

HORIZON SEEDS

Gamecover and Environmental Catalogue 2020



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Thank you for taking the time to view our 2020 Gamecover and Environmental Catalogue. We sincerely hope you will find this useful and of value to you.

Through our network of agents and with the support of our team here in Suffolk we supply gamecover and environmental seed to enterprises of all shapes and sizes throughout the UK.

Our catalogue is packed with information to help you get the best option to suit your needs but should you have any questions we are always here to help you with your choices.



Jim Juby, Horizon Brand Manager

PEST PROBLEM	SOLUTION
RAT OR BADGER DAMAGE	Late Maize, Sorghum
RABBIT DAMAGE	Labrador Mix, Spring Triticale
DEER DAMAGE	Sorghum
SITE PROBLEM	SOLUTION
LOW pH	Labrador Mix, Spaniel Mix, Spring Triticale
AUTUMN SOWING	Spaniel Mix, Kwik Fix, Late Cover & Rescue Mix
PERMENANT SITE	Chicory, Reed Canary Grass
WOODLAND SITE	Buckwheat
EXPOSED SITE	Look for the Symbol
ESTABLISHMENT ISSUES	SOLUTION
TROUBLE ESTABLISHING KALE	Interval Kale
I NEED TO USE HERBICIDES	Suitable Mixes on pages 8 & 9
I HAVE HAD A CROP FAILURE	Spaniel Mix, Kwik Fix, Late Cover & Rescue Mix

To help with your gamecover selection we have used some icons for quick identification of useful traits. The Countryside Stewardship icon also has the relevant scheme number incorporated. (see page 20)



A product that provides feed



A product that provides cover



Suited to Northern areas and exposed sites



Provides a source of nectar



Suitable for Countryside Stewardship schemes

GAMECOVER MIXTURE GUIDE

Mixture	Page	Sowing Period	Cover Period	Sowing Rate per Acre	Crop Duration	Feed Use	Cover Use	Nectar Source	Stomp Tolerant	Butisan Tolerant	Northern Suitability
All Seasons Maize	11	April - June	Sept - Feb	45000sds	1 Year	Yes	Yes		Yes		
Millet Blend (Millgame)	12	April - May	Sept - Feb	5kg	1 Year	Yes	Yes		Yes		
Total Millet Blend	12	April - May	Sept - Feb	5kg	1 Year	Yes	Yes		Yes		
Traditional Gamecover	4	April - May	July - Feb	10kg	2 Years	Yes	Yes	Yes			
Setter	4	April - May	July - Feb	10kg	2 Years	Yes	Yes	Yes			
Northern Star	4	March - April	July - Feb	20kg	1 Year	Yes	Yes	Yes			Yes
Pro Driver	5	April - May	Sept - Feb	6.5kg	1 Year	Yes	Yes				
Partridge Mix	5	April - May	July - Feb	25kg	1 Year	Yes	Yes				Yes
Springer	5	March - April	August On	15kg	4 Year	Yes	Yes				Yes
Holdfast	6	April - May	Sept - Feb	2.5kg	1 Year	Yes	Yes				Yes
Decoy Mix	6	April - May	Aug - Feb	10kg	1 Year	Yes	Yes	Yes			
Nesting Rearing Mix	6	April - May	Year Round	15kg	5 Years +	Yes					Yes
Northern Shot	7	April - June	Sept - Feb	20kg	2 Years	Yes	Yes	Yes			Yes
Labrador	7	March - April	July - Feb	20kg	2 Years	Yes	Yes				Yes
Terrier Organic Mix	7	April - May	Sept - Feb	20kg	1 Year	Yes	Yes				Yes
Golden Retriever	8	May - Ely June	Sept - Feb	10kg	1 Year	Yes	Yes	Yes	Yes		
Broadshot	8	April - June	Sept - Feb	6kg	1 Year	Yes	Yes	Yes			
Cocker	8	April - May	Aug - Feb	6.5kg	2 Years	Yes	Yes			Yes	
Sundown	9	April - May	Aug - Feb	13kg	1 Year	Yes	Yes	Yes	Yes		
Four Ten	9	April - June	Aug - Feb	14kg	1 Year	Yes	Yes		Yes		
Jack Russell	9	April - May	Aug - Feb	20kg	1 Year	Yes	Yes	Yes	Yes		Yes
Spaniel	10	Aug - Sept	Sept - Feb	4.5kg	1 Year	Yes	Yes				Yes
Kwik Fix	10	Aug- Sept	Sept - Dec	5kg	1 Year		Yes				Yes
Late Cover Mix	10	Aug - Sept	Sept - Dec	5kg	1 Year		Yes				Yes

GAMECOVER STRAIGHTS GUIDE

Crop	Page	Sowing Period	Cover Period	Sowing Rate per Acre	Crop Duration	Feed Use	Nectar Source	Stomp Tolerant	Butisan Tolerant	Cover	Northern Suitability
Maize	11	April -May	Sept - Feb	45000 sds	1 Year	Yes		Yes		Yes	
Sorghum	13	April – June	July – Feb	8 – 12kg	1 Year			Yes	Yes	Yes	
Sunflower	14	April - May	July - Nov	5kg	1 Year	Yes	Yes	Yes		Yes	
Millet	12	April - May	Sept -- Feb	5kg	1 Year	Yes		Yes		Yes	
Kale	15	April - June	Sept – Mar	1 - 2kg	2 Years		Yes		Yes	Yes	Yes
Kale x Rape	15	April - June	Sept – Mar	1 – 2kg	2 Years		Yes		Yes	Yes	Yes
Quinoa	17	April - May	Sept – Dec	2kg	1 Year	Yes				Yes	Yes
Carbon	16	July - August	Sept -- Feb	2kg	1 Year		Yes		Yes	Yes	Yes
Artichokes	16	Mid Mar - May	Aug – Feb	500kg	5 Years +		Yes			Yes	Yes
Buckwheat	16	April - August	July – Dec	20kg	1 Year	Yes	Yes		Yes	Yes	Yes
Canary Grass	14	April - May	Sept – Feb	2 – 3kg	5 Years +			Yes		Yes	Yes
Chicory	16	April - May	Sept – Feb	2kg	5 Years +		Yes		Yes	Yes	
Fodder Radish	16	April - Aug	Sept – Feb	2.5kg	1 Year		Yes		Yes	Yes	Yes
Mustard	17	May - Aug	Aug – Dec	5 – 10kg	1 Year		Yes	Yes	Yes	Yes	Yes
Brown Mustard	17	May - Aug	Aug – Dec	5 – 10kg	1 Year		Yes	Yes	Yes	Yes	Yes
Spring Triticale	17	Mar - May	Sept – Feb	50 – 60kg	1 Years	Yes		Yes		Yes	Yes
Yellow Blossom Sweet Clover	18	Mar - July	Aug – Feb	2.5kg	2 Years		Yes	Yes	Yes	Yes	Yes
Forage Rape	15	May– Sept	Aug – Feb	1 – 2kg	2 Years		Yes		Yes	Yes	Yes
Phacelia	17	May - August	Aug – Nov	4 kg	1 Year		Yes		Yes	Yes	Yes
Linseed	17	Mar - June	Aug – Dec	25 kg	1 Year	Yes	Yes	Yes	Yes	Yes	Yes

GAMECOVER MIXTURES



Traditional Gamecover Mix

- A well proven traditional mixture.
- 2 full seasons of feed and cover.
- Attract both wild birds and insects to the crop benefiting game birds.
- Comprehensive mix containing brassicas for cover as well as a number of seed shedding plants.
- Very reliable performance in most conditions.

Mixture contains -

- | | |
|---------------|-------------------|
| •Mustard | •Gamecover Maize |
| •Kale | •Forage Rape |
| •White Millet | •Sunflowers |
| •Red Millet | •Phacelia |
| •Buckwheat | •Gold Of Pleasure |

Sowing rate 10kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from July - February



Setter Gamecover Mix

- 2 year full cover and feed mix.
- Attracts a large amount of insect interest during Summer months.
- Heavy amount of seed yields.
- Good Winter holding.
- Consistent performance.

Mixture contains -

- | | |
|---------------|------------------|
| •Phacelia | •Millet Blend |
| •Mustard | •Gamecover Maize |
| •Sweet Clover | •Buckwheat |
| •Kale | •Sunflowers |

Sowing rate 10kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from July - February



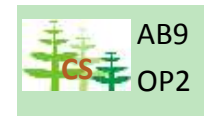
Northern Star

- Ideal for use in colder, more exposed areas.
- Provides cover and feed as well as being a haven for wildlife throughout the season.
- Triticale is beneficial where rabbit damage maybe a problem.
- Sow in wide rows to enable birds to have free access.

Mixture contains -

- | | |
|-------------------|---------------|
| •Spring Triticale | •Spring Wheat |
| •Spring Beans | •Forage Rape |
| •Kale | •Quinoa |
| •Sweet Clover | |

Sowing rate 20kg per acre
 Sowing date March - April
 Pack size 1 acre pack
 Cover from July - February



GAMECOVER MIXTURES



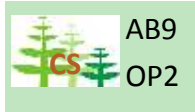
Pro Driver

- Thin canopy for easier bird access.
- Will show birds even on inclement days.
- Huge seed shed potential.

Mixture contains -

- Kale
- Quinoa
- Linseed
- Mustard

Sowing rate 6.5kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from September - February



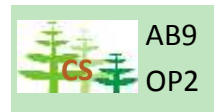
Partridge Mix

- Open canopy mixture.
- This mixture has been used widely as a general mix.
- Well suited to northern conditions.

Mixture contains -

- Spring Triticale
- Kale
- Linseed
- Gold of Pleasure
- Spring Barley

Sowing rate 25kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from July - February



Springer

- Strong plants give excellent driving cover.
- During the first year the Springer Triticale will work as a "nurse" crop
- Some useful Autumn seed shed.
- Chicory has good drought tolerance due to deep rooting.
- 3 to 4 years cover.

Mixture contains -

- Spring Triticale
- Perennial Chicory

Sowing rate 15kg per acre
 Sowing date March - April
 Pack size 1 acre pack
 Cover from August onwards



GAMECOVER MIXTURES



Holdfast

- Club root resistant kale variety.
- Provides excellent bird holding cover.
- Winter hardy cover provided by the kale.
- High quality feed provided by the quinoa.

Mixture contains -

- Quinoa
- Caledonian Kale

Sowing rate 2.5kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from September - February



Decoy Mix

- Mixture of small seed producing species which will provide excellent cover and feed.
- Last throughout the season.
- Easy to establish.
- Excellent alternative to traditional gamecover mixtures.
- Decoy can be used in ELS as a Wild Bird Seed Mix option.

Mixture contains -

- Linseed
- Buckwheat
- Red Millet
- White Millet
- Fodder Radish
- Mustard
- Japanese Reed Millet
- Gold of Pleasure

Sowing rate 10kg per acre
 Sowing date April-May
 Pack size 10kg pack
 Cover from September - February



Nesting Rearing Mix

- Provides a perfect rearing or release pen mixture.
- Establishes rapidly and forms a hardwearing sward.
- Withstands intensive stocking.
- The legumes included will fix nitrogen and attract insects.

Mixture contains -

- Late PRG
- Creeping Red Fescue
- Amenity PRG
- Timothy
- Meadow Fescue
- Birdsfoot Trefoil
- White Clover

Sowing rate 15kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from All Year Round



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GAMECOVER MIXTURES



Northern Shot Mix

- Ideal choice for colder exposed areas.
- Will last up to two years.
- Provides cover and feed as well as a wildlife haven.
- Kale, yellow blossom clover and chicory provide cover and feed in the second year.

Mixture contains -

- Spring Triticale
- Spring Wheat
- Spring Barley
- Kale
- Hybrid Brassica
- Perennial Chicory
- Sweet Clover
- Green Fennel

Sowing rate 20kg per acre
 Sowing date April - June
 Pack size 1 acre pack
 Cover from September - February



Labrador

- Designed for use in more exposed situations.
- Provides full season cover and some feed potential.
- Can also be used as a brood rearing crop.
- Attractive to insects.
- Kale's leaf canopy will ensure maximum cover until late February.
- Lasts up to two years.
- Triticale is beneficial where rabbit damage maybe a problem.

Mixture contains -

- Spring Triticale
- Linseed
- Mustard
- Kale
- Quinoa

Sowing rate 20kg per acre
 Sowing date March - April
 Pack size 1 acre pack
 Cover from July - February



Terrier Organic Mix

- Organically sourced seed.
- Provides a full season of cover and feed.
- Potential to last for 2 years.
- Attraction for important insect population that aids the holding of your gamebirds.

Mixture contains -

- Spring Triticale **Organic**
- Kale
- Phacelia
- Mustard

Sowing rate 20kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from September - February



AB9
 OP2



CHEMICAL TOLERANT GAMECOVER MIXTURES

Shield Tolerant



Broadshot

- Diverse mix designed for a full season.
- 2 years cover and feed.
- Good feed and cover for a mix of bird species.
- Shield tolerant.

Mixture contains -

- Buckwheat
- Kale
- White Millet
- Phacelia
- Forage Rape
- Red Millet
- Japanese Reed Millet
- Quinoa
- Sweet Clover

Sowing rate 10kg per acre
 Sowing date April - June
 Pack size 2 acre pack
 Cover from September - February

Shield is effective against

- Thistle
- Creeping thistle
- Groundsel
- Mayweeds
- Sowthistle



Butisan S Tolerant



Cocker

- Butisan S tolerant.
- Allows for good weed control.
- 2 year cover.
- Good feed qualities.

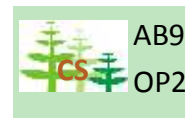
Mixture contains -

- Caledonian Kale
- Fodder Radish
- Mustard
- Linseed

Sowing rate 6.5kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from September - February

Butisan S is effective against

- Annual Meadow Grass
- Shepherd's Purse
- Chickweed
- Dead Nettle
- Groundsel
- Speedwells
- Mayweed
- Cranesbill



Stomp Aqua Tolerant



Golden Retriever

- Good feed potential from the shed seeds of sunflower and millet.
- Ideal driving cover for pheasants or partridge.
- Good winter holding potential.
- Stomp Aqua tolerant.

Mixture contains -

- Dwarf Sorghum
- Millet Blend
- Dwarf Sunflower

Sowing rate 10kg per acre
 Sowing date May - June
 Pack size 1 acre pack
 Cover from September - February

Stomp Aqua is effective against

- Grass weed
- Pansy
- Speedwells
- Chickweed
- Knotgrass
- Shepherd's Purse
- Dead Nettle
- Nettle
- Fat Hen



CHEMICAL TOLERANT GAMECOVER MIXTURES



Sundown Mixture

- Fantastic feed potential.
- Full season cover.
- Not recommended in marginal areas.

Mixture contains -

- Maize
- Dwarf Sorghum
- Sunflower

Sowing rate 13kg per acre
 Sowing date April - June
 Pack size 1 acre pack
 Cover from August - February

Four Ten

- This mix provides feed and cover throughout the season.
- The dwarf sorghum will help provide added warmth lower down.

Mixture contains -

- Maize
- Dwarf Sorghum

Sowing rate 14kg per acre
 Sowing date April - June
 Pack size 1 acre pack
 Cover from August - February

Jack Russell

- Excellent feed source for one year.
- Stomp Aqua tolerance.

Mixture contains -

- Spring Triticale
- Sorghum
- Millet Blend
- Sunflower
- Oil Radish

Sowing rate 20kg per acre
 Sowing date April - May
 Pack size 1 acre pack
 Cover from August - February

Stomp Aqua is effective against

- Grass weed
- Pansy
- Speedwells
- Chickweed
- Knotgrass
- Shepherd's Purse
- Dead Nettle
- Nettle
- Fat Hen



AB9
OP2



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LATE SOWING AND RESCUE MIXES



Kwik Fix

- Quick to establish.
- Good cover for areas of failed cover.
- Not Winter hardy and will not last beyond Christmas.

Mixture contains -

- Mustard
- Fodder Radish

Sowing rate 5kg per acre
 Sowing date August-September
 Pack size 1 acre pack
 Cover from September - December



Spaniel

- Quick growing cover crop which makes it ideal for late sowing.
- Drought tolerant.
- Can be broadcast into cereal stubble.
- Very useful for patching areas where drought or flea beetle damage has occurred.
- Fodder radish retains seed until late in the season .
- Much more hardy than straight mustard.

Mixture contains -

- Carbon Kale
- Interval Rape
- Mustard
- Fodder Radish

Sowing rate 4.5kg per acre
 Sowing date August - September
 Pack size 1 acre pack
 Cover from September - February



Late Cover & Rescue Mixture

- Late Cover Mix will grow to a height of between 2 and 3 feet.
- Easy to establish.
- Ideal mixture to broadcast after harvesting cereals.
- Will rapidly establish to provide Winter cover.

Mixture contains -

- Mustard
- Stubble Turnips
- Forage Rape
- Fodder Radish

Sowing rate 5kg per acre
 Sowing date August - September
 Pack size 1 acre pack
 Cover from September - December



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GAMECOVER MAIZE

SOWING RATE: 45,000 seeds per acre
SOWING DATE: April - June
PACK SIZE: 1 acre pack
COVER FROM: August - February

Top Tips for Game Maize

- Do not drill too early - Absolute minimum soil temperature 10°C for at least three consecutive days.
- The soil should be free of compaction.
- Cold Wet Soils - Maize is a semi-tropical crop and will not grow well in cold wet soils. Preferring light, free draining soils.
- Fertiliser - Maize loves farmyard manure, incorporate this in the soil. For the best possible start we always recommend the use of Maxi-Maize Plus.

All Season

“The original Gamecover Maize Blend”

All Season maize blend is a unique blend of three selected maize varieties of varying maturity producing special benefits that cannot be achieved by growing a single variety.

- **Spread maturity for long season feed.**
- **Robust effective cover.**
- **Long standing.**
- **Works in all seasons.**

“All Season” is able in both good and bad seasons to produce grain because of the range of maturities within the blend, described right:



Early Variety

In a good or bad season grain is produced of a satisfactory maturity to provide feed. The plants brackle over to make cobs available to the birds.

Medium Variety

In a good season this will give good grain yields later than the earlier variety, spreading the feeding season and holding the birds.

Late Variety

Produces very large strong plants for all season cover with good resistance to lodging because of its very high fusarium disease resistance.

Late Season Maize

Sometimes referred to as “Cobless Maize”. Growing a late maturing single variety of maize is sometimes an option for gamecover as it stands longer and remains green for longer into the late Autumn and Winter months.

Maxi-Maize PLUS

The best starter fertiliser for your maize

Maxi-MaizePLUS is the ideal placement fertiliser. This is an improvement on the original Maxi-Maize formulation and includes the addition of extra sulphur and copper to improve early season growth and yields. Copper deficiency can have a detrimental effect on cob fill.

Field experience shows benefit to growers throughout the season with more vigorous plants, earlier tasselling, more grain sites and earlier grain maturity.

Apply one 25kg bag per acre down the spout of the drill.

Analysis 19N : 39.5P : 0.0K + 6.0S03 + 0.5MgO + 0.9CaO + WolfTrax + Zn + Mn + B + Cu + Avail



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GAMECOVER MILLET

SOWING RATE: 5kg/acre
SOWING DATE: April - May
PACK SIZE: 10kg
COVER: September - February

White Millet

Widely grown in the UK, white millet is an excellent source of nutritious seed that keeps gamebirds interested in the cover. Whilst not as early in seed maturity as red millet it is often used in mixtures but also sown in blocks. Commonly used as a flushing point.

Red Millet

Red millet is an earlier maturing millet than the widely used white millet. It is an excellent source of nutritious seed that keeps gamebirds interested in the cover. Often used as a flushing point.

Japanese Reed Millet

Japanese Reed Millet is a stronger plant than other members of the millet family and is more winter hardy. When mixed with red and white millet it provides an excellent cover and feed crop. (See Horizon Total Millet Blend.)



Millet Blend (Millgame)

This combination of both red and white millet extends both the feeding and holding period. Red and White Millet Blend is often sown within gamecover maize or in blocks for feeding and flushing. Nutritious seeds which are freely shed keeps birds interested in your cover. This blend will give a long spread of seed maturity and shedding.

Total Millet Blend

A mixture of white millet, red millet and winter hardy Japanese reed millet. This mixture provides a longer season of cover and feed. Total Millet Blend is often used as a windproof belt or flushing point around maize.



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GAMECOVER SORGHUM

SOWING RATE: Dwarf 8kg per acre
Intermediate 8kg per acre
Giant 12kg per acre

SOWING DATE: April - Early June

PACK SIZE: 1 acre pack

COVER FROM: July - February

Sorghum is a tropical crop where it is grown for grain. You will need to be careful not to sow too early with any sorghum as it is very cold sensitive, requiring a minimum soil temperature of 14°C. Bare in mind that Sorghum, being a tropical crop, requires more heat than maize which is a sub tropical crop. Lasts well into late January/ February and can be used in some stewardship and wild bird mixtures. Sowing depth 1 - 2 inches. Row width 70cm.

Giant Sorghum

Provides a tall dense cover some 5 - 7 feet tall with average resistance to lodging. Best used as a flushing point or drilled as a windbreak to protect other cover crops. Offers no feed value to game birds.

Intermediate Sorghum

Very similar to the other sorghums, but as the name suggests grows to a height of around 4 - 5 feet. This gives it a better wind break possibility than the dwarf varieties whilst at the same time not being seen as an impenetrable barrier. Drilling depth 1 - 2 inches with row widths at 70cm.



Dwarf Sorghum

Sometimes referred to as "Milo" or "Grain" sorghum in other parts of the world. Dwarf sorghum is shorter and stiffer stemmed than giant sorghum. Reaching a height of 3 - 3.5 feet with large leaves producing a leafier cover at ground level. Very good standing power provides a good warm holding area for birds. Will provide grain in southern areas



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GAMECOVER SUNFLOWER

SUNFLOWER

SOWING RATE: 5kg per acre

SOWING DATE: April - May

PACK SIZE: 1 acre pack

COVER FROM: July - November

Sunflowers are often grown as part of a mixture. Whilst providing an abundant source of seed in Autumn. Sunflowers attract huge numbers of insects to the cover from the time they start to flower. Helps to attract finches and other wildlife to the cover crop. Sow after mid April when soil temperatures have reached a minimum of 10°C. Best results are seen in years which have a good sunny summer. Flowering period is normally around two to three weeks in length in late July or early August with seed being ready for shedding from early October.

Standard Gamecover Sunflowers

Will normally grow to a height of between 4.5 - 6 feet. If sown in blocks you can increase the size of the heads by reducing the seed rate, this also increases the stem thickness and therefore standing power. Minimum soil temperature required is 10°C.



Dwarf Sunflowers

Dwarf sunflowers will grow to around 3 - 4 feet in height. Mostly sown in mixtures where they add excellent feed quality and quantity. They also bring in lots of insect activity during the flowering period approximately the end of July and into August for two to three weeks.



CANARY GRASS

SOWING RATE: 2.5kg per acre

SOWING DATE: April - May

PACK SIZE: 1 acre pack

COVER FROM: September - February

Canary Grass (Phalaris Aquatica)

Canary grass is a long lasting (5 - 6 years) cover crop which, when matured, will grow into bushy clumps and reach up to 6 feet tall. It is a non UK native species but grows well in the UK. Pack size is 2.5kg per acre.

CANARY GRASS

Reed Canary Grass (Phalaris Arundinacea)

Reed Canary Grass is a UK native species and therefore may prove more winter hardy and suited to a wider range of soil types than Canary Grass.



SPRING MANAGEMENT WILL BE REQUIRED EACH YEAR TO THIN OUT BETWEEN THE ROWS TO ALLOW GOOD ACCESS FOR YOUR BIRDS.

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GAMECOVER BRASSICAS

Kale Grüner Angeliter

Grüner Angeliter is a long stemmed variety but still gives good standing power. Creates a good canopy with plenty of room under this for birds to run. A marrow stem type kale which is very suitable for forage as well as gamecover. Good Winter hardiness and is likely to be very popular.



Kale Caledonian

Caledonian can provide excellent full season cover from September to February and has proved to be very winter hardy. The Club Root resistance of Caledonian enables it to be grown on the same areas as previous years.



Kale Goldeneye

Goldeneye is a giant type kale variety with a balanced leaf to stem ratio providing a good canopy combined with good winter hardiness. Club root tolerant.



Kale Rape Interval

Interval (Kale/Rape Hybrid) a fantastic fast growing rape with kale parentage. Excellent establishment and early vigour. Ideal replacement for kale when sown in June or July. Interval gives an excellent winter hardy full season of cover.



Forage Rape Hobson

Quick establishing, powdery mildew resistant variety with good winter hardiness. Hobson has a strong leaf canopy. A good variety for pre Christmas game cover. 2.5kg per acre.



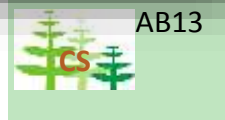
Forage Rape Hungry Gap

A more hardy, tougher variety that will overwinter lasting well into February so is suited to late cover providing a very longstanding cover canopy. 2.5kg per acre.



Sowing rate 1 - 2kg per acre
Sowing date April-June
Pack size 1kg pack
Cover from September - February

Brassicas provides good cover throughout the season and are a reliable crop for showing pheasants. Brassicas grow in most situations but the variety chosen should have good winter hardiness. If left kale will often produce good re-growth in the second year.



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BRASSICAS

GAMECOVER STRAIGHTS

Fodder Radish

Popular for its seed shedding ability, Fodder Radish is a useful crop where brassica clubroot is present. It can be sown from April and into August and is therefore a good "patching" option. Also makes very good green manure. Good in all areas of the UK, with some frost tolerance. 2.5kg per acre.



Artichokes

PERENNIAL GAMECOVER - SPRING SOWN TUBERS
Grows in most soil types and is not geographically limited. Artichokes grow to over six feet tall and will remain green until mid Autumn. From that time there will be a gradual die back, but should maintain cover until the end of the shooting season. Careful management is required in spring each year.

Delivery late Spring subject to lifting conditions



Chicory

As a perennial crop chicory will give better cover in the second and subsequent years. During the first year it will be similar in size to a large dandelion but by the Summer of the second year it is a tall and bushy plant. Chicory offers good drought resistance but does not like wet ground. We are offering chicory as a straight in 2kg packs or in mixtures such as Springer.



Carbon (Ethiopian Mustard x Kale Hybrid)

If your crop needs a boost or simply if you were unable to sow in the Spring, then Carbon is the crop to sow in July or early August, providing cover from a short growth period. Ideal for use as a recovery crop, producing very large kale like leaves. Excellent warm cover and driving potential. Winter hardy outstanding Winter colour with red/purple stems and leaf edging. 2kg per acre.



Buckwheat

Buckwheat is a quick growing and versatile crop which produces lots of nectar rich flowers. These are brilliant at attracting insects to the cover. There is a good amount of seed shed in early Autumn which again gives feed interest to the birds. Most often found in mixtures but can be sown in patches. Available in 5kg packs.



Linseed

Linseed is often used in gamecover for its excellent seed shedding. Frequently used as part of a mixture but can be sown as a straight stand. It is another plant with no overall canopy which makes it very suitable for partridge. It is featured in our partridge mixtures. 25kg per acre.



GAMECOVER STRAIGHTS

Phacelia

Phacelia is an extremely fast growing catch crop with brilliant bluey purple flowers. This attracts a huge quantity of insects to the cover. A good provider of both pollen and nectar. Phacelia competes well with weeds and is often used as a green manure crop. Phacelia does readily re-seed itself.



Brown Mustard

Brown mustard is a more Winter hardy plant that grows quickly as with other mustards. It can be sown or broadcast into cereal stubble. Although more expensive than standard mustard it will maintain cover through to February as in the picture below.



Yellow Blossom Sweet Clover

Often known as Sweet Clover this is a useful hardy biennial crop. It is often grown as part of a mixture where it will fix atmospheric nitrogen. A good nectar producing plant that thrives on neutral and calcareous soils. 2nd year growth can reach up to 2 metres in height.



Mustard

Mustard is a very versatile crop which can be sown as part of a mixture or as a patching crop due to its fast growth. It is often sown or broadcast into cereal stubbles. It can be sown over a wide period of time from Spring right through to mid September. Often used as a green manure. Mustard is not Winter hardy but does offer excellent early season cover.



Spring Triticale

True Spring varieties of triticale do not need a period of vernalisation to allow them to produce an abundance of seed. The standing power of triticale is excellent, taken together with the fact that rabbits do not like it, triticale is a useful addition to the gamecover portfolio. Can be sown as a straight but most often found in mixtures. Will provide cover late into the season particularly used in partridge mixtures.



Quinoa

Quinoa is an excellent provider of high protein seed which is shed throughout the season. Although Quinoa can be sown on its own it is more frequently grown in a mix. Often grown with Kale as in Holdfast.



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Although our Gamecover catalogue is comprehensive it is not exhaustive and we know you may have special requirements that are not offered.

If this is the case please feel free to contact the office or your local agent for more information and we will do our best to help you.

COUNTRYSIDE STEWARDSHIP SCHEMES

We are able to offer a range of solutions to comply with Countryside Stewardship Schemes.

About the scheme

Countryside Stewardship provides financial incentives for farmers and land managers to look after their environment by:

- Conserving and restoring wildlife habitats.
- Flood risk management.
- Woodland creation and management.
- Reducing widespread water pollution from agriculture.
- Keeping the character of the countryside.
- Preserving historical features in the landscape.
- Encouraging educational access.

The scheme is:

- Open to all eligible farmers, woodland owners, foresters and other land managers.
- Suitable for many types of land use, for example conventional and organic farmland, coastal areas, uplands and woodlands.
- Competitive.
- Scored against local priority targets to maximise environmental benefit.

There are 4 main elements to the scheme:

- Mid Tier
- Wildlife Offers
- Higher Tier
- Capital Grants

What is Mid Tier Countryside Stewardship?

It provides a range of options and capital items that together help to deliver a broad range of environmental benefits. The main priority is to protect and enhance the natural environment, in particular the diversity of wildlife and water quality. The scheme is competitive which means that your application will be scored against other applications. Applications are assessed to determine which ones offer the best results for the environment in your local area, and the best value for money. The Government has confirmed that it will guarantee funding for Countryside Stewardship grants if they are:

- Agreed and signed before 31 December 2020.
- Good value for money.
- In line with domestic strategic priorities.



Higher Tier

The higher tier covers the more environmentally significant sites, commons and woodlands. The options, supplements and capital items available are more

complex than mid tier due to the needs of these sites. More Information is available on the Government Website:

www.gov.uk/government/collections/countryside-stewardship



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COUNTRYSIDE STEWARDSHIP SCHEMES

Find the mix to suit your scheme using the chart below:

CSS code	Type	Suitable	Comments
AB1	Nectar Flower Mixture	Nectar Rich Bronze, Nectar Rich Gold, Turtle Dove.	Establish a mix of at least 4 nectar-rich plants and at least 2 perennials from : Early and late flowering red clovers, alsike clover, sainfoin, birdsfoot trefoil, black knapweed, musk mallow. Sow at 12kg per ha to provide enough plants
AB2	Basic Overwinter Stubble	Kwik Fix, Mustard, Fodder Radish etc.	Only on stubble that follows the harvest of: cereals (not maize), oilseed rape & linseed.
AB3	Beetle Banks	BGM1, BGM1 RC, BGM2, BGM2 RC, BGM3.	Sow a mixture of fine-leaved grasses such as red fescue together with some tussock-forming varieties like tall fescue, timothy and cocksfoot.
AB7	Wholecrop Cereals	Arable Silage Mixes, Kwik Fix, Barley, Mustard, Fodder Radish.	Whole crop cereal stubbles can be enhanced by broadcasting beneficial seed and nectar-producing plants, such as mustard and fodder radish.
AB8	Flower Rich Margins/Plots	BGM4 with Wildflowers, Flower Rich Margin Mixture, Butterfly & Bumblebee Mixture.	Flower-rich grass margins or plots provide important habitat and foraging sites for invertebrates (including wild pollinators) and birds.
AB9	Winter Bird Food	Northern Star, Pro Driver, Partridge, Decoy, Terrier, Cocker, Jack Russell, WBS1, WBS2, WBS3, WBS4, Linnet, Finch, Bunting,	Annual mixtures should include species like barley, triticale, quinoa, linseed, millet, mustard, fodder radish and sunflower. Include kale in 2 year mixtures.
AB13	Brassica Fodder Crop	Kale, Forage Rape.	Establish a whole or part field of fodder brassica or fodder root crop.
AB15	Two Year Sown Legume Fallow	Legume Fallow mix.	Provides food for farmland wildlife, such as pollen and nectar for pollinators and invertebrate, chick food for farmland birds. It can also be a useful part of a rotation aimed at reducing blackgrass populations. Sow at an overall seed rate of around 30kg per ha, and retain for 2 years before re-establishment.
AB16	Autumn Sown Bumblebee Mix	WBA2	Important food resources for farmland birds and a range of nectar feeding insects, including butterflies and bumblebees, on arable and mixed farms. Overall seed rate of around 30kg per ha and retain for 2 years before re-establishment.

COUNTRYSIDE STEWARDSHIP SCHEMES

Below is a quick guide to our environmental mixtures and the relevant schemes they are suited to. Other mixtures are available on request including organic options.

Buffer Strip Mixes	CSS CODE	ELS/HLS
BGM1	AB3, SW1,S W2, SW3, SW4, SW7, SW8, WT1, WT2	EC24, EE1, EE2, EE3, EE8, EE9, EF7, EJ9,
BGM1 + Red Clover	AB3, GS1, SW1,S W2, SW3, SW4, SW7, SW8, WT1, WT2	EC24, EE1, EE2, EE3, EE8, EE9, EJ9
BGM2	AB3, SW1,S W2, SW3, SW4, SW7, SW8	EC24, EE1, EE2, EE3, EE8, EE9, EF7
BGM2 + red Clover	AB3, SW1,S W2, SW3, SW4, SW7, SW8, WT1, WT2	EC24, EE1, EE2, EE3, EE8, EE9
BGM3	AB3, GS1, GS14, SW1, SW2, SW3, SW4, SW7, SW8, WT1, WT2	EC24, EE1, EE2, EE3, EE9
BGM4	AB8, GS8, GS14, SW1, SW2, SW3, SW4, SW7, SW8, WT1, WT2	EC24, EE1, EE2, EE3, EE9, EE12, EF1
Legume & Herb Rich	GS1,GS4,GS14,SW1, SW2, SW3, SW4, SW7, SW8, WT1, WT2	EE1, EE2, EE3, EE9, EK21, EC24

Cover Crops	CSS CODE	ELS/HLS
Arable Silage Mixes	AB7	
Mustard	AB2, AB7	EF6, EF22, EJ10, EJ13
Fodder Radish	AB2, AB7	EF6, EF22
Vetch		EJ13
Forage Rye		EJ10, EJ13
Barley	AB7	EJ10, EJ13
Spring Oilseed Rape		EF6, EF22

Legume Fallow Mixtures	CSS CODE	ELS/HLS
WBS1, WBS2, WBS3, WBS4	AB15	

Wild Bird Mixes	CSS CODE	ELS/HLS
WBS1, WBS2, WBS3, WBS4	AB9	EF2
WBA2	AB16	EJ13
Linnet, Finch, Bunting	AB9, OP2	EF2
Turtle Dove	AB1	

Pollen & Nectar Mixes	CSS CODE	ELS/HLS
Pollen & Nectar (Grass)	AB3, GS1, GS4, GS8, GS14, SW1, SW2, SW3, SW4, SW7	EC24, EE3, EE8, EE9, EF1
Butterfly & Bumblebee	AB8, GS8, GS14,	EF1, HE10
Nectar Rich Bronze	AB1	EF4
Nectar Rich Gold	AB1	EF4
WF1		EE12, HE10

Gamecover Mixes	CSS CODE	ELS/HLS
Cocker	AB13	
Pro Driver	AB9, OP2	
Labrador	AB9, OP2	
Jack Russell	AB9, OP2	
Kwik Fix	AB2, AB7	EF6, EF22, EJ10, EJ13
Northern Shot	AB9	
Decoy Mix	AB9	
Terrier Organic Mix	AB9, OP2	



BUFFER STRIP MIXTURES



BGM1 (With Cocksfoot)

- 20% Hard Fescue
- 30% Creeping Red Fescue
- 15% Cocksfoot
- 15% Timothy
- 20% Tall Fescue

Sowing rate 20kg/ha
Pack size 20kg

BGM1 RC (Red Clover & Cocksfoot)

- 20% Hard Fescue
- 25% Creeping Red Fescue
- 15% Cocksfoot
- 15% Timothy
- 20% Tall Fescue
- 5% Red Clover

Sowing rate 20kg/ha
Pack size 20kg

BGM2 (No Cocksfoot)

- 20% Hard Fescue
- 25% Creeping Red Fescue
- 20% Chewing Fescue
- 15% Timothy
- 20% Tall Fescue

Sowing rate 20kg/ha
Pack size 20kg



BGM2 RC (Red Clover No Cocksfoot)

- 20% Hard Fescue
- 25% Creeping Red Fescue
- 20% Chewing Fescue
- 15% Timothy
- 15% Tall Fescue
- 5% Red Clover

Sowing rate 20kg/ha
Pack size 20kg

BGM 3 (Clover and Cocksfoot)

- 15% Hard Fescue
- 25% Creeping Red Fescue
- 15% Cocksfoot
- 15% Timothy
- 20% Tall Fescue
- 5% Birdsfoot Trefoil
- 5% Small White Clover

Sowing rate 20kg/ha
Pack size 20kg

Legume Fallow Mixture 2 Year (AB15)

- 66% Perennial Ryegrass
- 15% Red Clover
- 10% Winter Vetch
- 7% Birdsfoot Trefoil
- 1% Yarrow
- 1% Oxeye Daisy

Sowing rate 30-40 kg/ha
Pack size 20kg



BGM4 (With Wildflowers)

- 20% Hard Fescue
- 15% Slender Red Fescue
- 4% SS Meadow Grass
- 15% Creeping Red Fescue
- 25% Chewings Fescue
- 2% Browntop Bent Grass
- 3.5% Winter Vetch
- 4% Crested Dogstail
- 0.4% Wild Carrot
- 2.25% Red Clover
- 0.5% Alsike Clover
- 1% Birdsfoot Trefoil
- 0.4% Ox Eye Daisy
- 0.4% Yarrow
- 5% Sainfoin
- 1% Black Medick
- 0.25% Ribwort Plantain
- 0.3% Red Campion (N)

Sowing rate 16 - 20kg/ha
Pack size 20kg

Legume & Herb Rich Mixture

- 25% Late Perennial Ryegrass
- 20% Meadow Fescue
- 15% Timothy
- 10% SS Meadow Grass
- 10% Creeping Red Fescue
- 10% Red Clover
- 5.6% Sainfoin
- 1.46% Lucerne (inoculated)
- 1% Birdsfoot Trefoil
- 1% Sheeps Burnet
- 0.5% Ribwort Plantain
- 0.02% Oxeye Daisy
- 0.2% Sheeps Sorrel
- 0.25% Yarrow

Sowing rate 32-37kg/ha
Pack size 20kg

WILD BIRD MIXTURES



WBS 1
1 Year Spring Sown
Attracts Tree Sparrows

- 50% Spring Triticale
- 40% Spring Barley
- 5% White Millet
- 2% Red Millet
- 3% Fodder Radish

Sowing Rate 40kg/ha
Pack size 20kg

WBS 2
1 - 2 Year Spring Sown
Attracts Grey Partridge

- 45% Spring Triticale
- 20% Spring Barley
- 15% Spring Wheat
- 7% Kale
- 4% Fodder Radish
- 4% White Millet
- 3% Quinoa
- 2% Red Millet

Sowing Rate 40kg/ha
Pack Size 20kg



WBS 3
1 Year Spring Sown
Attracts Finches & Buntings

- 50% Spring Triticale
- 15% Spring Barley
- 15% Spring Wheat
- 8% White Mustard
- 7% Linseed
- 5% Forage Rape

Sowing Rate 40kg/ha
Pack size 20kg

WBS 4
1 Year Spring Sown
Attracts Finches & Buntings

- 25% Spring Barley
- 45% Spring Triticale
- 8.5% Dwarf Sorghum
- 7% White Millet
- 5% Linseed
- 4% Japanese Reed Millet
- 3% Red Millet
- 2.5% Gold of Pleasure

Sowing Rate 40kg/ha
Pack size 20kg



WBA 1
1 Year Autumn Sown

- 40% Winter Triticale
- 28% Winter Barley
- 10% Winter Vetch
- 10% Forage Rape
- 10% Fodder Radish
- 2% Gold Of Pleasure

Sowing Rate 40kg/ha
Pack Size 20kg

WBA 2 Autumn Sown Bumblebird Mixture
2 Year Autumn Sown

- 25% Winter Triticale
- 15% Winter Barley
- 15% Winter Wheat
- 8% Fodder Radish
- 5% Birdsfoot Trefoil
- 6% Winter Vetch
- 5% Crimson Clover
- 5% Gold of Pleasure
- 5% Kale
- 5% Lucerne
- 2.5% Red Clover
- 2% Phacelia
- 0.1% Black Knapweed (N)
- 0.5% Wild Carrot
- 0.5% Oxeye Daisy
- 0.4% Yarrow

Sowing Rate 40kg/ha
Pack Size 20kg

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WILD BIRD MIXTURES

POLLEN AND NECTAR MIXTURES



Linnets

Produces an abundance of small seeds. Also suitable for tree sparrows and grey partridge.

- 12% Kale
- 8% OSR
- 25% Red Millet
- 25% White Millet
- 20% Linseed
- 5% Mustard
- 5% Oilseed Radish

Sowing rate 20kg/ha
Pack size 20kg

Bunting

Cereal based mixture producing seed from September to February also suited to house sparrows, yellow hammer and skylarks.

- 25% Spring Triticale
- 25% Spring Wheat
- 20% Spring Barley
- 10% Quinoa
- 10% Red Millet
- 10% White Millet

Sowing rate 40kg/ha
Pack size 20kg

AB9 1 Year Supplement

Already have cereal seed on farm we can provide the small seed supplement to create your own blend for AB9 compliance: a mix of seeds drawn from the following :

- Quinoa
- Linseed
- Millet
- Mustard
- Fodder Radish
- Sunflower

Pack size 5kg

AB9 2 Year Supplement

2 year small seed blend to add to cereal seed for AB9 compliance: A mix of seed drawn from the following:

- Quinoa
- Linseed
- Millet
- Mustard
- Fodder Radish
- Sunflower
- Kale

Pack size 5kg

Nectar Rich Bronze

- 50% Sainfoin
- 20% Winter Vetch
- 10% Red Clover
- 8% Birds Foot Trefoil
- 5% Alsike Clover
- 4% Crimson Clover
- 3% Lucerne (inoculated)

Sowing rate 10-15kg/ha
Pack size:12kg

Nectar Rich Gold

- 40% Sainfoin
- 18% Winter Vetch
- 10% Red Clover
- 10% Alsike Clover
- 10% Birdsfoot Trefoil
- 10% Lucerne (inoculated)
- 0.5% Yarrow
- 1.5% Musk Mallow

Sowing rate 10-15kg/ha
Pack size: 12kg

Annual Nectar Mixture

- 25% Buckwheat
- 22% Sainfoin
- 20% Phacelia
- 10% Crimson Clover
- 10% Lucerne (inoculated)
- 8% Red Clover
- 5% Alsike Clover

Sowing rate 10kg/ha
Pack size:5kg

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POLLEN AND NECTAR MIXTURES



Pollen and Nectar (with grass)

- 10% Meadow Fescue
- 10% Tall Oat Grass
- 10% Cocksfoot
- 10% Tall Fescue
- 10% Red Clover
- 6% Alsike Clover
- 10% Sainfoin
- 10% Timothy
- 8% Birdsfoot Trefoil
- 6% Winter Vetch
- 5% Creeping Red Fescue
- 5% Hard Fescue
- 4% Black Medic
- 1% Alsike Clover
- 0.3% Musk Mallow
- 0.3% Ox-eye Daisy
- 0.2% Self Heal
- 0.15% Yarrow
- 0.05% Sheeps Burnet

20kg/ha
Pack Size: 10kg

WF1

- 42% Sainfoin
- 10% Red Clover
- 10% Birdsfoot Trefoil
- 8% Winter Vetch
- 6% Yarrow
- 5% Lucerne (inoculated)
- 4% Alsike Clover
- 4% Black Medick
- 2% Ox-eye Daisy (N)
- 1.25% Musk Mallow
- 1.25% Red Campion (N)
- 1.25% Wild Carrot
- 1% Corncockle (N)
- 1% Selfheal (N)
- 0.75% Cornflower (N)
- 0.75% Goats Rue
- 0.5% Corn Marigold (N)
- 0.5% Field Poppy (N)
- 0.5% Salad Burnet (N)
- 0.25% White Campion (N)

5-10kg/ha
Pack size: 1kg

Butterfly & Bumblebee Mix (with Grass)

- 15% Creeping Red Fescue
- 15% Hard Fescue
- 10% Sheeps Fescue
- 10% Browntop Bent
- 9% Smooth Stalked Meadow Grass
- 7% Lucerne (Inoculated)
- 5% Yorkshire Fog
- 4% Kidney Vetch (N)
- 4% Birdsfoot Trefoil
- 4% Hairy Vetch
- 3% Tufted Hair Grass
- 3% Red Clover
- 1.5% Ribwort Plantain
- 1% Agrimony (N)
- 1% Red Campion (N)
- 1% Phacelia
- 1% Field Pansy (N)
- 1% Alsike Clover
- 1% Musk Mallow
- 1% White Campion (N)
- 0.75% Goats Rue
- 0.6% Selfheal (N)
- 0.5% Oxeye Daisy
- 0.5% Wild Carrot
- 0.15% Betony (N)

16kg/ha
Pack Size: 1kg

(N) = Native Seed

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WILD FLOWER MEADOW MIXTURES

Why sow Wild Flora?

Since the 1940's the UK has seen vast reductions in native plant populations and meadows. Sowing of wild native grass and flower seed has an important role to play in starting to redress the balance. At the same time you will be providing much needed help for birds, butterflies and mammals. Our wild flower mixtures will provide you with an attractive pleasing meadow.

Native Wild Flora

Using seed of UK native origin is vitally important. These are seeds collected from specially selected UK wild habitat populations where plants have adapted to and flourished in particular conditions as a collection of ecotypes over many years.

Horizon Wildflower Meadow Mixtures

With the build up of stocks of native wild flowers and grass we have developed a range of Wildflower Meadow Mixtures suitable for most soil conditions detailed below. These are composed of 20% native wildflowers and 80% grasses which act as a "nurse crop" suppressing weeds and allowing the wild flowers to establish and flourish.

Our Wild Flower Meadow Mixtures contain 20% native British wild flowers and 80% slow growing grasses (by weight).

Sow at 3-5gm/M² (20kg per acre)

Cornfield Annuals 2 gm/M² (8kg per acre)



Popular General Purpose Meadow

This mixture of 10 wild flower species will produce a colourful diverse sward across a range of soil types including neutral loamy soils.

Standard General Purpose Meadow

This mixture of 15 wild flower species will produce a colourful diverse sward across a range of soil types including neutral loamy soils.

Special General Purpose Meadow

This mixture of 20 wild flower species will produce a colourful diverse sward across a range of soil types including neutral loamy soils.



Clay Soils Meadow Mixture

Comprising of species usually found and adapted to growing on soils with a high clay content.

Acid Soils Meadow Mixture

Comprising of species naturally occurring on soils with low pH levels.



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WILD FLOWER MEADOW MIXTURES

Calcareous Soils Meadow Mixture

A carefully selected range of species found overlying limestone or chalk. Usually free draining but prone to drought conditions and supporting low growing vegetation.

Damp/Wet Soils Meadow Mixture

A selection of species typically found coping and flourishing in damp, wet moisture retentive soils typical of many free draining loam and alluvial lowland meadows.

Dry/Sandy Soils Meadow Mixture

A typical mixture for free draining light sandy soils containing species that are deep rooting and selected to combat and tolerate the lack of moisture.

Hedgerow/Light Shade Mixture

A mixture tolerant of semi-shade and suitable for field boundaries margins and clearings, bridle paths etc.

Wetland/Water Edge Meadow Mixture

A diverse selection suited to saturated soils, pond and stream edge and areas prone to periodic waterlogging.

Cornfield Annuals (100% flower seed)

Suited to most soil types including fertile sites. A mixture containing popular bright, colourful traditional cornfield annuals. This mixture can be used alone or with a perennial mixture to obtain flowering in the first summer.



Full ingredients list and growing guides are available on request



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COVER CROPS MIXTURES



A cover crop is grown for the protection and enrichment of the soil. Primarily it can manage soil erosion, fertility, soil quality, moisture retention, weeds, pests and diseases. Cover crops are varied to meet the needs of individual requirements. Cover crops can provide benefits in rotations over a bare fallow. Cover crops can also provide supplementary feeding options for livestock and wildlife.

Cover crops need to be selected with a view to fitting farm practice, capabilities, expertise and available equipment. Cover Crops can be used in Ecological Focus Areas (EFA) of the Basic Farming Scheme and as an option in agri-environment schemes, providing, of course, they comply with the regulations.

Top Green

80% Rye / 20% Vetch

50-60kg/ha

Cost effective mix for all round ground cover & nitrogen fixing



Sow Green

80% Oats / 20% Vetch

50kg/ha

Most Suitable for areas where Take All may be an issue.

Cover Green

60% Rye / 30% Vetch / 10% Mustard

40-50kg/ha

Rapid establishing mix for giving all round ground cover and nitrogen fixing.

Super Green

80% Oats / 15% Vetch / 5% Phacelia

50kg/ha

Weed suppression, nitrogen fixing and excellent biomass.

Soil Plus

70% Rye / 20% Vetch / 10% Oilseed Radish

40-50kg/ha

Deep rooting with nitrogen fixation for real soil improvement.



MaizeOn

70% Forage Rye / 15% Vetch

10% Tillage Radish / 5% Phacelia

40-50kg/ha

Ideal mixture for preparing the soil for a maize crop.

Pretato

80% Brown Mustard / 20% Tillage Radish

7-10kg/ha

Biofumigation crop ideal for using in front of a potato crop .



Special mixture options, including those with Black Oats , as well as straights are available. Please contact us or your local agent for more information.

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COVER CROPS STRAIGHTS



Spring Rye (EFA)
Weed suppressant, nitrogen lift & hold.

Spring Oats (EFA)
Weed suppressant, allelopathic, nitrogen lift & hold.

Black Oats (EFA)
Weed suppressant, allelopathic, nematode control, mycorrhizal, erosion control, quick cover.

Buckwheat (Non EFA)
Quick soil cover, weed suppressor, nectar for pollinators and beneficial insects, topsoil loosener, rejuvenator for low-fertility soils.

Linseed (Non EFA)
Attract beneficials and pollinators, deep rooted, organic matter, mycorrhizal.



White Mustard (EFA)
Weed suppressant, high glucosinilates giving biocidal effects against weeds and pests. Reduces BCN's.

Brown Mustard (EFA)
Weed suppressant, high glucosinilates giving biocidal effects against weeds and pests. Reduces BCN's. Fast establishing.

Mustard Ethiopian (EFA)
Weed suppressant, high glucosinilates giving biocidal effects against weeds and pests. Reduces BCN's.

Oil / Fodder Radish (EFA)
Soil conditioner, weed suppressant and reduces BCN's.

Phacelia (EFA)
Excellent disease break crop, insect attractant, hover flies eat aphids, breaks down quickly for C,P,K and Mg.



Vetch (EFA)
Excellent nitrogen fixer especially if drilled early, very compatible with rye and oats.

Stubble Turnip (Non EFA)
Nitrogen lift & hold, soil conditioner, but would need ploughing in prior to drilling.

Red Clover (Non EFA)
Great nitrogen fixer but needs to be drilled early.

Crimson Clover (Non EFA)
Rapid growing annual, deep tap root with some nitrogen fixing. Not frost hardy for good degradability.

Berseem Clover (Non EFA)
Allelopathic effect, attract beneficials and pollinators, weed suppressor, green manure, nitrogen fixation.

TREES AND HEDGEROWS

Hedgerows

At Horizon Seeds we work closely with a specialist tree nursery in North Yorkshire to supply top quality two year grown bare root stock, lifted and delivered during the dormancy period normally November-February. Spiral Guards, Canes, Ties etc. are all available. A minority of species are container grown or occasionally less than two years old. A full range of broad leaved species as well as conifers are available. **Please ask for your competitive quote.**

We are able to supply a price per metre for your required hedgerow selection along with canes and spirals as per your requirement.

Trees and shrubs are supplied as bare rooted stock available in different size stocks as follows:
30-40cm , 40-60cm, 60-90 cm and 90-120cm

A standard 100m hedgerow pack contains 600 plants in number and contains: Quickthorn, blackthorn, field maple, guilder rose, dog rose, hazel, holly and honeysuckle

**Trees and shrubs are delivered between
November and February**

BROADLEAVES

- Acer campestre (Field Maple)
- Acer pseudoplatanus (Sycamore)
- Aesculus hippocastanum (Horse Chestnut)
- Alnus cordata (Italian Alder)
- Alnus glutinosa (Common Alder)
- Betula pendula (Silver Birch)
- Betula pubescens (Downy Birch)
- Carpinus betulus (Hornbeam)
- Castanea sativa (Sweet Chestnut)
- Fagus sylvatica (Beech)
- Juglans regia (Common Walnut)
- Populus alba (White Poplar)
- Populus tremula (Aspen)
- Prunus avium (Wild Cherry)
- Prunus padus (Bird Cherry)
- Quercus petraea (Sessile Oak)
- Quercus robur (Common Oak)
- Quercus rubra (Red Oak)
- Salix caprea (Goat Willow)
- Salix cinerea (Grey Willow)
- Sorbus aria (Whitebeam)
- Sorbus aucuparia (Rowan)
- Tilia cordata (Small Leaved Lime)
- Tilia platyphyllos (Broad Leaved Lime)



HORIZON SEEDS

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TREES AND HEDGEROWS

CONIFERS

Picea abies (Norway Spruce)
Picea sitchensis (Sitka Spruce)
Pinus nigra maritima (Corsican Pine)
Pinus sylvestris (Scots Pine)
Taxus baccata (Yew)
Thuja plicata (Western Red Cedar)

HEDGING / SHRUBS

Acer campestre (Field Maple)
Cornus alba (Red Barked Dogwood)
Cornus sanguinea (Dogwood)
Corylus avellana (Hazel)
Cotoneaster franchetti (Cotoneaster)
Crataegus monogyna (Quickthorn)
Euonymus europaeus (Spindle Tree)
Ilex aquifolium (Holly)
Hippophae (Sea Buckthorn)
Ligustrum vulgare (Wild Privet)
Lonicera nitida (Wild Honeysuckle)
Lonicera periclymenum (Climbing Honeysuckle)
Malus sylvestris (Crab Apple)
Prunus Spinosa (Buckthorn)
Prunus Laurocerasus (Cherry Laurel)
Rhamnus cathartica (Common Buckthorn)

Rhamnus frangula (Alder Buckthorn)
Rosa canina (Dog Rose)
Rosa rugosa (Rhamanas Rose)
Sambucus nigra (Elderberry)
Symphoricarpos albus (Snowberry)
Viburnum lantana (Wayfaring Tree)
Viburnum opulus (Guelder Rose)
Ulex europaeus (Gorse)

SUNDRIES

Bamboo canes (90cm)
Bamboo canes (120cm)
Buckle ties
Chain ties
Nylon ties (Releasable)
Spiral shelter (clear)
Stake (25mm x 25mm)
Stake (32mm x 32mm)
Continental Fine mesh tree guard
Tree Guard - Preformed mesh
Tree shelter (Green)
Shrub shelters
Mesh rolls



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HORIZON

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