Cop Ripeness 7.8 | ME 11.3 | Starch 31.2%

9

ES BALLADE

MAIZE - EXTRA EARLY

45,000 Seed Packs

Robust, very reliable variety that has performed in UK for several years now on full spectrum of soil types. Ideal for more bodied soil profiles.
Cop Ripeness 7.9 | ME 11.4 | Starch 31.8%

8

ES CONSTANCE

MAIZE - EXTRA EARLY

45,000 Seed Packs

New, very robust variety suited to soil profiles with some body in them. A good quality cob set produces high yields of good quality silage.
Cop Ripeness 7.6 | ME 11.3 | Starch 31.6%

8

ES LEGOLAS

MAIZE - EXTRA EARLY

45,000 Seed Packs

Highest yielding variety on less favourable NIAB list. Drill early for enormous yields. Will grow in a wide spectrum of soils. Stay green with excellent fusarium resistance.
Cop Ripeness 7.0 | ME 11.0 | Starch 26.4%

7

MORE VARIETIES AVAILABLE

SPEAK TO YOUR LOCAL AGENT OR CALL THE OFFICE ON 01377271400



INKA

KALE

Why Grow Kale?

- A Winter feed crop that tolerates cooler conditions.
- A high-quality feed - see below for more information
- Excellent crude protein content
- Deep rooting and drought resistant
- Average dry matter yield 8-10 tonnes per ha
- Average fresh yields 60-65 tonnes per ha
- Crude protein 16-17% (fresh)
- Dry matter dependent on variety (14-16%)
- Fantastic game cover

Giant Types - highest yielding - up to 17 tonnes/ha, lower in grazing quality due to low leaf: stem ratio

Intermediate Types - good yields up to 15 tonnes/ha with a balanced leaf to stem ratio

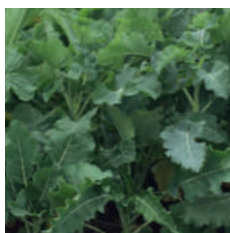
Short Types - lowest yielding, around 12 tonnes/ha, however highest quality with a high leaf to stem ratio



INKA

KALE (Marrow Stem Type)
2.00 kg per acre SKU 4119

Newly released variety - Classed as a giant kale - Very tall variety with medium leaf to stem ratio - Extremely high yielding - Adapted to cool conditions



BURLY

KALE (Maris Kestrel Type)
2.00 kg per acre SKU 4120



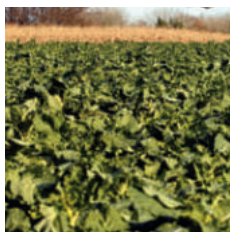
Brand new variety for Hurrells - Giant Kale - Bred for palatability - High yielding - High dry matter - Palatable sweet stem unlike other varieties - Consistent variety



PROTEOR

KALE (Marrow Stem Type)
2.00 kg per acre SKU 4107

Intermediate stem height - Good resistance to disease - Leafy variety (above 50% leaf to stem ratio) - Highly palatable - High yield potential - Very good winter-hardiness



VOLTAGE

KALE (Maris Kestrel Type)
2.00 kg per acre SKU 4114

Intermediate stem height - Excellent disease tolerance - Good lodging resistance - Very leafy variety - High levels of protein - High crop utilisation



ALL SEASONS

THE ULTIMATE GAME MAIZE



"The All Seasons Game Maize I had from Hurrells Seeds is the best & tallest crop I have ever grown! It has provided good cover and has held my birds extremely well. It cobbled up very well and I would definitely use it again and recommend to other shoots"

Glyn Rolands
Gamekeeper at Bretby Shoot

"Exceptional service, Hurrells look after me superbly, the Cover Crops always grow very well and I couldn't ask for more... It's why I keep coming back..."

Dan Whitehouse
Head Gamekeeper at Sydling Estate

"All Seasons - drilled well, grew well And stood well!"

Trevor Ireland
Head Gamekeeper at Scampston Estate

IN THE BAG #GREENBAG

Early Maize - FAO 180-220
Medium Maize - FAO 220-260
Late Maize - FAO 260+



- All Seasons is made up of 3 different maize varieties bred for gamecover
- Outstanding lodging resistance
- Retains cover exceptionally well
- Brilliant winter tolerance
- We have had excellent results with All Seasons across the whole of the UK!
- We recommend sowing maize seed when soil temperatures are at least 10 degrees
- Seed comes in acre packs (45,000 seeds)



WEED BOSS



1 YEAR MIX

IN THE BAG
#GREENBAG

- Buckwheat
- Gold Of Pleasure
- Fodder Radish
- Forage Rape
- Quinoa Blend (Including CARMEN)
- Mustard

SOW APRIL - MID JULY | 8.00KG PER ACRE | SKU: 7623

- A newly developed weed control mixture to allow for later sowings after creation of stale seedbeds in the early spring.
- Increasing pressure principally from Blackgrass but also other weeds such as couch, creeping bent and foxtail requires addressing and Weed Boss can be highly effective at controlling weed burdens..
- This is a sprayable mix that can be sprayed post-emergence and kept clean within an integrated farming system.
- Weed Boss can be sown as late as mid-July.
- Suggested Fertilisation: 100/50/120kg/ha



ECLIPSE

1 YEAR MIX

IN THE BAG
#GREENBAG

- ALL SEASONS Game Maize
- Millet Blend
- Linseed

"I am really pleased with my cover crop of ECLIPSE. I could spray this mix against broad leaf weeds for better weed control. So many cover crop mixes can't be sprayed and we have a Redshank/Redleg problem here on the shoot and have had for years. By using this mixture we post emergence sprayed the cover after a really good establishment and the ECLIPSE is now very healthy and clean. The crop is really well developed and the maize in the mix is the best we have ever had and I'm delighted with the results, And we will definitely grow the ECLIPSE again next year." **John Bosworth - Grethwood Shoot**

SOW APRIL - JUNE | 12.00 KG PER ACRE | SKU: 7611

- Large amounts of feed throughout the whole season
- Ingredients are sprayable with Dowshields
- Very easy to establish
- Drill maize separately and spin millet and linseed on top - comes in separate packs
- Suggested Fertilisation: 120/60/120kg/ha



ESTATE

1-2 YEAR MIX

IN THE BAG
#GREENBAG

- HIGH FLYER Kale Blend
- NIKO Millet Blend
- Quinoa Blend (Including CARMEN)

SOW APRIL - MAY | 5.00 KG PER ACRE | SKU: 7622

- Includes a full seed rate of kale for maximum bird cover
- The millet blend includes red, white, pearl & Japanese reed millet (great cover & seed source)
- Quinoa produces huge amounts of high food late into the season - 1 tonne per acre throughout the shooting season. The seed produced is rich in protein and has various vitamins and minerals.
- Carmen is the only shooting Quinoa variety
- Ingredients are sprayable with Dowshields
- Suggested Fertilisation: 100/50/120kg/ha



12 BORE

1 YEAR MIX

IN THE BAG
#GREENBAG

- Linseed
- Spring Triticale
- Mustard

SOW APRIL - MAY | 16.00 KG PER ACRE | SKU: 7623

- An excellent mixture where both cover & feed are required
- Will supply lots of seeds to keep the birds close to the shoot
- Warm cover
- Easy to establish
- Ideal for partridge & pheasant
- Ingredients are sprayable with Dowshields
- Suggested Fertilisation: 100/50/120kg/ha



KALE/QUINOA

2 YEAR MIX

IN THE BAG
#GREENBAG

Kale Blend

Quinoa Blend (Including CARMEN)



SOW MAY - JUNE | 3.00KG PER ACRE | SKU: 7601

- Extremely popular mixture
- Provides the best cover and food source for game birds
- Quinoa produces huge amounts of high food late into the season - 1 tonne per acre throughout the shooting season
- The seed from the quinoa is very nutritious, rich in protein and has various vitamins and minerals.
- Carmen is the only shooting quinoa variety to have plant breeders rights so it has to pass stringent purity & germination tests.
- The blend of kale will provide the best cover, especially in year 2
- Suggested Fertilisation: 100/50/120kg/ha



KALE FEEDER

1-2 YEAR MIX

IN THE BAG
#GREENBAG

PROTEOR Kale

INKA Kale

PULSAR Kale/Rape Hybrid

CARBON Black Mustard/Ethiopian Kale Hybrid

SOW APRIL - MAY | 3.00 KG PER ACRE | SKU: 7618

- New cover & feed mixture that includes a kale mixture and Carbon
- The Kale provides fantastic cover
- Carbon has red stems which makes them naturally more resistant to Flea Beetle
- Includes 20% Carbon, which will give an extremely quick cover and is described to us by customers as an 'easy to grow Kale'
- Carbon produces a seed source when sown early comparable in feed value to 2nd year Kale
- Suggested Fertilisation: 100/50/120kg/ha



BIOCARINA

N
NITROGEN
FIXER

1 YEAR MIX

IN THE BAG
#GREENBAG

CARBON Black Mustard/Ethiopian Kale Hybrid

Berseem Clover

SOW MID JUNE - JULY | 4.00 KG PER ACRE | SKU: 7619

- Biocarina will give a super quick cover by November
- Great rescue crop
- High frost tolerance
- Carbon has large leaves like Kale but has an ultra-fast establishment, like Mustard. The plant has very strong red stems that are naturally more resistant to flea beetle. We have found that Carbon requires large amounts of nitrogen for best results.
- Berseem Clover fixes nitrogen for the Carbon and establishes very fast just like Carbon. It is also a very good pollinator. This attracts insects for the birds. Berseem can even be grazed.
- Suggested Fertilisation: N/A



BORDER DELIGHT

1 YEAR MIX

IN THE BAG
#GREENBAG

Triticale

Kale Blend

Forage Rape

Phacelia

Mustard

Linseed

Spring Beans

Quinoa Blend (Including CARMEN)

SOW APRIL - MAY | 20.00 KG PER ACRE | SKU: 7608

- Produces a great cover and large amounts of feed
- Mix designed for cold exposed sites, ideal for Scottish & northern locations
- Includes only Winter-hardy species
- Triticale is bitter for rabbits and is unpalatable to stop damage to the crop
- Suggested Fertilisation: 100/50/120kg/ha

NIKO



1 YEAR MIX



- Will provide huge amounts of feed
- Japanese Reed Millet is stiff and frost resistant, and will last until February
- Red, White and Pearl Millet have differing maturity dates which ensures a long feeding window
- Excellent when used at flushing points
- It is also a good wind break for surrounding covers
- Very popular mixture
- 1 year mix
- Suggested Fertilisation: 75/50/50kg/ha

"I buy my seed from Hurrells every year and always had good quality seed. This year we tried the Niko millet mix and wow it is amazing! We put it on the worst land which has never been in farm production and it is a great game cover, so pleased" (picture above)

Andrew Carter

IN THE BAG **#GREENBAG**

White Millet
 Red Millet
 Pearl Millet
 Browntop Millet
 Japanese Reed Millet
 Sorghum



SOW APRIL - JUNE | 5.00 KG PER ACRE | SKU: 7603



YELLOW TIDE

1 YEAR MIX

IN THE BAG
#GREENBAG

Giant Sunflower

Linseed

Fodder Radish

Millet Blend

Quinoa Blend (Including CARMEN)

- A visually striking mix
- Gives an excellent level of cover of varying heights
- Produces huge amounts of seed from the majority of ingredients
- Seeds produced are high in protein, especially from the Quinoa (14% protein)
- The Millet blend includes Red, White, Pearl & Japanese Reed Millet (great cover & seed source)
- Suggested Fertilisation: 100/50/120kg/ha

SOW APRIL - MAY | 8.00KG PER ACRE | SKU: 7621



BOTH BARRELS

1-2 YEAR MIX

IN THE BAG
#GREENBAG

HIGH FLYER Kale Blend

Quinoa Blend (Including CARMEN)

Phacelia

Millet Blend

- A very good winter-hardy mix
- Great standing ability throughout the season from all the ingredients
- Quinoa produces 1 tonne per acre of nutritious, rich in protein seed (plus various vitamins and minerals) throughout the shooting season. Includes Carmen the only shooting variety of quinoa
- Phacelia is quick to establish and attracts beneficial insects
- The Millet blend includes Red, White, Pearl & Japanese Reed Millet
- Suggested Fertilisation: 100/50/120kg/ha

SOW APRIL - JUNE | 3.00 KG PER ACRE | SKU: 7613



BROODER

1-7 YEAR MIX

IN THE BAG
#GREENBAG

Reed Canary Grass

Borage

Phacelia

Linseed

- Provides good cover all year round
- Easy to establish mixture
- Linseed provides a high-energy food source
- Fixes nitrogen
- Suppresses weeds
- The Reed Canary Grass can last 7 years if well managed
- Attracts beneficial insects from the Phacelia & Borage
- Suggested Fertilisation: 50/75/75kg/ha

SOW MARCH - JUNE | 7.50 KG PER ACRE | SKU: 7616



DEER PASTURE

4+ YEAR MIX

IN THE BAG
#GREENBAG

Meadow Foxtail, Timothy, Perennial Ryegrass, Smooth Stalked Meadow Grass, Meadow Fescue, Cocksfoot, Black Medic, Lucerne, Sainfoin, Highland Bent, White Clover, Red Clover, Buckwheat, Chicory, Ribwort Plantain, Fenugreek, Stubble Turnip, Forage Rape

- Contains several plants particularly liked by deer such as Meadow Foxtail, Buckwheat and Chicory
- Provides excellent nutrition in both warm and cool seasons
- Designed by our in-house expert in deer management and habitats
- Must be monitored to make sure the food plot is adequate for amount of wildlife
- Suggested Fertilisation: Not applicable

SOW APRIL - MAY | 14.00 KG PER ACRE | SKU: 7620



SUPERBIRD

1 YEAR MIX

IN THE BAG
#GREENBAG

Triticale

PEREDOVIC Sunflower

Phacelia

Linseed

- Designed to maximise seed availability for wild birds over long periods
- Highly attractive flower content
- Attracts beneficial insects
- Produces large amounts of feed
- Fixes nitrogen
- Suggested Fertilisation: 100/50/120kg/ha

SOW APRIL - MAY | 20.00 KG PER ACRE | SKU: 7809



UP & OVER

1 YEAR MIX

IN THE BAG
#GREENBAG

Linseed, Kale Blend, PEREDOVIC Sunflower, Sweet Clover, Crimson Clover, ALL SEASONS Maize Blend, Forage Rape, Mustard, Jonty, Millet Blend, Phacelia

- A traditional 1 year gamecover mix
- Very popular mixture
- Excellent cover and feed source
- Will attract beneficial insects
- Ideal for brood rearing
- Sow in Spring when the soil temperature has reached 10 degrees
- Suggested Fertilisation: 100/50/120kg/ha

SOW APRIL - JUNE | 10.00 KG PER ACRE | SKU: 7602

LIKE UTOPIA... TRY...

CARBON

- Newer, Stronger Stemmed Replacement Variety
- More Resistance To Flea Beetle, Due To Red Stems
- Easy To Grow Kale (Kale/Mustard Hybrid)
- High Resistance To Lodging
- High Frost Tolerance

"I used Carbon to provide cover alongside some long term crops that were not doing so well. Planted at the end of July/ Early August and I was amazed by the rapid growth (see picture above after 9-10 weeks). It provided excellent cover on 3 main drives, it saved the day & I will definitely order more next season! I also found that pigeons don't like it and I did not have any Flea Beetle problems due to the red stems."

Bill Constantine at Dunstall Estate

SOW JUNE-JULY | 2.00 KG PER ACRE | SKU: 4756



COTTONDALE

3-5 YEAR MIX



"Cottdale is a really good game cover crop, makes a good wind break & I don't have to re-drill it every year as it will last quite a few years"

Trevor Ireland - Head Gamekeeper at Scampston Estate

- Best-selling long term cover mix!
- Perennial cover that lasts 3-5 years
- Hardy mixture
- In the year of sowing, the mixture is mainly Triticale and Pulsar
- Chicory and Yellow Blossom Clover are aggressive species after the first Winter
- Includes a premium shooting kale, with great lodging resistance
- Sow April - May
- Suggested Fertilisation: 100/50/120kg/ha

"This Cottdale seed mixture is a really good mixture, producing excellent cover and is very long lasting"

Terry Harper
Cottdale Shoot Scarborough

IN THE BAG **#GREENBAG**

Spring Triticale

PULSAR Rape / Kale Hybrid

Yellow Blossom / Sweet Clover

CHOICE Chicory

VOLTAGE Kale

SOW APRIL - MAY | 20.00 KG PER ACRE | SKU: 7617



HIGH FLYER



2 YEAR MIX

IN THE BAG
#GREENBAG

INKA Kale

PROTEOR Kale

Forage Rape

PULSAR Kale / Rape Hybrid

Kale is widely recognised to be the very best shooting cover available. Includes two superior shooting Kales, mixed with two leafy fast establishing brassicas for 1st year cover.

- Produces a winter hardy, warm, dry shooting cover
- Fast establishment from the inclusion of Forage Rape and Advanced Rape Kale Hybrid
- Great for northern or exposed sites
- 2 year mix
- Sow May into warm soils
- Suggested Fertilisation: 100/50/120kg/ha

SOW MAY | 3.00 KG PER ACRE | SKU: 7607



FLYING START

1 YEAR MIX

IN THE BAG
#GREENBAG

Jonty

Forage Rape

PULSAR Rape / Kale Hybrid

FRISIA Stubble Turnip

Mustard

Super-fast establishing gamecover mix used late into the season.

- Very easy to grow with quick cover
- Suitable for all UK areas
- Can be a mature game crop within 12 weeks
- The PULSAR provides cover like Kale but is a lot faster growing making it ideal for the first year
- See the Rescue mixture for a similar mix but it can be sown later in the year
- Suggested Fertilisation: 100/50/120kg/ha

SOW APRIL - JULY | 4.00 KG PER ACRE | SKU: 7610



PARTRIDGE COVER

1 YEAR MIX

IN THE BAG
#GREENBAG

Spring Triticale

Gold of Pleasure

Phacelia

Buckwheat

Linseed

Excellent open cover that holds partridges.

- Holding crop for driving & shooting
- Good mix to attract beneficial insects
- Seeds produced are high in protein
- Beneficial to other game birds too
- Drilling depth 2 - 2.5 cm, row width 10 - 15 cm
- Suggested Fertilisation: 100/75/65kg/ha

SOW APRIL - MAY | 25.00 KG PER ACRE | SKU: 7606



BUSHY

3-5 YEAR MIX

IN THE BAG
#GREENBAG

Perennial Ryegrass

Cocksfoot

HIGH FLYER Kale Blend

Red Clover

Sweet Clover

CHOICE Chicory

- Lasts up to 5 years when managed well
- Mow once a year and keep the rows weed free
- Kale will provide cover in the first year
- Reed Canary grass and Chicory are slower to establish but is great in year 2 and onwards
- Red Clover will fix nitrogen into the soil
- In the first year, remove every other row
- Suggested Fertilisation: 100/50/120kg/ha

SOW APRIL - MAY | 15.00 KG PER ACRE | SKU: 7614

THE SYNDICATE

4 YEAR MIX



- Syndicate is a mixture that performs best drilled in wide rows
- Mow in year 1 as a weed control for premium results this will give cleaner better cover.
- Syndicate is capable of excellent first year cover due to the excellent fast establishment from Carbon and the advanced Rape kale Hybrid PULSAR the best rape kale available in the UK.
- Perennial species Chicory & Yellow Blossom Sweet clover that will last up to 4 years.

IN THE BAG **#GREENBAG**

CHOICE Chicory

Yellow Blossom Clover

CARBON Black Mustard/Ethiopian Kale Hybrid

PULSAR Kale/Rape Hybrid



SOW MAY - JUNE | 5.00 KG PER ACRE | SKU: 7624



PEN MIX

5+ YEAR MIX

IN THE BAG
#GREENBAG

Dwarf Perennial Ryegrass

Cocksfoot

Meadow Fescue

Creeping Red Fescue

Timothy

- Super hard wearing pen mixture
- Quick re-growth after damage
- Various different sizes of grasses, which provide all types of cover
- Excellent root structure, which will help with wear and hold together new areas
- Can be sown up to 40kg per acre for a very dense sward
- Suggested Fertilisation: 50/125/125kg/ha

SOW MARCH - SEPTEMBER | 20.00 KG PER ACRE | SKU: 7615



RESCUE

1 YEAR MIX


IN THE BAG
#GREENBAG

Mustard

Forage Rape

Jonty

Stubble Turnip

CARBON Black Mustard / Ethiopian Kale Hybrid

Fodder Radish

- A very popular lifesaving rescue crop
- Extremely fast to establish
- Perfect for patching poorly established or damaged sowings
- Can be sown very late into the growing season & will last the season
- Some customers broadcast into standing cereals or incorporate into stubbles for late cover plantings
- Suggested Fertilisation: 100/50/120kg/ha

SOW JULY - AUGUST | 5.00 KG PER ACRE | SKU: 7604



WIND BREAK

1-2 YEAR MIX

IN THE BAG
#GREENBAG

Intermediate Sorghum

HIGH FLYER Kale Blend

Dwarf Sorghum

- Species with extremely strong stems that will stand very well in windy sites
- It will give excellent wind protection when sown around the drive. This will make the cover warmer
- Could also be used at the flushing point
- Includes Kale that increases the cover quality and can be left until 2nd year
- Suggested Fertilisation: 100/50/120kg/ha

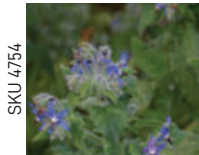
SOW APRIL - JUNE | 9.50 KG PER ACRE | SKU: 7612

"The staff at Hurrells have bent over backwards to supply me with the best quality seeds to establish both holding and driving covers on the shoot. Advice is only a phone call away"

John Robson
Yorkshire Deer Stalking

"Great Company, Great Seed quality, Great service and Great Covers!"

Fridlington Farms Ltd



SKU 4754

BORAGE 1+ YEAR Sow April - June. Borage has attractive blue flowers & attracts many beneficial insects which in turn attracts game birds. Can also be used to attract bees, so it's an important conservation plant. Also known as Starflower, Borage is a vigorous annual herb, that is likely to re-seed for the following year. Produces good cover and grows to 2-3 feet tall.



SKU 4687

BROWNTOP MILLET 1 YEAR Sow April - June. Browntop Millet is a warm season annual game crop. It gives both cover and feed for wild birds and other animals - providing nutrients and protein. It will germinate extremely quickly - within 5 days and mature within a couple of months. Prefers well drained soils. It's often used with other perennial crops as it provides cover and feed in the first year. The seed can be broadcasted or drilled.



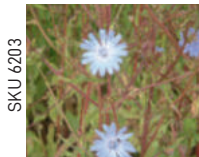
SKU 4611

BUCKWHEAT 1 YEAR Sow April - May. Buckwheat is a fast-growing annual crop. Provides a valuable feed source for game, the seed sheds over several weeks & is very high in protein. Also suitable forage for Deer. Matures in 3 months. Attracts beneficial insects. Vine-like growth habit which is an excellent weed suppressor. Likes most soil types. Can also be ploughed in to improve soil conditions. Broadcast - don't drill.



SKU 4699

CARBON 1 YEAR Sow June - July. Carbon is an easy to grow Kale (Kale / Mustard Hybrid). Ultra-fast establishment like Mustard & large leaves like Kale. New and more advance sister variety of Utopia. Red stems that are naturally more resistant to flea beetle. A low seed rate like Kale. Gives a super quick cover by November making it ideal as a rescue crop. High frost tolerance and very strong stems - resistant to lodging.



SKU 6203

CHICORY (PUNA) 3-4 YEARS Sow April - May. Chicory provides a thick and dense cover for game birds. A deep-rooted soil improver too. Develops a long tap root similar to a Parsnip (draws up minerals/trace elements and stores them in the top layer of the soil). Roots help with soil conditioning and aerating the soil for future crops. Large strap leaves, which are an excellent cover. Good tolerance to drought, acid soils & major pests.



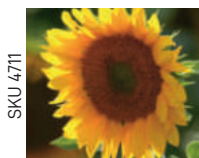
SKU 4601

FODDER RADISH 1 YEAR Sow April - June. Fodder Radish produces a large amount of growth in a short time (fast germination), giving lots of cover for birds. Strong growth with a great standing ability. The pods produced contain seed that suits all birds. A great soil conditioner too, suited to all soil types (draws up the nutrients & penetrates compacted soils with deep strong roots). New continental varieties show better Winter-hardiness. Contains chemicals that help suppress nematodes.



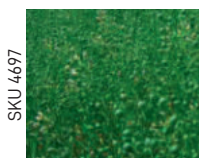
SKU 4404

FORAGE RAPE 1 YEAR Sow April - June. Forage Rape is an ideal plant for cover. Extremely quick growing, which means it can be sown late in the year to patch up various areas that have struggled. The plant can grow up to 1m tall. Cost effective seed. Various varieties of Forage Rape are available.



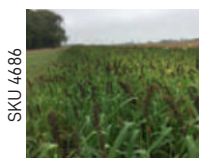
SKU 4711

GIANT SUNFLOWER 1 YEAR Sow April - June. Giant Sunflower produces large amounts of rich seed, this gives excellent food for all game birds. Due to the height of the sunflowers, the mature plants will require breaking, which allows game birds to get the seeds. They also look great in the field either as a straight or in a mixture. The height when used as part of a mixture gives some aerial predator cover. See the shorter Peredovic sunflowers that can be reached by game birds.



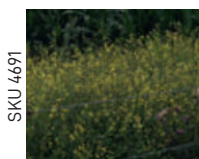
SKU 4697

GOLD OF PLEASURE 1 YEAR Sow April - May. Gold of Pleasure is also commonly known as Camelina or False Flax. It's an excellent annual high protein herb seed used over the Winter period. Grows up to 90cm tall. Suited to most soils, including poorer soils and nutrient deficient soils. Good drought tolerance. Excellent partridge cover. Sow 1 cm deep with row widths around 15-20 cm.



SKU 4686

JAPANESE REED MILLET 1 YEAR Sow April - May. Japanese Reed Millet is the strongest stemmed Millet, this provides more cover & warmth in the crop. The most Winter-hardy Millet species. Produces feed too, but smaller amounts compared with other Millets. Normally used in mixtures to support other Millets & species. For example, see our Niko Mixture. Great protection for surrounding crops too.



SKU 4691

JONTY 1 YEAR Sow April - Sep. Jonty is an excellent game cover crop which is a brassica type species. It produces seeds like Rape and a Turnip like root. Grows up to 1m tall. This brassica grows very quickly, so is great for providing cover quickly (as fast as 6 weeks given good weather). Best planted in early Autumn as a rescue crop / patching as it can rapidly bolt if sown too early in the year. Creates a thick canopy with an open bottom. Cover will last up to Christmas.



SKU 4752

LINSEED 1 YEAR Sow April - June. Linseed /Common Flax, is an annual crop that will provide cover & feed. Particularly attractive to Partridges due to its open canopy. Very easy to grow, with an attractive light blue flower that then turns to valuable seed. Tolerant to most soil types. Not Winter-hardy. High seed rate. However, very cost effective seed that's treated.



SKU 4504

MUSTARD (Yellow) 1 YEAR Sow April - Aug. Highly popular, fast growing, cost effective cover. Requires little cultivation to grow and a low fertiliser requirement. Quick to establish and suppresses weeds. Naturally resilient to pests. Nitrogen holder for following crop too. Not Winter-hardy, however we use the variety ZLATA, which is more winter hardy than other varieties of Yellow Mustard. Brown mustard is even more winter hardy.



SKU 4689

PEARL MILLET 1 YEAR Sow April - May. Pearl Millet is an annual species also known as Pennisetum Glaucum and is one of the most widely grown Millets. It is tolerant to a wide range of growing conditions. Capable of producing very high yields of seed over a short growing season. Pearl Millet is a hardy leafy plant that provides excellent warm game cover. It grows a little taller than White and Red Millets.



SKU 4712

PEREDOVIC SUNFLOWER 1 YEAR Sow April - June. Peredovic / Dwarf Sunflower Seed. A semi dwarf variety that grows 4-5 ft tall. Provides an excellent high energy food source for birds and attracts insects. Provides good cover as it stands very well. High yielding with very large seed heads. Great to add in a mixture but can also be sown straight. Better than Giant Sunflower as the seed is available at a lower height. Drilling depth of 4-5cm. Matures in 95-100 days.



SKU 4701

PHACELIA 1 YEAR Sow April - May. Phacelia is an essential fast growing annual plant with purple flowers. An excellent plant for attracting insects that then attract birds. It fixes nitrogen to the soils and stops leeching. Great weed suppressor. The bright purple flowers look visually attractive. Can be used as a green manure.



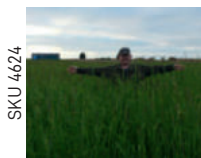
SKU 4654

QUINOA 1 YEAR Sow April - June. Quinoa produces huge amounts of high food late into the season for game & wild birds - 1 tonne per acre throughout the shooting season. The seed from the Quinoa is very nutritious, rich in protein and has various vitamins and minerals. Carmen is the only shooting Quinoa variety to have plant breeders rights so it has to pass stringent purity & germination tests.



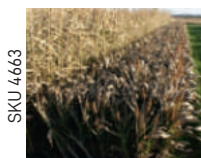
SKU 4682

RED MILLET 1 YEAR Sow April - June. Red Millet is easily recognisable by its red stems. It matures much earlier than White Millet but has slightly smaller seed heads. Use Red & White Millet together to get the advantages of both plants. An excellent cover and feed, especially for partridges. It is also useful for creating flushing points if crossed drilled in Kale and Maize, or if the sowing rate is doubled.



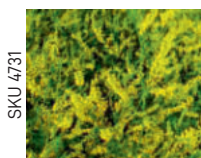
SKU 4624

REED CANARY GRASS UP TO 7 YEARS Sow April - May. Reed Canary Grass is a tall perennial cover crop. Grows up to 2m, and takes 2 years to be fully established. If managed well, Reed Canary Grass can last 7 years and is extremely Winter-hardy. Excellent cover for nesting birds but also provides areas to hold birds or to drive. Useful for planting in areas that are difficult to access (e.g. between trees) or sites that are exposed.



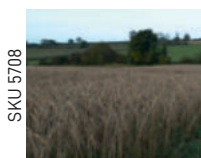
SKU 4663

SORGHUM 1 YEAR Sow May - June. A cobless Maize type plant that requires similar inputs. Three types of Sorghums are available (which is why sowing rates vary); Dwarf (1-1.25m tall), Intermediate (1.5-2m tall) and Giant (2-3m tall). All of them are deep rooting, but the larger type are prone to lodging later in the season and have smaller seed heads. All ideal as a windbreak around other cover crops and great protection from overhead predators.



SKU 4731

SWEET CLOVER 2-3 YEARS Sow April - May. Sweet Clover / Yellow Blossom Clover is a biennial plant that flowers in the 2nd year. Produces a big, vigorous quick growing crop (can grow to 2m tall). Sweet smelling yellow flowers on the plant attract a wide range of insects that then encourage bird life. The roots are leguminous, which are great for maintaining soil condition and break up hard, compacted soils, which improves drainage. Can also be used as a green manure.



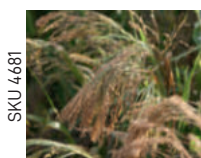
SKU 5708

TRITICALE 1 YEAR Sow March - April. Triticale is very easy to grow and grows on most soil types. Performs like Wheat and is drought tolerant. Rabbits dislike Triticale due to finding it very bitter. Perfect in a mixture as it doesn't swamp out other plants, which makes it ideal companion for a large range of game cover species.



SKU 4756

UTOPIA 1 YEAR Sow June - July
CHECK OUT CARBON FOR THE NEW ALTERNATIVE



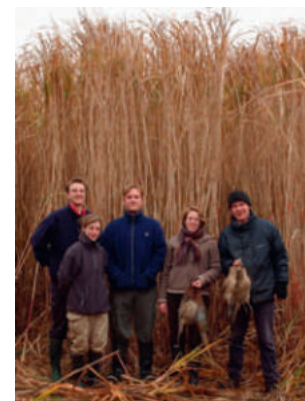
SKU 4681

WHITE MILLET 1 YEAR Sow April - May. White Millet is a very popular cover & feed crop. Has strong green stems with thick leaves (grows up to 90 cm tall). It has large seed heads (larger than Red Millet). Provides nutritious food for birds. Gives thick flushing points or can be used as an effective wind break. When used with Red Millet, seed will be provided for a longer period of time.

Miscanthus Giganteus Rhizomes



- Long term gamecover that will grow consistently to 8ft tall+
- Around 4ft in year 1, 6ft in year 2 & 8ft in year 3
- Persistent for over 20 years once established
- Although it can be eradicated with Glyphosate if you want to remove it at a later time
- Great crop for pheasants and partridge - provides a warm dry cover
- Ideal as a windbreak
- Cost effective, compared with annual cover crops
- Low maintenance after establishment
- Will grow in a wide range of soils. For best results, a fine moist seed bed is required
- Ideal for awkward / difficult areas e.g. steep banks or areas where machinery is inaccessible
- Rhizomes vary in size from the size of your finger to the size of your fist

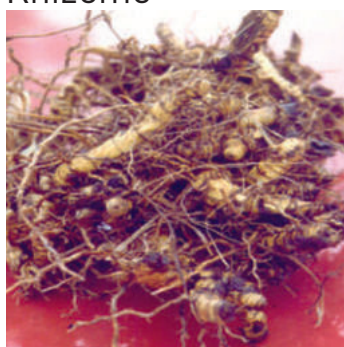


Product No 4692

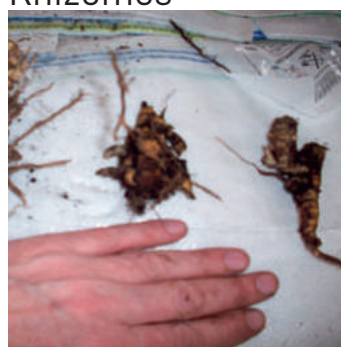
Growing Tips

- Plant mid April - May (when soil temperatures are warmer)
- Plant around 4000 Rhizomes per acre
- Keep a row width of 1m for both plants & rhizomes (1m spacings for rhizomes and more for plants)
- Control animals from grazing when establishing - guards can be used to protect from pests
- Establish in a weed free seed bed. Miscanthus is a grass crop so grasses are harder to remove
- When sown in large blocks the crop can become too thick; rides can be put in to resolve this
- Fertiliser requirements are the same as maize in the first year
- Can be topped off after 3 years to control the crop (top early spring)

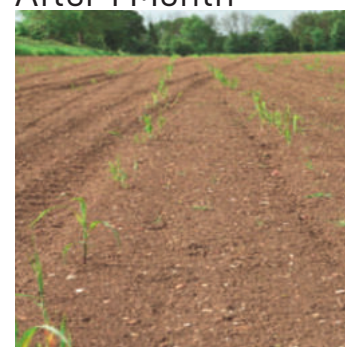
Rhizome



Rhizomes



After 1 Month



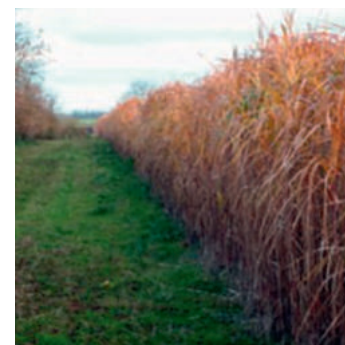
After 8 Months



After 2 Years




After 3 Years



For further information please contact the office

Cover Crop	Cadu Star	Butisan	Stomp	Dow Shield	Starane 2	Callisto	Jester	Samson	Aramo	Lentagran WP
Buckwheat	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Can be used	Do not use
Canary Grass	Do not use	Do not use	Do not use	Can be used	Can be used	Do not use	Do not use	Do not use	Do not use	Do not use
Sorghum	Do not use	Do not use	Can be used	Do not use	Can be used	Do not use	Do not use	Do not use	Do not use	Do not use
Kale	Do not use	Can be used	Do not use	Can be used	Do not use	Do not use	Do not use	Do not use	Can be used	Can be used
Quinoa	Do not use	Do not use	Do not use	Can be used	Do not use	Do not use	Do not use	Do not use	Can be used	Do not use
Maize	Can be used	Do not use	Can be used	Can be used	Can be used	Can be used	Can be used	Can be used	Do not use	Do not use
Maize / Sunflowers	Do not use	Do not use	Can be used	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
Maize / Millet	Do not use	Do not use	Do not use	Can be used	Can be used	Do not use	Can be used	Do not use	Do not use	Do not use
Mustard	Do not use	Do not use	Do not use	Can be used	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
Sunflowers	Do not use	Do not use	Can be used	Do not use	Do not use	Do not use	Do not use	Do not use	Can be used	Do not use
Red / White millet	Do not use	Do not use	Do not use	Can be used	Can be used	Do not use	Can be used	Do not use	Do not use	Do not use
Niko	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
Wind break	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
Triticale	Do not use	Do not use	Can be used	Can be used	Can be used	Do not use	Do not use	Do not use	Do not use	Do not use
Linseed	Do not use	Do not use	Do not use	Can be used	Do not use	Do not use	Do not use	Do not use	Can be used	Do not use

Info courtesy of CNH Agronomy Independent Consultants 07968 756637
In all cases, consult with your BASIS qualified agronomist for advice.

 Do not use  Can be used





AP1 Premium



Corn Chamomile, Corn Cockle, Corn Marigold, Corn Poppy, Cornflower, Agrimony, Betony, Birdsfoot Trefoil, Bulbous Buttercup, Common Knapweed, Common Sainfoin, Field Scabious, Greater Knapweed, Ladys Bedstraw, Oxeye Daisy, Ragged Robin, Red Campion, Salad Burnet, Self Heal, Small Scabious, Vipers Bugloss, White Campion, Wild Carrot, Yarrow & Yellow Rattle

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8953/8952



AP2 Eco



Corn Chamomile, Corn Cockle, Corn Marigold, Corn Poppy, Cornflower, Common Vetch, Birdsfoot Trefoil, Bulbous Buttercup, Common Knapweed, Ladys Bedstraw, Lucerne, Oxeye Daisy, Phacelia, Red Campion, Sainfoin, Salad Burnet, Self Heal, White Campion, Wild Carrot, Yarrow & Yellow Rattle

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8959/8958

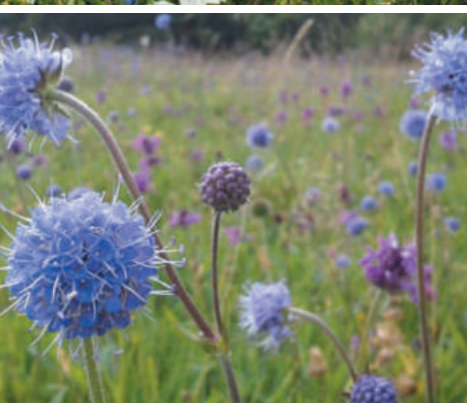


AP3 Colour Bright



Birdsfoot Trefoil, Bladder Campion, Common Knapweed, Common Vetch, Corn Chamomile, Corn Marigold, Corn Poppy, Cornflower, Devils Bit Scabious, Dwarf Sunflower, Field Scabious, Native Red Clover, Oxeye Daisy, Phacelia, Ragged Robin, Red Campion, Scentless Mayweed, Selfheal, Vipers Bugloss, White Campion, Yarrow & Yellow Rattle

100% Sowing Rate: 2g m²
Product Code: 8988



P1 Acid Soils



AC1 Cornfield Annual Mix, Autumn Hawkbit, Betony, Birdsfoot Trefoil, Bulbous Buttercup, Common Knapweed, Common Sorrel, Common Vetch, Devils Bit Scabious, Ladys Bedstraw, Meadow Buttercup, Oxeye Daisy, Ragged Robin, Ribwort Plantain, Selfheal, Sheeps Sorrel, Tufted Vetch, White Campion, Wild Foxglove, Wood Sage, Yarrow & Yellow Rattle

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8963/8964



P2 Water Margins



AC1 Cornfield Annual Mix, Betony, Birdsfoot Trefoil, Common Meadow Rue, Devils Bit Scabious, Greater Birdsfoot Trefoil, Gypsywort, Hemp Agrimony, Ladys Bedstraw, Meadow Buttercup, Meadowsweet, Oxeye Daisy, Purple Loosestrife, Ragged Robin, Red Campion, Salad Burnet, Selfheal, Sneezewort, Square Stalked St Johns Wort, Tufted Vetch, Water Avens, Wild Angelica Yarrow, Yellow Flag Iris & Yellow Rattle

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8965/8966

- Ingredients are specially selected with a large range of premium wildflowers (grows on most soil types)
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Diverse range of wildflowers with colour
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- UK native wildflower seed mix
- Range of wildflowers (grows on most soil types)
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Diverse range of wildflowers with colour
- Environmentally friendly

- UK native wildflower seed mix
- Ingredients are specially selected with a large range of wildflowers (grows on most soil types)
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Diverse range of wildflowers with colour
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list

- UK native wildflower seed mix
- Ingredients are specially selected with a large range of high colour wildflowers (grows on most soil types)
- Includes Annuals & Perennials for 1st year colour & beyond
- Diverse range of wildflowers with colour
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or in Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list

- UK native wildflower seed mix
- Ingredients have been specially selected to grow on acidic soils. Ideal to grow on moorland, heathland, peat soils and other acidic areas.
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Diverse range of acidic wildflowers that can survive down to a soil ph of 4.5
- High percentage of perennial wildflowers
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list

- UK native wildflower seed mix
- Ingredients specially selected for water margins, pond edges and other wetland areas
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Diverse range of wetland wildflowers
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



P3



Calcareous Soils

AC1 Cornfield Annual Mix, Birdsfoot Trefoil, Bulbous Buttercup, Common Knapweed, Common Sainfoin, Devils Bit Scabious, Field Scabious, Greater Knapweed, Kidney Vetch, Lady's Bedstraw, Meadow Buttercup, Meadow Sweet, Oxeye Daisy, Red Campion, Salad Burnet, Self Heal, Small Scabious, Wild Carrot, Yarrow & Yellow Rattle

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8955/8954



P4



Hedgerows

AC1 Cornfield Annual Mix, Agrimony, Bladder Campion, Common Knapweed, Common Vetch, Field Scabious, Foxglove, Garlic Mustard, Greater Knapweed, Hedge Bedstraw, Ladys Bedstraw, Meadow Buttercup, Oxeye Daisy, Red Campion, Ribwort Plantain, Selfheal, Tufted Vetch, Upright Hedge Parsley, White Campion, Wild Basil, Wood Avens & Yarrow

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8969/8970



P5



Woodland & Heavy Shade

AC1 Cornfield Annual Mix, Agrimony, Betony, Bluebell, Columbine, Foxglove, Garlic Mustard, Hedge Bedstraw, Hedge Woundwort, Meadow Buttercup, Meadow Sweet, Ragged Robin, Ramsons, Red Campion, Selfheal, Tufted Vetch, White Campion, Wild Angelica, Wood Avens, Wood Sage & Yarrow

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8967/8968



P6



Damp Loam

AC1 Cornfield Annual Mix, Birdsfoot Trefoil, Bladder Campion, Common Knapweed, Common Sorrel, Field Scabious, Greater Knapweed, Ladys Bedstraw, Meadow Buttercup, Meadow Vetchling, Musk Mallow, Oxeye Daisy, Ragged Robin, Ribwort Plantain, Rough Hawkbit, Salad Burnet, Selfheal, Tufted Vetch, White Campion, Wild Carrot, Yarrow & Yellow Rattle

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8971/8972



P7



Sandy Soils

AC1 Cornfield Annual Mix, Agrimony, Autumn Hawkbit, Birdsfoot Trefoil, Bladder Campion, Common Knapweed, Common Sainfoin, Common Sorrel, Field Scabious, Greater Knapweed, Lady's Bedstraw, Meadow Buttercup, Musk Mallow, Oxeye Daisy, Red Campion, Ribwort Plantain, Selfheal, Vipers Bugloss, White Campion, Wild Carrot, Yarrow & Yellow Rattle

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8974/8975

- UK native wildflower seed mix
- Ingredients are specially selected to grow on calcareous, chalky and limestone soils
- Diverse range of calcareous wildflowers growing up to a ph of 8.5
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list

- UK native wildflower seed mix
- Ingredients are specially selected for hedgerows, woodland edges, light shade and roadsides
- Diverse range of wildflowers
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list

- UK native wildflower seed mix
- Ingredients are specially selected for Woodlands and partial-heavily shaded areas
- Diverse range of wildflowers
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list

- UK native wildflower seed mix
- Ingredients are specially selected for damp loam soils
- Diverse range of wildflowers
- Includes Annuals and Perennials which gives colour in the first year and beyond
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list

- UK native wildflower seed mix
- Ingredients specially selected for Dry and Sandy Soils
- Diverse range of deep rooting ingredients that will find moisture in well drained/drought areas
- Great for embankments and green roofs
- Includes Annuals and Perennials
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



P8



Flowering Lawn

Betony, Birdsfoot Trefoil, Catsear, Common Daisy, Common Sorrel, Common Trefoil, Ladys Bedstraw, Meadow Buttercup, Oxeye Daisy, Ribwort Plantain, Rough Hawkbit, Selfheal, Sheeps Sorrel, Toadflax, Wild Mignonette, Wild Red Clover & Yarrow

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8991/8992

- UK native wildflower seed mix
- Ingredients specially selected for low growing, species rich eco lawns
- Can adapt to regular mowing or leave longer cutting 1-2 times per year (leave to flower in Summer for best results)
- Can be added to slow growing grasses (without Ryegrass) or new areas
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



P9



Heavy Soils

AC1 Cornfield Annual Mix, Agrimony, Betony, Birdsfoot Trefoil, Common Cats Ear, Common Knapweed, Common Sorrel, Devils Bit Scabious, Field Scabious, Greater Knapweed, Ladys Bedstraw, Meadow Buttercup, Musk Mallow, Oxeye Daisy, Ragged Robin, Ribwort Plantain, Self Heal, Sheeps Sorrel, St Johns Wort, Tufted Vetch, Yarrow, Yellow Rattle, White Campion & Wild Carrot

100% Sowing Rate: 2g m² | 80:20 Sowing Rate: 4-5g m²
Product Code: 8957/8956

- UK native wildflower seed mix
- Ingredients specially selected for clay, heavy soils and moisture retentive soils
- Diverse range of Wildflowers
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Includes Annuals and Perennials
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



G1



Grass Companion

23% Crested Dogstail, 29% Chewings Fescue, 35% Slender Creeping Red Fescue, 8% Browntop Bentgrass, 2% Small Leaved Timothy, 1% Yellow Oatgrass, 1% Sweet Vernal Grass, 1% Meadow Foxtail

Sowing Rate: 3-4g m² or 20-35g without wildflowers
Product Code: 8990

- A fine leaved grass seed mixture ideal to sow with wildflowers
- These natural grasses are particularly low and slow growing (low maintenance)
- Creates an open grass sward, to allow lesser competitive wildflowers to grow
- To further control these grasses, use Yellow Rattle wildflower seed to slow down grass growth
- Provides attractive seed heads when left long
- Sow at the same time or after planting wildflowers
- Can also be used without wildflowers to create a natural grass meadow



AC1



Cornfield Annual

Corn Chamomile, Corn Cockle, Corn Marigold, Corn Poppy & Cornflower

100% Sowing Rate: 2g m²
Product Code: 8962

- UK native wildflower seed mix
- Annual cornfield mixture (providing flowers in one growing season)
- Ingredients are specially selected with the most popular cornfield flowers
- Great for quick and reliable high colour
- Can be used as a new meadow or added into existing perennial wildflowers
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or in Autumn
- Grows well on most soil types



MINSTER MEADOWS



URBAN HIGH COLOUR

- UK native wildflower seed mixtures
- Made to replicate traditional English wildflower meadows
- Available with and without grass
- Mixtures predominantly perennials but most include annuals
- Can be used as a new meadow or added into existing perennial wildflowers
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Super high colour
- Includes native wildflowers and horticultural flowers
- Sow without grasses for best results
- High inclusion of annuals. Mixtures are either all annual or annual and perennial
- Easy to establish
- Can be used as a new meadow or added into existing perennial wildflowers
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)



HC1



Annual Etna

Black Eyed Susan, California Poppy, Candy Tuft, Cornflower, Fairy Toadflax, Field Poppy, Larkspur, Oriental Poppy, Red Flax, Shirley Singles Poppy & Sulphur Cosmos

100% Sowing Rate: 2g m²
Product Code: 8976

- UK native wildflowers + horticultural flowers
- Includes high colour, easy to grow annuals (providing flowers in one growing season)
- Colours include: reds, white, pink, purple, blue, yellow, orange
- High inclusion of different poppy species
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC2



Candy

African Daisy, Bishops Flower, California Poppy, Candy Tuft, Corn Poppy, Cornflower, Fairy Toadflax, Garden Cosmos, Larkspur, Love-In-A-Mist, Michaelmas Daisy, Shirley Singles Poppy & Zinnia Elegans (Mix)

100% Sowing Rate: 2g m²
Product Code: 8978

- UK native wildflowers + horticultural flowers
- Includes high colour, easy to grow annuals (providing flowers in one growing season)
- Colours include: red, white, pink, purple, blue, yellow, orange
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC3



Sunkissed Meadow

Bishops Flower, Black Eyed Susan, California Poppy, Corn Marigold, Cosmidium Brunette, Dwarf Sunflower, Golden Tickseed, Sulphur Cosmos, Blanket Flower Arizona Sun, English Marigold, Oxeye Daisy, Yarrow Cloth Of Gold

100% Sowing Rate: 2g m²
Product Code: 8986

- UK native wildflowers + horticultural flowers
- Yellow based mixture for a sunkissed meadow
- Includes high colour, easy to grow annuals (providing flowers in one growing season)
- Colours include: yellows, orange, brown, red
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC4



Dwarf Meadow

African Daisy, Blue Flax, California Poppy, Candy Tuft, Fairy Toadflax, Larkspur, Love-In-A-Mist, Red Flax, Shirley Singles Poppy, Blanket Flower, Carthusian Pink, English Marigold & Feathered Pink

100% Sowing Rate: 2g m²
Product Code: 8981

- UK native wildflowers + horticultural flowers
- Includes high colour Annuals and Perennials which gives colour in the first year and beyond
- Lower growing Wildflowers that grow to around 40cm (in very fertile soils it's possible to grow higher and much lower in soils with a lower fertility)
- Colours include: yellow, pink, purple, red, blue
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC5



Kaleidoscope

Blue Flax, California Poppy, Corn Cockle, Corn Marigold, Corn Poppy, Cornflower, Golden Tickseed, Larkspur, Phacelia, Red Flax, Shirley Singles Poppy & Zinnia Elegans (Mix)

100% Sowing Rate: 2g m²
Product Code: 8983

- UK native wildflowers + horticultural flowers
- Includes high colour, easy to grow annuals (providing flowers in one growing season)
- Kaleidoscope a burst of bright and vivid colours
- Colours include: blue, red, purple, yellow, pink, white
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC6

Sherbert Fizz



Black Eyed Susan, Blue Flax, California Poppy, Candy Tuft, Corn Marigold, Cornflower, Garden Cosmos, Love In A Mist, Phacelia & Sulphur Cosmos

100% Sowing Rate: 2g m²
Product Code: 8984

- UK native wildflowers + horticultural flowers
- Includes high colour, easy to grow annuals (providing flowers in one growing season)
- A fizz of fast growing and great value wildflowers
- Colours include: yellow, orange, blue, white, pink, purple
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC7

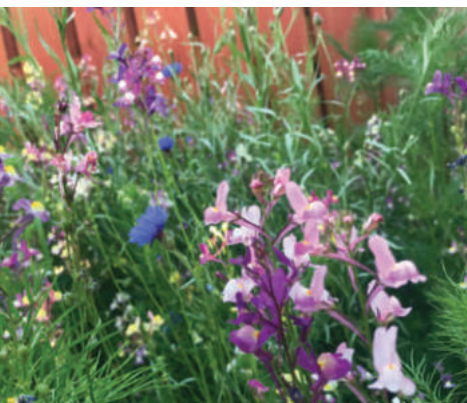
Butterfly Paradise



Candytuft, Cornflower, Cosmidium Brunette, Garden Cosmos, Golden Tickseed, Purple Loosestrife, Sulphur Cosmos, White Champion, Common Knapweed, Devils Bit Scabious, Field Scabious, Oriental Poppy, Purple Coneflower, Red Champion, Rose Champion, Wild Carrot, Yarrow, Yarrow Cloth Of Gold, Yarrow Colorado Blend

100% Sowing Rate: 2g m²
Product Code: 8977

- UK native wildflowers + horticultural flowers
- Wildflowers specially selected to produce a magnet for butterflies!
- Includes high colour Annuals and Perennials which gives colour in the first year and beyond
- Colours include: pink, purple, blue, yellow, red, orange, brown, white
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC8

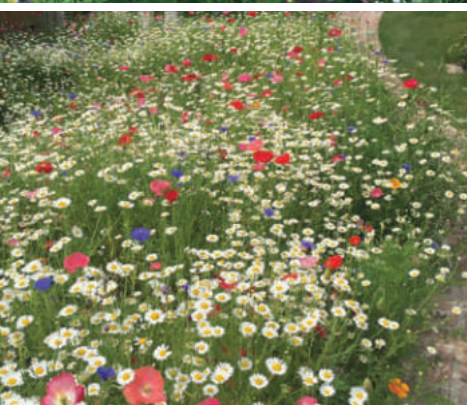
Deep Purple



African Daisy, Blue Flax, Cornflower, Fairy Toadflax, Garden Cosmos, Larkspur, Love-In-A-Mist, Wild Carrot, Blue Eryngo, Carthusian Pink, Common Knapweed, Dames Rocket, Devils Bit Scabious, Feathered Pink, Field Scabious, Jacobs Ladder, Michaelmas Daisy, Oxeye Daisy, Purple Coneflower, Purple Loosestrife, Purpletop Vervain & Rose Campion

100% Sowing Rate: 2g m²
Product Code: 8980

- UK native wildflowers + horticultural flowers
- A lasting mix of wildflowers giving a strong purple theme
- Includes high colour Annuals and Perennials which gives colour in the first year and beyond
- Colours include: purples, white, pink, blue, red
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC9

Strawberries & Cream



Babys Breath, Bishop's Flower, California Poppy, Candy Tuft, Corn Chamomile, Corn Poppy, Garden Cosmos, Shirley Singles, Poppy, Sulphur Cosmos, Feathered Pink, Maltese Cross, Oriental Poppy, Red Champion, Rose Campion, Sainfoin, Sweet William Catchfly, White Champion, Wild Carrot, Yarrow & Yarrow Colorado Blend

100% Sowing Rate: 2g m²
Product Code: 8985

- UK native wildflowers + horticultural flowers
- A carpet of white with shades of pinks and reds
- Includes high colour Annuals and Perennials which gives colour in the first year and beyond
- Colours include: red, pink, orange, white
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list



HC10

The Bees Knees



Bishops Flower, Black Eyed Susan, California Poppy, Candytuft, Cornflower, Fairy Toadflax, Garden Cosmos, Love-In-A-Mist, Peredovic Sunflower, Phacelia, Sulphur Cosmos, Teasel, Foxglove, Vipers Bugloss, Carthusian Pink, Common Knapweed, Devils Bit Scabious, Field Scabious, Greater Knapweed, Jacobs Ladder, Michaelmas Daisy, Purple Coneflower, Red Campion, Sainfoin, Yarrow, Yarrow Cloth Of Gold & Yarrow Colorado Blend

100% Sowing Rate: 2g m²
Product Code: 8987

- UK native wildflowers + horticultural flowers
- Includes high colour Annuals and Perennials which gives colour in the first year and beyond
- Colours include: pink, purple, blue, yellow, white, red, orange
- High inclusion of Wildflowers designed with bees in mind
- Environmentally friendly (provides habitats for Bees, Butterflies, other Insects and Birds)
- Sow in Spring or Autumn
- Our mixtures include a large amount of species from the RHS Plants For Pollinators wildflower seed list

Step 1 - Site Preparation

Firstly, remove all weeds & plants such as Nettles, Thistles, Docks, Grass etc. This can be done by spraying the area with a Glyphosate weed-killer. For best results, you may have to spray the area more than once. The aim is to reduce a firm weed free tilth to promote healthy germination. The lower amount of nutrients, the better the results you will have. Try to achieve a moderate to low fertility within the top 15cm of the soil. Weeds and grasses grow faster than Wild Flowers and will therefore compete and eventually take over the Wild Flowers. (If the top soil is extremely fertile, remove the top soil to subsoil prior to sowing.) Cultivate the site to a depth of around 10cm (on badly drained or compacted soils -25cm). This can be done with a fork, petrol tiller or on large areas a plough. The site should be cultivated as early as possible. Measure the area, so you can work out how much seed is required in the next stage



Step 2 - Sowing

Sowing can take place throughout most of the year, providing a good tilth can be prepared. The months of March/April/August and September are generally most suited. There are some Wild Flowers that will only grow in certain soils, so make sure you choose the mix for your soils. We have mixtures for Standard, Calcareous, Acidic and Heavy soils. Ensure all the seed is mixed to ensure an evenly spread broadcast. Seed can be sown by hand for smaller areas, or with a spreader for larger areas. The seed can be mixed with sand to bulk it up and this helps to get an even spread.



The general sowing rates for Wild Flowers are;
 5g/m² - Mixtures containing Grass (80% Grass 20% Wild Flower)
 2g/m² - Pure 100% Wild Flower Mixtures

Once sown, rake or harrow the area to mix the seed in the soil approx 0.5cm depth afterwards, it's best to roll the area to compact the soil slightly. If a small area, it can be tread onto compact the soil.

Step 3 - Future Maintenance

In the first year after sowing, weed control is a priority. If weeds are present they can be controlled by mowing, pulling the weeds out by hand or spraying (however please be careful if spraying). You will only see the Annual Wild Flowers in the 1st year.

In the 2nd year after sowing, the Grass and Wild Flowers will be established and annual weeds will be out-competed, meaning less maintenance. Perennial & Biennial plants will be seen flowering in the second year. The Perennials will then flower every year after, and the Annual/Biennial plants will be seen if the seeds are distributed before removing the clippings.

Wild Flowers should be cut twice a year, once in the spring and once in late autumn after the plants produce seed. Cutting helps eliminate any weeds and tidies the area up. The late autumn cut will distribute seeds produced by the Wild Flowers. The clippings should then be removed from the site to reduce fertility.



Different Types of Wild Flowers

Annual- these perform their entire life cycle from seed to flower to seed within a single growing season (mainly Cornfield Wild Flowers are annual)

Perennial- they persist for many growing seasons but you will not see them flower in the first season (most Wild Flowers are Perennial)

Biennial- they require two years to complete their life cycle, they Flower in the second year only. For example Foxglove



Laureate spring barley undersown with our @HmSeedsAgri DCS Pitbuster Plus 4 yr ley looking fantastic after the rain in Wiltshire today. DAIRY CONSULTANT



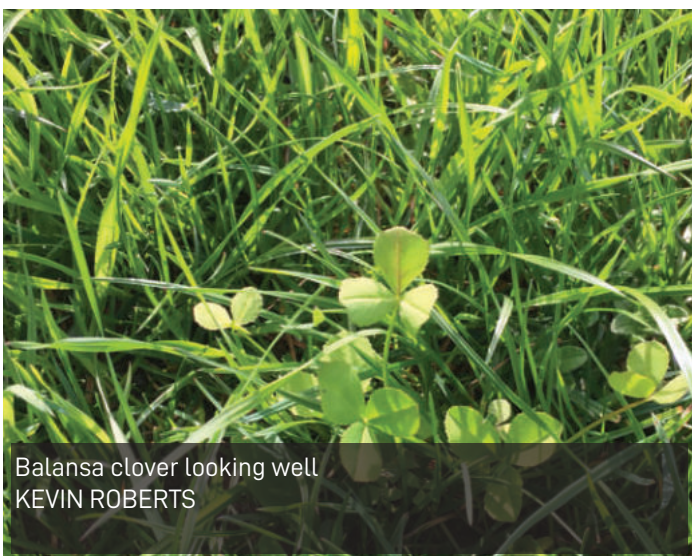
Hurrells Highland Gamecover Mixture MILLDEN



Today's rig. Just hoping for a spot of rain next week.... @HmSeedsAgri #organicfarming #grasseed COURTHILL FARM



Out establishing mid tier strips today #pollen #nectar #bees #habitats #environment #winterfeed @HmSeedsAgri J S SHOLES



Balansa clover looking well KEVIN ROBERTS



Cover crop of Buckwheat EASTBURN FARMS

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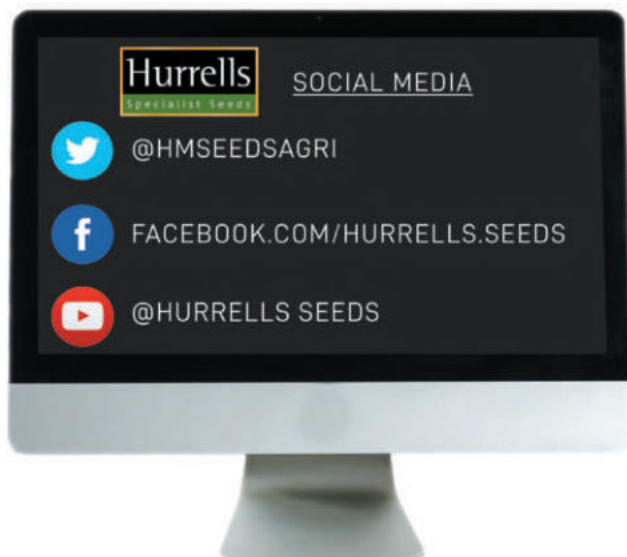
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