



AGRI-ENVIRONMENTAL, GREENING & GAME COVER GUIDE



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INTRODUCTION

Welcome to our Agri-environmental Catalogue, which brings together a range of options and potential solutions for schemes in England, Scotland and Wales. We felt that our existing Castle Catalogue for Grass and Forage Mixtures was no longer able to give sufficient focus or detail to what has become an increasingly complex landscape to navigate.

There is a clear common thread running through Countryside Stewardship and the Sustainable Farming Incentive in England, the Welsh Glastir replacement Sustainable Farming Scheme, and the Scottish Agricultural Reform route map and new EFA requirements. All aspire to become global leaders in sustainable and regenerative agriculture. Each is focused on four core objectives:

1. Measures that maximise soil function and organic matter to sustain productivity.
2. Reducing greenhouse gas emissions and carbon footprints.
3. Maintaining water and air quality.
4. Supporting biodiversity both in and above the soil.

Watson Seeds deals exclusively in seeds and knowledge based solutions that optimise performance and profitability within our customers' farming systems.

We do not sell chemical fertilisers, agrochemicals or pesticides, soil mapping packages, or short term remedies. Our traditional customers are mixed farmers combining livestock and cropping systems, with the balance determined by land and soil type, topography, altitude and climate. Well

managed mixed rotational farms that integrate livestock into their systems remain our core customers, and we understand the experience, knowledge and history on which these farms are built. Regenerative agriculture may be the latest policy language, but our understanding of both history and our customers' practical requirements goes far beyond a slogan. We can advise and support you in tailoring mixtures and straights that deliver real results for your farming locality and your individual scheme requirements.

We hope you find this catalogue a useful source of information. Please get in touch with one of our seed specialists if you require any assistance.



Pat Lambert

Pat Lambert

DISCLAIMER: Any information provided in this catalogue is given in good faith and to the best of our existing knowledge. No liability will be accepted for any actions taken by growers as a result of this information. Scheme rules may change and it is the growers responsibility to ensure that mixtures or species chosen meet the requirements of their individual scheme. We make every effort to provide and supply products as stated, however availability may vary subject to season and demand.



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COVER CROPPING

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BPS Scotland - Greening

Ecological Focus Area (EFA) Mixtures



EFA	Suitable Mixture	Page
EFA Fallow Land (EFAL) EFA Fallow is land that has no crop production or grazing from 15th January to the 15 July inclusive. It must be a diverse mix of temporary grassland, wildflower mixture, wild bird seed mixture or soil conditioning crop.	Grass & Legume Fallow	9
	Grass & Legume Fallow Overseeding	9
	Wild Flower Fallow	10
	Legume Fallow 1 Mixture	10
	Kale 1	11
	Rape 1	11
	Hybrid 1	11
	Winter Bird Food	31
	Phacelia (for soil conditioner)	33
	White Mustard (for soil conditioner)	34
EFA Margins (EFAM) Margins provide an important habitat for farmland biodiversity, contribute to wildlife and ecological networks and benefit water quality from 1 January to 31 December inclusive.	Species Rich Basic	12
	Species Rich Diverse	12
	Mat Forming + Herbs	24
	Any Wild Bird Mixture	29-30
EFA Catch Crops (EFACC) The only catch crop you can grow will be a cereal nurse crop with under sown grass as the catch crop. A catch crop will provide an enhancement to biodiversity and prevent soil erosion.	Italian Blend	37
EFA Green Cover (EFAGC) Green cover is the establishment of a temporary crop in the autumn that will provide an enhancement to biodiversity, improve soil structure and will prevent soil erosion.	Rape 1 Mixture	11
	Green Cover 1	37
	Green Cover 2 - PCN Biofumigation	37
EFA Nitrogen Fixing Crops (EFA-NFIX) These are plants that contain symbiotic bacteria called rhizobia within the nodules of their root systems, producing nitrogen compounds that help the plant to grow and compete with other plants.	Nitrogen Fixer (Complete) Nitrogen Fixer also available without peas (see our website for these mixtures)	
EFA Herb & Legume Rich Pasture (EFAHLRP) Attain and maintain species diversity in existing rotational grass swards by overseeding or reseeding with diverse species grass mixture.	Basic Herbal Ley 1	15
	Basic Herbal Ley 2	16
	Herbal Ley Diverse Mixture	16
	Herbal Ley Basic Rejuvenation	17
	Herbal Ley Basic Rejuvenation (no chicory)	17
	Herbal Ley Basic Grass Rejuvenation	17
	Herbal Ley Diverse Grass Overseeding	18
Herbal Ley Diverse Rejuvenation	18	

Scottish Rural Development Agri-Environmental Climate Scheme (AECS)



Option	Suitable Mixture	Page
<p>Wild Bird Seed for Farmland Birds</p> <p>Each spring, you must create and manage a crop with a seed mixture which must include at least three small seed-bearing crops to include both a cereal and an oil-rich crop (e.g. oats, triticale, barley, quinoa, linseed, millet, mustard, fodder radish).</p>	<p>Wild Bird Seed 1 Year</p> <p>Kale 1</p> <p>Kale 2</p>	<p>29</p> <p>30</p> <p>30</p>
<p>Creation of Beetlebanks</p> <p>It will benefit valuable insects, such as beetles, spiders and bumblebees, by providing tussocky, grassy strips for them to overwinter within large arable fields. This will in turn help control crop pests and aid pollination.</p>	<p>Beetlebank 1 Mixture</p>	<p>25</p>
<p>Creation of Water Margins</p> <p>To be used for water margins immediately adjacent to still or running water, including ditches which may be dry for part of the year. It will benefit a variety of wildlife and help improve water quality by preventing soil erosion and intercepting water run-off.</p>	<p>Mat Forming + Herbs</p>	<p>24</p>
<p>Creation of Grass Strips</p> <p>It will benefit a variety of wildlife and help improve water quality by preventing soil erosion and intercepting water run-off. It will help to improve soil structure and connect habitats.</p>	<p>Mat Forming + Herbs</p>	<p>24</p>
<p>Creation of Species Rich Grassland</p> <p>You must sow the area with a wildflower meadow mix to establish a new sward. The mix must include at least 15 percent by weight of mixed Scottish native flowers.</p>	<p>Species Rich Basic</p> <p>Species Rich Diverse</p>	<p>12</p> <p>12</p>
<p>Stubbles followed by Green Manure in an Arable Rotation</p> <p>After harvest, retain the stubble overwinter and then establish a green manure crop (such as forage rye, chicory, mustard or legumes) from 1 March the following spring. The seed mix must include at least one annual flowering plant (e.g. vetch, clover or phacelia).</p>	<p>Green Manure 2</p> <p>Green Manure 3</p> <p>Soil Improver</p> <p>Soil Improver (no brassica)</p>	<p>35</p> <p>35</p> <p>36</p> <p>36</p>
<p>Forage Brassicas for Farmland Birds</p> <p>Each year, establish a forage brassica crop.</p>	<p>Kale 1</p> <p>Kale 2</p>	<p>30</p> <p>30</p>

Countryside Stewardship



Code	Option	Suitable Mixture	Page
AB1	Nectar flower mix	Bee Mixture	13
AB2	Basic overwintered stubble	Brown Mustard	39
		Fodder Radish	40
AB3	Beetle banks	Beetlebank 2 Mixture	26
AB7	Wholecrop cereals	Brown Mustard	39
		Fodder Radish	40
AB8	Flower rich margins and plots	Flower Rich Margin	13 & 26
AB9	Winter bird food	Winter Bird Food	31
		Winter Bird Food 2	31
AB15	Two year sown legume fallow	Wild Flower Fallow	10
		Legume Fallow Mix	10
AB16	Autumn sown bumblebird	Bumblebird	31
GS3	Ryegrass set-seed as winter food for birds	Saltire 2 Mixture	27
GS4	Legume and herb rich swards	Herbal Ley Diverse Mixture	16
GS7	Restoration towards species rich grassland	Legume & Herb Overseeding	14
GS8	Creation of species rich grassland	Species Rich Basic	12
		Species Rich Diverse	12
GS11	Creation of wet grassland for breeding waders	Wetland Mixture	27
GS12	Creation of wet grassland for wintering waders and wildfowl	Wetland Mixture	27
GS14	Creation of grassland for target features	Species Rich Diverse	12
SW3	In-field grass strips	Habitat Strips	25
SW4	12-24m watercourse buffer strip on cultivated land	Habitat Strips	25
SW6	Winter cover crops	Phacelia	33
		Ryegrass	42
		Tillage Radish	42
		Vetch (common)	42
		White Mustard	43
SW8	Management of intensive grassland adjacent to a watercourse	Intensive Grassland Mixture	27

Sustainable Farming Incentive (SFI)



Code	Option	Suitable Mixture	Page
CAHL1/ AHL1	Pollen and nectar flower mixture	Bee Mixture	13
CAHL2/ AHL2	Winter bird food on arable and horticultural land	Winter Bird Food Winter Bird Food 2 Bumblebird	31 31 31
CAHL3/ AHL3	Grassy field corners or blocks	Basic Margin Mixture	24
CAHL4/ AHL4	4m to 12m grass buffer strip on arable and horticultural land	Basic Margin Mixture Beetlebank 1 Mixture	24 25
CIGL3/ IGL3	4m to 12m grass buffer on improved grassland	Basic Margin Mixture Beetlebank 1 Mixture	24 25
CIPM2/ IPM2	Flower rich grass margins, blocks, or in-field strips	Flower Rich Margin	13 & 26
CIMP3/ IMP3	Companion cropping	Companion Crop 1 Companion Crop 2	38 38
CNUM2/ NUM2	Legumes on improved grassland	Clover Mixture Clover Rejuvenation Mixture Alsike Clover Birdsfoot Trefoil Lucerne Red Clover Sainfoin White Clover	19 19 20 20 21 22 22 23
CNUM3/ NUM3	Legume fallow	Wild Flower Fallow Legume Fallow 1 Mixture Legume & Grass Mixture	10 10 14
CSAM1/ SAM1	Assess soil, produce a soil management plan and test soil organic matter	N/A	N/A
CSAM2/ SAM2	Multi-species winter cover crops	Complex Cover Crop Mix of two or more species from the families of brassicas, legume, grass or cereal, herbs	38
CSAM3	Herbal Leys	Basic Herbal Ley 1 Mixture Basic Herbal Ley 2 Mixture Herbal Ley Diverse Mixture Herbal Ley Basic Rejuvenation Herbal Ley Basic Rejuvenation (no chicory) Herbal Ley Basic Grass Rejuvenation Herbal Ley Diverse Grass Overseeding Herbal Ley Diverse Rejuvenation	15 16 16 17 17 17 18 18



FALLOW

MIXTURES

Grass & Legume Fallow

A late heading mixture designed to retain its quality after the fallow period has ended. The inclusion of legumes provides a valuable natural nitrogen source while also enhancing soil health, supporting strong regrowth, and maintaining sward productivity into the following season.

SCHEME

 EFA Fallow Land (EFAFAL)

Sowing rate: 35kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE	%	
Late PRG (D)	61.4	89.7
Late PRG (T)	28.3	
Alsike Clover	2.5	10.3
Birdsfoot Trefoil	1.8	
Rotational Clover Blend	6.0	

Grass & Legume Fallow Overseeding

A low input overseeding blend formulated to boost clover content, improve soil fertility and refresh existing swards during fallow periods.

SCHEME

 EFA Fallow Land (EFAFAL)

Sowing rate: 3kgs/ha

Term: 2-3 years

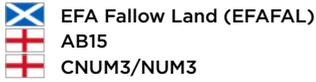
Pack size: 10 & 20kgs

TYPE	%	
Birdsfoot Trefoil	20.0	100.0
Red Clover	40.0	
Rotational Clover Blend	40.0	

Wild Flower Fallow

An ideal mixture for an annual rotational break, providing an abundance of pollen and nectar to support insects and farmland birds. This mix also delivers excellent ground cover, helping to protect soil structure while contributing valuable organic matter back into the rotation.

SCHEME



TYPE	%
Alsike Clover	8.0
Birdsfoot Trefoil	7.0
Vetch (common)	70.0
Red Clover	15.0

Sowing rate: 20kgs/ha

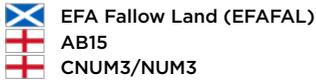
Term: 1 year

Pack size: 10kgs

Legume Fallow 1 Mixture

A short term legume rich mixture designed to fix nitrogen, improve soil fertility, and provide flowering cover during the fallow period. The combination of clovers, lucerne, vetch, and birdsfoot trefoil delivers strong ground cover, supports pollinators, and helps build soil organic matter while contributing valuable nitrogen back into the rotation.

SCHEME



TYPE	%
Alsike Clover	8.0
Birdsfoot Trefoil	2.0
Vetch (common)	50.0
Lucerne	15.0
Red Clover	15.0
Crimson Clover	10.0

Sowing rate: 20kgs/ha

Term: 2 years

Pack size: 10kgs



Kale 1

A carefully balanced combination of full season forage crops formulated to deliver high yield potential alongside excellent winter hardiness. Best sown from May through to early June to maximise dry matter production. Produces a high quality forage that is particularly well suited to the finishing of lambs.

SCHEME

 EFA Fallow Land (EFAFAL)

Sowing rate: 6.25kgs/ha

Term: 1 years

Pack size: 5 & 10kgs

TYPE	%
Maris Kestrel Kale	60.0
Keeper Kale	
Gorilla Forage Rape	32.0
Massif Turnip	8.0

Rape 1

A high proportion of forage rape promotes fast establishment and early growth, while the inclusion of stubble turnip provides a valuable energy source. Can be ready for grazing in as little as 12 weeks under favourable conditions. Less winter hardy than some alternatives and therefore best utilised before Christmas.

SCHEME

 EFA Fallow Land (EFAFAL)
EFA Green Cover (EFAGC)

Sowing rate: 10kgs/ha

Term: 1 years

Pack size: 5 & 10kgs

TYPE	%
Gorilla Forage Rape	87.5
Samson Stubble Turnip	12.5

Hybrid 1

A mix of rape kale hybrid, forage rape and main crop turnip. Similar in composition to Kale 1 but with greater flexibility, allowing later sowing. Suitable for sowing in July and provides grazing opportunities both before and after Christmas.

SCHEME

 EFA Fallow Land (EFAFAL)

Sowing rate: 6.25kgs/ha

Term: 1 years

Pack size: 5 & 10kgs

TYPE	%
Redstart Rape/Kale Hybrid	60.0
Swift Rape/Kale Hybrid	
Gorilla Forage Rape	32.0
Massif Turnip	8.0





NECTAR RICH

MIXTURES

Species Rich Basic

A mixture containing 15% native Scottish flowers alongside sympathetic grass species, designed to recreate and enhance species rich grassland. This blend supports biodiversity, encourages pollinators, and helps establish a more natural and resilient sward.

SCHEME

-  **Creation of Species Rich Grassland**
-  **EFA Margins (EFAM)**
-  **GS8**

Sowing rate: 20kgs/ha
Term: 5+ years
Pack size: 10kgs

TYPE		%
Meadow Fescue	15.0	85.0
Creeping Red Fescue	40.0	
Chewings Fescue	20.0	
Smooth Stalked Meadow Grass	5.0	
Browntop Bent	5.0	
Knapweed	1.0	15.0
Wild Carrot	2.0	
Yarrow	5.0	
Native Red Clover	4.0	
Plantain	3.0	

Species Rich Diverse

A mixture containing 15% native Scottish flowers of a more diverse range, combined with sympathetic grass species to create a varied and species rich grassland habitat. This blend encourages a wide spectrum of wildlife, supports pollinators, and delivers a visually diverse and resilient sward.

SCHEME

-  **Creation of Species Rich Grassland**
-  **EFA Margins (EFAM)**
-  **GS8**
-  **GS14**

Sowing rate: 20kgs/ha
Term: 5+ years
Pack size: 10kgs

TYPE		%
Meadow Fescue	15.0	85.0
Creeping Red Fescue	40.0	
Chewings Fescue	20.0	
Smooth Stalked Meadow Grass	5.0	
Browntop Bent	5.0	
Knapweed	1.5	15.0
Wild Carrot	1.0	
Yarrow	2.0	
Native Red Clover	3.0	
Plantain	3.0	
Birdsfoot Trefoil	3.0	
Self Heal	1.0	
Sheeps Sorrel	0.5	

Bee Mixture

A pollen and nectar rich mixture designed to provide long flowering season for pollinators, while also delivering soil and fertility benefits through its high clover content.

SCHEME

-  **AB1**
-  **CAHL1/AHL1**

Sowing rate: 20kgs/ha

Term: 5+ years

Pack size: 10kgs

TYPE	%
Alsike Clover	10.0
Birdsfoot Trefoil	10.0
Black Medick	5.0
Vetch (common)	40.0
Early Flowering Red Clover	10.0
Late Flowering Red Clover	10.0
Lucerne	5.0
Yellow Blossom Sweet Clover	5.0
Knapweed	1.5
Musk Mallow	1.0
Oxeye Daisy	1.0
Wild Carrot	1.0
Yarrow	0.5

Flower Rich Margin

A flower rich grass margin formulated to create a long term habitat for invertebrates, while providing a durable grass base for structure and traffic tolerance. This mixture supports biodiversity, enhances field margins, and maintains a resilient sward under regular use.

SCHEME

-  **AB8**
-  **CIPM2/IPM2**

Sowing rate: 20kgs/ha

Term: 5+ years

Pack size: 10kgs

TYPE	%
Strong Creeping Red Fescue	40.0
Chewings Fescue	25.0
Hard Fescue	15.0
Smooth Stalked Meadow Grass	10.0
Red Clover	2.0
Vetch (common)	2.0
Birdsfoot Trefoil	0.5
Plantain	0.2
Yarrow	1.0
Wild Carrot	0.4
Oxeye Daisy	0.4
Knapweed	0.5
Self Heal	2.0
Sainfoin	1.0





HERB & LEGUME

MIXTURES

Legume & Grass Mixture

Formulated to combine productive grasses with beneficial legumes, delivering improved ground cover, better soil structure, and natural nitrogen fixation. This mix supports sward resilience, enhances forage quality, and helps maintain long term productivity.

SCHEME

 CNUM3/NUM3

Sowing rate: 20kgs/ha

Term: 2 years

Pack size: 10 & 20kgs

TYPE	%
Timothy	31.0
Cocksfoot	12.5
Red Clover	19.0
Alsike Clover	8.8
Birdsfoot Trefoil	7.5
Winter Vetch	18.7
Yarrow	1.3
Oxeye Daisy	1.2

Legume & Herb Overseeding

Suitable for rejuvenating multispecies grass swards where legumes and herbs have not persisted. Designed to reintroduce key species, improving sward diversity, boosting forage quality, and supporting better soil health and resilience.

SCHEME

 GS7

Sowing rate: 10kgs/ha

Term: 3-5 years

Pack size: 10kgs

TYPE	%
Red Clover	40.0
Alsike Clover	10.0
Yellow Blossom Sweet Clover	8.75
Birdsfoot Trefoil	6.25
Burnet	10.0
Sheeps Parsley	2.5
Chicory	11.25
Plantain	8.75
Yarrow	2.5



HERBAL LEY MIXTURES

Provide a vigorous sward, with abundant legumes and herbs, to provide habitat and food for a variety of insects and wildlife, and to improve soil structure and water infiltration. They are suitable for productive cattle and sheep. Proven to provide a hardy, long grazing season for livestock with multiple legume species to fix nitrogen. Includes flowering species, to provide beneficial pollinators feed and shelter. Deep penetrating roots will improve soil structure and have the ability to make the best use of the available soil nutrients, moisture and minerals.

Herb and clover leys are designed to bring a range of benefits to livestock health, soil health and soil fertility.

Key benefits of herb blends

- Nitrogen fixing potential.
- The natural anthelmintic properties of chicory can reduce the need for worming treatments in lambs, improving liveweight gain and shortening finishing time.
- Use of deep rooted species stabilises light soils helping to reduce erosion and run off as well as providing drought tolerant solutions for lower rainfall areas.
- Improved soil quality for water and nutrient retention/flow.
- Increase of trace element diversity in the diet.
- Increased species diversity provides habitat and food sources for more varied insect life.

Basic Herbal Ley 1

A simple and productive herbal mixture based around perennial ryegrass. It combines the productivity of the ryegrass with the boost in livestock performance, soil structure and increased biological activity that the herbs bring.

SCHEME



EFA Herb and Legume Rich Pasture
CSAM3

Sowing rate: 35kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE		%	
Intermediate PRG (D)		19.0	84.64
Intermediate PRG (T)		6.0	
Late PRG (D)		17.0	
Late PRG (T)		35.5	
Timothy		7.14	10.71
Alsike Clover		3.57	
Permanent Clover Blend		7.14	
Chicory		2.86	4.65
Plantain		1.79	

Basic Herbal Ley 2

A simple and productive herbal mixture based around perennial ryegrass. It combines the productivity of the ryegrass with the boost in livestock performance, soil structure and increased biological activity that the herbs bring.

SCHEME

 EFA Herb and Legume Rich Pasture
 CSAM3

Sowing rate: 35kgs/ha
Term: 5+ years
Pack size: 10 & 20kgs

TYPE	%	
Intermediate PRG (D)	25.26	86.44
Late PRG (D)	17.3	
Late PRG (T)	20.5	
Cocksfoot	7.14	
Timothy	7.14	
Smooth Stalked Meadow Grass	2.4	
Creeping Red Fescue	6.7	9.28
Alsike Clover	3.57	
Permanent Clover Blend	5.71	
Chicory	2.5	4.28
Plantain	1.78	

Herbal Ley Diverse

Provides a vigorous sward with abundant legumes and herbs, delivering valuable habitat and food for a wide range of insects and wildlife. This mixture also helps improve soil structure and enhances water infiltration, supporting healthier and more resilient soils.

SCHEME

 EFA Herb and Legume Rich Pasture
 CSAM3
 GS4

Sowing rate: 35kgs/ha
Term: 5+ years
Pack size: 10 & 20kgs

TYPE	%	
Late PRG (D)	25.0	69.0
Late PRG (T)	25.0	
Cocksfoot	5.0	
Timothy	5.0	
Meadow Fescue	6.0	
Tall Fescue	3.0	
Red Clover	18.0	23.0
Birdsfoot Trefoil	1.0	
Alsike Clover	3.0	
Yellow Blossom Sweet Clover	1.0	8.0
Burnet	1.5	
Sheeps Parsley	1.0	
Chicory	2.5	
Yarrow	1.0	
Plantain	2.0	



Herbal Ley Basic Rejuvenation

A straightforward rejuvenation mixture designed to give your existing sward a new lease of life. Carefully selected species help improve vigour, boost productivity, and enhance overall sward quality for long term performance.

SCHEME

 EFA Herb and Legume Rich Pasture
 CSAM3

Sowing rate: 5kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE	%	
Alsike Clover	25.0	60.0
Permanent Clover Blend	35.0	
Chicory	20.0	40.0
Plantain	15.0	
Yarrow	5.0	

Herbal Ley Basic Rejuvenation (no chicory)

A straightforward rejuvenation mixture formulated to give your existing sward a new lease of life. Carefully selected species help improve vigour, boost productivity, and enhance overall sward quality for long term performance.

SCHEME

 EFA Herb and Legume Rich Pasture
 CSAM3

Sowing rate: 4kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE	%	
Alsike Clover	31.25	75.0
Permanent Clover Blend	43.75	
Plantain	18.75	25.0
Yarrow	6.25	

Herbal Ley Basic Grass Rejuvenation

A carefully balanced combination of grasses, legumes, and herbs designed to put new life into tired swards. Vigorous, highly palatable tetraploid ryegrasses establish quickly within existing swards, delivering rapid improvement in productivity. The reintroduction of white and alsike clover provides a valuable natural nitrogen source, while the included herbs are well suited to both cutting and grazing regimes. Together, these species create a resilient, productive, and high quality sward.

SCHEME

 EFA Herb and Legume Rich Pasture
 CSAM3

Sowing rate: 25kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE	%	
Intermediate PRG (T)	25.8	86.6
Late PRG (T)	60.8	
Alsike Clover	3.6	10.7
Permanent Clover Blend	7.1	
Plantain	2.0	2.7
Yarrow	0.7	

Herbal Ley Diverse Grass Overseeding

A carefully balanced combination of grasses, legumes, and herbs designed to put new life into a tired sward. The selected species work together to extend the grazing season, improve palatability, and provide a more diverse and nutritious feed. This mix supports stronger regrowth, better animal performance, and enhanced sward resilience throughout the year.

SCHEME

 EFA Herb and Legume Rich Pasture
 CSAM3

Sowing rate: 25-30kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE	%	
Intermediate PRG (T)	15.0	71.0
Late PRG (T)	33.4	
Cocksfoot	6.0	
Timothy	6.0	
Meadow Fescue	7.0	
Tall Fescue	3.6	
Alsike Clover	3.6	18.6
Permanent Clover Blend	5.0	
Red Clover	10.0	
Burnet	2.4	10.4
Sheeps Parsley	1.0	
Chicory	3.6	
Plantain	2.4	
Yarrow	1.0	

Herbal Ley Diverse Rejuvenation

A full rejuvenation mixture of legumes and herbs formulated to boost the productivity of your pasture. Selected species work together to improve sward vigour, enhance forage quality, and support long term performance under both grazing and cutting systems.

SCHEME

 EFA Herb and Legume Rich Pasture
 CSAM3

Sowing rate: 10kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE	%	
Alsike Clover	10.0	70.0
Birdsfoot Trefoil	7.5	
Permanent Clover Blend	15.0	
Red Clover	30.0	
Yellow Blossom Sweet Clover	7.5	30.0
Burnet	7.5	
Sheeps Parsley	2.5	
Chicory	10.0	
Plantain	7.5	
Yarrow	2.5	



Clover Mixture

A great blend of clover species intended to give your pasture renewed vigour. This mixture improves ground cover, boosts natural nitrogen fixation, and enhances forage quality for stronger, more productive swards.

SCHEME

 CNUM2/NUM2

TYPE	%
Alsike Clover	25.0
Permanent Clover Blend	75.0

Sowing rate: 4kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

Clover Rejuvenation Mixture

A tried and tested clover and tetraploid perennial ryegrass productivity transfusion. This proven combination delivers rapid establishment, improved palatability, and a significant lift in yield, helping to revitalise swards and maximise forage performance.

SCHEME

 CNUM2/NUM2

TYPE	%	
Intermediate PRG (T)	29.17	83.33
Late PRG (T)	54.16	
Alsike Clover	4.17	16.67
Permanent Clover Blend	12.5	

Sowing rate: 24kgs/ha

Term: 5 years

Pack size: 10 & 20kgs





HERB & LEGUME

STRAIGHTS

Alsike Clover



A shorter term but still useful clover as it does well on heavier, acidic soils. Can be one of the slowest clovers to flower in the spring. A smaller clover seed so inclusion rates should be conservative.

Sowing rate: 15kgs/ha
Term: 2-3 years
Pack size: 5kgs

Balansa Clover



Very tall and vigorous clover. It has a hollow stem growing 3-6ft tall. Frost hardy with deep taproots and will fix up to 120kg N/ha.

Sowing rate: 10kgs/ha
Term: 1 year
Pack size: 5kgs

Berseem Clover



It is an extremely fast growing legume that is sown primarily as a green manure but has also been used for haylage and grazing. It fixes large amounts of nitrogen quickly and provides a good biomass.

Sowing rate: 15kgs/ha
Term: 1 year
Pack size: 5kgs

Birdsfoot Trefoil



A high protein yellow flowered legume often included to add diversity to herbal ley mixtures. It is a low growing perennial and pollinating insects flock to it as a source of nectar. Not as persistent and less aggressive than white clover.

Sowing rate: 12.5kgs/ha
Term: 4 years
Pack size: 5kgs

Black Medick



Low growing yellow flowered legume also known as yellow trefoil. A short lived hairy perennial with a prostrate habit, it flowers from May to October and is highly attractive to pollinators. Useful as a companion crop, it improves soil structure and acts as a living mulch to suppress weeds.

Sowing rate: 10kgs/ha
Term: 1 year
Pack size: 5kgs

Burnet



A valuable and reliable component of multispecies leys. It, like other herbs, will benefit from being rotationally grazed and will provide trace elements from deeper within the soil profile and quality grazing.

Sowing rate: 22kgs/ha
Term: 5+ years
Pack size: 5kgs

Chicory



A very useful, strong growing herb that provides high protein feed. Anthelmintic properties to aid animal health, drought tolerant and a good soil improver with extensive rooting system.

Sowing rate: 5kgs/ha
Term: 4 years
Pack size: 5kgs

Crimson Clover



A rapidly establishing annual clover which is ideal for soil improvement and cover. It produces a long, red, nectar rich flower which is particularly attractive to bees. It will quickly fix nitrogen in the sowing year and provide a large biomass to be reincorporated.

Sowing rate: 15kgs/ha
Term: 1 year
Pack size: 5kgs

Hairy (Winter) Vetch



Similar to common vetch but more winter hardy. A high protein N fixing legume.

Sowing rate: 50kgs/ha
Term: 1 year
Pack size: 25kgs

Lucerne



Also known as Alfalfa, this plant once established can produce large quantities of high protein feed. It has a deep root system which means it can cope even in drought conditions. Being a legume the large dry matter yield is produced with no bagged nitrogen.

Sowing rate: 37kgs/ha
Term: 4 years
Pack size: 25kgs

Red Clover



In contrast to white clover, red clover has an upright growth habit and a strong deep tap root from which finer roots arise. Its main use is in a silage production although it is a useful component in grazing mixtures with its drought tolerance particularly if managed on a rotational basis.

Sowing rate: 12.5kgs/ha
Term: 3-4 years
Pack size: 5kgs

Ribwort Plantain



It is a perennial herb that has the potential to provide a long term component of the sward if carefully managed. Drought tolerant and a good soil improver with extensive rooting system.

Sowing rate: 10kgs/ha
Term: 5+ years
Pack size: 5kgs

Sainfoin



It is a perennial legume that is suited to thin chalk and limestone soils typically found in the South Downs and the Cotswolds. It can be difficult to establish in the northern part of the country and can be slow to get going. It produces a large pink flower that is attractive to pollinators. It is a natural wormer as it disrupts the worm life cycle.

Sowing rate: 85kgs/ha
Term: 4 years
Pack size: 25kgs

Sheeps Parsley



A forage herb that is high in nutrients and minerals. Normally accompanies other herbs in a mixture to increase species diversity. Its Latin name, *Petroselinum crispum*, identifies the merits of this species. Needs to be rotationally grazed and given rest and recovery for persistency.

Sowing rate: 10kgs/ha
Term: 4 years
Pack size: 1kg



Sweet Clover



Also known as yellow blossom clover. This plant is a biennial legume mostly used for green cover or to improve diversity in species rich leys. Deep tap root is beneficial to soil improvement.

Sowing rate: 15kgs/ha
Term: 2 years
Pack size: 5kgs

Vetch (Common)



Common vetch is a popular legume. It is an aggressive plant that produces good yields of high protein forage in wholecrop mixtures. Also very useful as a soil improver and green cover.

Sowing rate: 87.5kgs/ha
Term: 1 year
Pack size: 25kgs

White Clover



White clover is a valuable and versatile legume widely used in the UK. The key to white clover's survival and productivity is its multi-branched creeping stem, called a stolon which provides sites for new leaves, roots and flowers. The stolon stores carbohydrates and proteins meaning that the plant can overwinter and regenerate in the spring.

Sowing rate: 10kgs/ha
Term: 5 years
Pack size: 5kgs

Yarrow



A forage herb that is high in nutrients and minerals. It normally establishes quite easily and persists given the correct management. It has good drought tolerance and palatability. Normally accompanies other herbs in a mixture to increase species diversity.

Sowing rate: 2.5kg/ha
Term: 5+ years
Pack size: 1kgs





BUFFER/MARGIN

MIXTURES

Basic Margin Mixture

A low maintenance, low growing basic grass strip mixture. A blend intended to provide tidy, reliable ground cover with minimal input, this blend is ideal for field margins and buffer strips where ease of management and long term performance are key.

SCHEME

-  CAHL3, AHL3
-  CAHL4, AHL4
-  CIGL3, IGL3

Sowing rate: 20kgs/ha

Term: 7+ years

Pack size: 10 & 20kgs

TYPE	%
Creeping Red Fescue	50.0
Smooth Stalked Meadow Grass	10.0
Timothy	15.0
Sheeps Fescue	6.0
Meadow Fescue	15.0
Highland Bent	4.0

Mat Forming + Herbs

Provides increased diversity to support insects, pollinators, and invertebrates. This richer habitat encourages a wider range of species, helping to strengthen local biodiversity and ecological balance.

SCHEME

-  EFA Margins
-  Creation of Water Margins
-  Creation of Grass Strips

Sowing rate: 20kgs/ha

Term: 7+ years

Pack size: 10 & 20kgs

TYPE	%
Hard Fescue	8.0
Sheeps Fescue	17.0
Smooth Stalked Meadow Grass	12.0
Timothy	6.0
Cocksfoot	5.0
Meadow Fescue	14.0
Highland Bent	4.0
Creeping Red Fescue	17.0
Red Clover	9.0
Birdsfoot Trefoil	3.0
Plantain	4.0
Yarrow	1.0

Beetlebank 1 Mixture

A mixture designed to create valuable wildlife habitats within farming environments. It supports a wide range of species, enhancing biodiversity while fitting seamlessly into productive farm systems.

SCHEME



Creation of Beetle Banks



CAHL4, AHL4



CIGL3, IGL3

Sowing rate: 30kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE	%
Cocksfoot	20.0
Timothy	10.0
Creeping Red Fescue	69.0
Yarrow	1.0

Habitat Strips

An excellent and diverse range of grass species selected to provide strong density and ground cover, creating ideal habitat for insects and invertebrates. This mixture supports shelter, movement, and breeding opportunities, helping to enhance on farm biodiversity.

SCHEME



SW3



SW4

Sowing rate: 22kgs/ha

Term: 5+ years

Pack size: 10 & 20kgs

TYPE	%
Hard Fescue	9.0
Tall Fescue	18.0
Smooth Stalked Meadow Grass	13.5
Timothy	7.5
Cocksfoot	4.5
Meadow Fescue	15.0
Highland Bent	4.5
Creeping Red Fescue	18.0
Red Clover	10.0



Flower Rich Margin

A flower rich grass margin designed to create long term habitat for invertebrates, while providing a durable grass base for structure and traffic tolerance. This mixture supports biodiversity, enhances field margins, and maintains a resilient sward under regular use.

SCHEME

 **AB8**
 **CIPM2/IMP2**

Sowing rate: 20kgs/ha

Term: 5+ years

Pack size: 10kgs

TYPE	%	
Strong Creeping Red Fescue	40.0	90.0
Chewings Fescue	25.0	
Hard Fescue	15.0	
Smooth Stalked Meadow Grass	10.0	
Red Clover	2.0	10.0
Vetch (common)	2.0	
Birdsfoot Trefoil	0.5	
Plantain	0.2	
Yarrow	1.0	
Wild Carrot	0.4	
Oxeye Daisy	0.4	
Knapweed	0.5	
Self Heal	2.0	
Sainfoin	1.0	

Beetlebank 2 Mixture

It provides valuable nesting and foraging habitats for pollinators, small mammals, farmland birds, and beneficial insects, helping to support a healthy and diverse on farm ecosystem.

SCHEME

 **AB3**

Sowing rate: 20kgs/ha

Term: 7+ years

Pack size: 10kgs

TYPE	%	
Creeping Red Fescue	50.0	
Cocksfoot	20.0	
Timothy	10.0	
Tall Fescue	20.0	



Intensive Grassland Mixture

A multispecies grass mixture enhanced with added white and red clover. Formulated to improve sward diversity, boost natural nitrogen fixation, and deliver stronger ground cover, this blend supports improved forage quality and long term pasture performance.

SCHEME

 **SW8**

Sowing rate: 35kgs/ha

Term: 7+ years

Pack size: 10 & 20kgs

TYPE	%
Intermediate PRG (D)	20.0
Intermediate PRG (T)	
Late PRG (D)	35.0
Late PRG (T)	
Timothy	10.0
Meadow Fescue	7.5
Cocksfoot	10.0
Creeping Red Fescue	10.0
Sheeps Fescue	2.0
Permanent Clover Blend	4.0
Red Clover	1.5

Saltire 2 Mixture

A leafy, mainly cutting, two year mix designed to deliver high quality forage.

SCHEME

 **GS3**

Sowing rate: 35kgs/ha

Term: 2 years

Pack size: 14kgs

TYPE	%
Italian Ryegrass (D)	34.3
Italian Ryegrass (T)	
Hybrid Ryegrass	35.0
Intermediate PRG (T)	26.4
Rotational Clover Blend	4.3

Wetland Mixture

Provides good, dense ground cover with the inclusion of white clover to help withstand waterlogging and pugging. This mix maintains sward integrity under challenging conditions, supporting resilience and continued productivity.

SCHEME

 **GS11**
 **GS12**

Sowing rate: 35kgs/ha

Term: 7+ years

Pack size: 10 & 20kgs

TYPE	%
Late PRG (D)	50.0
Smooth Stalked Meadow Grass	4.6
Timothy	12.7
Creeping Red Fescue	11.3
Tall Fescue	7.1
Meadow Fescue	10.7
Permanent White Clover Blend	3.6

WILDFLOWER

STRAIGHTS

Field Scabious



A tall spindly blue/pink flowering plant. Prefers drier, free draining sites.

Lady's Bedstraw



A short yellow flowering plant that spreads through stoloniferous growth. The dried plant produces a soft, sweet smelling hay that was apparently used for filling bedding.

Lesser Knapweed



A common tall, purple flowering plant abundant throughout most unmanaged grasslands. Soft, purple thistle like flowers make it easily recognisable.

Musk Mallow



An attractive, tall, pink flowered plant found in many unmanaged grasslands.

Oxeye Daisy



A vibrant and vigorous wildflower that produces easily recognisable white and yellow flowers. Medium in height.

Self Heal



A small purple flower with a creeping growth habit. Very common throughout the UK and grows well in most situations.

Wild Carrot



A tall white "umbrella" shaped biennial wildflower. Most commonly found on ungrazed free draining soils.

Yellow Rattle



An annual wildflower that is semi parasitic. Often included in wildflower mixtures to reduce competition with grass species. Yellow flowered with mature seeds encased in a pod that can "rattle."



WILD BIRD COVER

MIXTURES

Wild Bird Seed 1 Year

A quick establishing mixture that provides reliable cover and an abundance of winter feed from seed bearing species. Designed to support wildlife through the colder months, this mix offers valuable forage while helping to protect soil and maintain ground cover.

SCHEME

 Wild Bird Seed For Farmland Birds

Sowing rate: 50kgs/ha

Term: 1 year

Pack size: 20kgs

TYPE	%
Triticale	70.0
Fodder Radish	10.0
Mustard	12.0
Quinoa	8.0

Wild Bird Seed 1 Year (no cereal)

A quick establishing mixture that provides reliable cover and an abundance of winter feed from seed bearing species. Formulated to support wildlife through the colder months, this mix offers valuable forage while helping to protect soil and maintain ground cover.

Sowing rate: 10kgs/ha

Term: 1 year

Pack size: 20kgs

TYPE	%
Fodder Radish	35.0
Mustard	40.0
Quinoa	25.0

Kale 1

Careful combination of full season forage crops to provide a large yield potential and excellent winter hardiness.

SCHEME



Wild Bird Seed for Farmland Birds

Forage brassicas for Farmland Birds

TYPE	%
Kale	60.0
Forage Rape	32.0
Main Crop Turnips	8.0

Sowing rate: 6.25kgs/ha

Term: 1 year

Pack size: 5kgs

Kale 2

Combination of kale and swedes provides an extremely winter hardy option.

SCHEME



Wild Bird Seed for Farmland Birds



Forage brassicas for Farmland Birds

TYPE	%
Kale	95.0
Swede	5.0

Sowing rate: 5kgs/ha

Term: 1 year

Pack size: 5kgs



Winter Bird Food

It provides an essential food resource for farmland birds throughout the autumn and winter, helping to support survival during the leaner months. The included flowering plants also benefit insects, delivering valuable pollen and nectar to support wider biodiversity.

SCHEME

	EFA Fallow Land (EFAFAL)
	AB9
	CAHL2/AHL2

Sowing rate: 40kgs/ha
Term: 2 years
Pack size: 20kgs

TYPE	%
Triticale	75.0
Quinoa	2.5
Kale	2.5
Stubble Turnip	2.5
Linseed	10.0
Fodder Radish	2.5
Forage Rape	5.0

Winter Bird Food 2

The inclusion of a millet blend, sunflowers, and chicory delivers a more diverse range of seeds, providing valuable feed for wildlife across two consecutive years. This varied seed source helps to support farmland birds while also adding structural and habitat diversity to the mix.

SCHEME

	AB9
	CAHL2/AHL2

Sowing rate: 40kgs/ha
Term: 2 years
Pack size: 20kgs

TYPE	%
Triticale	67.5
Quinoa	4.0
Kale	5.0
Sunflowers	10.0
Linseed	8.0
Millet Blend (Red & White)	5.0
Chicory	1.5

Bumblebird

It provides an important food resource for farmland birds, including tree sparrow and corn bunting, as well as supporting a wide range of nectar feeding insects. This helps sustain wildlife populations while enhancing overall biodiversity within the farmed landscape.

SCHEME

	AB16
	CAHL2/AHL2

Sowing rate: 60kgs/ha
Term: 1 year
Pack size: 20kgs

TYPE	%
Winter Triticale	33.3
Winter Wheat	33.3
Fodder Radish	1.7
Gold of Pleasure	3.3
Kale	3.4
Winter Linseed	8.3
Alsike Clover	1.0
Birdsfoot Trefoil	1.0
Vetch (common)	6.7
Crimson Clover	5.0
Lucerne	1.0
Phacelia	1.0
Red Clover	1.0



GAME COVER

STRAIGHTS

Borage



Blue tar shaped attractive flowers provide a valuable nectar source for bees. Can grow up to 60cm tall. Hardy plant that will thrive in most soils. Although an annual it self seeds fairly easily. Establish in spring, will not tolerant hard frosts.

Sowing rate: 25kgs/ha
Term: 1 year
Pack size: 5kgs

Buckwheat



A fast growing and vigorous plant. Very good, rapid ground cover and flowers quickly. Good scavenger and releaser of phosphate from the labile pool. Very little frost tolerance.

Sowing rate: 50kgs/ha
Term: 1 year
Pack size: 25kgs

Fodder Radish



Also known as oil radish. A fast growing competitive brassica with a strong rooting system, it holds nitrogen, suppresses weeds and improves soil structure in green cover. Useful in wild bird or game cover mixtures as a seed bearing plant and will be taken out by hard frosts. Some varieties offer nematode control.

Sowing rate: 7.5kgs/ha
Term: 1 year
Pack size: 5kgs

Forage Rape



Ideal as a catch or rescue fall back crop. Not as frost hardy as maincrop kale

Sowing rate: 7.5kgs/ha
Term: 1 year
Pack size: 5kgs

Kale



One of the most popular game cover crops, good canopy with bare dry ground underneath.

Sowing rate: 5kgs/ha
Term: 2 years
Pack size: 5kgs

Linseed



A fast growing oilseed bearing crop with attractive flowers. A good source of winter feed for birds. Not frost tolerant but tough stems keep standing.

Sowing rate: 50kgs/ha
Term: 1 year
Pack size: 25kgs

Quinoa



A very useful and reliable seed bearing crop for winter feed and game cover. It produces an abundance of seed heads which shed throughout the game season. These seeds are highly palatable and provide a source of protein. Will not survive successive frosts.

Sowing rate: 10kgs/ha
Term: 1 year
Pack size: 5kgs

Phacelia



A very fast growing plant that offers good ground cover and N holding abilities. Attractive flowers are often covered with bees and other insects. Not tolerant to hard frosts.

Sowing rate: 10kgs/ha
Term: 1 year
Pack size: 5kgs

Rape/Kale Hybrid



A hybrid brassica with kale and rape parentage. Resultant hybrid vigour plus kales winter hardiness offers a potential advantage.

Sowing rate: 5-6kgs/ha
Term: 1 year
Pack size: 5kgs

Red Millet



Although it doesn't produce as much seed as white millet it is earlier to shed seed and is a useful component to extend the seed shedding period. Often used in a mixture with kale or maize. Does not like heavy wet conditions.

Sowing rate: 25kgs/ha
Term: 1 year
Pack size: 25kgs

Reed Canary Grass



A long term game cover option that will provide cover for many years. It can be slow to establish in year one but will provide strong cover in year two onwards growing up to two metres in height. It has good cold tolerance and is suitable to most soil types.

Sowing rate: 6.25kgs/ha
Term: 5 years
Pack size: 10kgs

Sunflowers



A good source of oil rich seeds for winter birds. They will normally grow to a height of around 4-6ft. They can be grown in strips or commonly used as a part of a mixture. They are popular with pollinators and will attract a large insect population once they begin to flower. They are available conventionally or as dwarf varieties that will grow to around 4ft.

Sowing rate: 12.5kgs/ha
Term: 1 year
Pack size: 5kgs

White Millet



A good source of winter feed for game cover and wild birds although difficult to successfully establish in northern UK. Not winter hardy.

Sowing rate: 25kgs/ha
Term: 1 year
Pack size: 20kgs

White Mustard



Mustard requires approximately 100 days to grow to its potential which can be in excess of a metre tall. The tall aerial growth is normally pulverised before being incorporated back into the soil. A very fast growing and early maturing brassica. Ideal summer cover that holds N.

Sowing rate: 7.5kgs/ha
Term: 1 year
Pack size: 5kgs





COVER CROPPING

MIXTURES

Green Manure 2

A very vigorous green manure, delivering rapid establishment and strong biomass production. Ideal for improving soil structure, increasing organic matter, and enhancing nutrient cycling within the rotation.

SCHEME

 **Stubbles Followed by Green Manure in an Arable Rotation**

Sowing rate: 12.5kgs/ha

Term: 1 year

Pack size: 10 & 20kgs

Establishment: Spring/early summer

TYPE	%
Vetch (common)	40.0
Mustard	40.0
Fodder Radish	20.0

Green Manure 3

Diverse legume nitrogen fixing mixture. Carefully selected to deliver high levels of natural nitrogen fixation, supporting soil fertility, improved structure, and long term productivity across a range of growing conditions.

SCHEME

 **Stubbles Followed by Green Manure in an Arable Rotation**

Sowing rate: 10kgs/ha

Term: 2-3 years

Pack size: 10 & 20kgs

Establishment: Spring/early summer

TYPE	%
Phacelia	50.0
Red Clover	25.0
Crimson Clover	25.0

Soil Improver

A very vigorous green manure, delivering rapid establishment and strong biomass production. Ideal for improving soil structure, increasing organic matter, and enhancing nutrient cycling within the rotation.

SCHEME

 **Stubbles Followed by Green Manure in an Arable Rotation**

Sowing rate: 15kgs/ha

Term: 1 year

Pack size: 10 & 20kgs

Establishment: Spring/early summer

TYPE	%
Phacelia	16.6
Crimson Clover	16.7
Mustard	33.4
Buckwheat	16.7
Fodder Radish	16.6

Soil Improver (no brassica)

A brassica free soil improvement mixture, formulated to enhance soil structure and boost organic matter without the inclusion of brassica species. Ideal for rotations where brassicas are not desired, while still delivering strong rooting and soil conditioning benefits.

SCHEME

 **Stubbles Followed by Green Manure in an Arable Rotation**

Sowing rate: 15kgs/ha

Term: 1 year

Pack size: 10 & 20kgs

Establishment: Spring/early summer

TYPE	%
Phacelia	16.5
Crimson Clover	16.5
Buckwheat	17.0
Vetch (common)	50.0





Italian Blend

Generally grows productively for two years. It is relatively inexpensive and fulfills a number of roles with it being especially suited to short term conservation.

SCHEME

 **EFA Catch Crop (EFACC)**

Sowing rate: 30kgs/ha

Term: 2 years

Pack size: 10 & 20kgs

TYPE	%
Italian Ryegrass (D)	100.0
Italian Ryegrass (T)	

Green Cover 1

Rapid growing green cover mixture, delivering quick establishment and dense canopy development. Ideal for protecting soil, suppressing weeds, and improving soil health between cropping cycles.

SCHEME

 **EFA Green Cover (EFAGC)**

Sowing rate: 12.5kgs/ha

Term: 1 year

Pack size: 10 & 20kgs

TYPE	%
Vetch (common)	40.0
Mustard	40.0
Fodder Radish	20.0

Green Cover 2 (PCN Biofumigation)

A blend of 75% fodder radish and 25% brown mustard, delivering rapid biomass production where soil temperatures are sufficient. This fast establishing mixture provides strong ground cover, effective nutrient capture, and excellent soil conditioning benefits.

SCHEME

 **EFA Green Cover (EFAGC)**

Sowing rate: 12.5kgs/ha

Term: 1 year

Pack size: 10 & 20kgs

TYPE	%
Brown Mustard	25.0
Fodder Radish	75.0

COMPANION CROPPING

The interest in companion cropping/diversionary crops has been mainly driven by cabbage stem flea beetle management where pyrethroid insecticides are no longer giving effective control.

The companion crops are there to provide camouflage, give beneficial insect protection, provide additional crop nutrition and enhance soil health.

Ideally these mixtures need to be sown through an alternative hopper or biodrill unit attached to the seed drill. We also provide ready mixed annual clovers with our kale and swede mixtures.

Companion Crop 1

Ideal as part of an integrated pest management strategy. Vigorous to establish, this mixture releases valuable nutrients back into the soil and is naturally taken out by frost, helping to break pest cycles while supporting soil health.

SCHEME

 CIMP3/IMP3

Sowing rate: 10kgs/ha

Term: 1 year

Pack size: 10 & 20kgs

TYPE	%
Buckwheat	50.0
Crimson Clover	50.0

Companion Crop 2

Ideal as part of an integrated pest management strategy. Establishes quickly and vigorously, releases nutrients back into the soil, and is naturally removed by frost, helping to support cleaner and more sustainable rotations.

SCHEME

 CIMP3/IMP3

Sowing rate: 10kgs/ha

Term: 1 year

Pack size: 10 & 20kgs

TYPE	%
Buckwheat	70.0
Berseem clover	20.0
Fenugreek	10.0

Complex Cover Crop

A diverse multi species cover crop providing rapid establishment, strong nitrogen fixation, and effective soil protection. High legume content supports soil fertility, while brassicas and rooting species aid nutrient capture, improve soil structure, and suppress weeds

SCHEME

 CSAM2/SAM2

Sowing rate: 17.5kgs/ha

Term: 1 year

Pack size: 10 & 20kgs

TYPE	%
Alsike Clover	3.71
Crimson Clover	3.71
Balansa Clover	4.29
Berseem Clover	4.29
Vetch (common)	28.57
Winter Vetch	25.43
Stubble Turnip	7.14
Forage Rape	6.86
Fodder Radish	6.86
Brown Mustard	5.14
Phacelia	4.0



COVER CROPPING

STRAIGHTS

Balansa Clover



Very tall and vigorous clover. It has a hollow stem growing 3-6ft tall. Frost hardy with deep taproots and will fix up to 120kg N/ha.

Sowing rate: 10kgs/ha
Term: 1 year
Pack size: 5kgs

Berseem Clover



It is an extremely fast growing legume that is sown primarily as a green manure but has also been used for haylage and grazing. It fixes large amounts of nitrogen quickly and provides a good biomass.

Sowing rate: 15kgs/ha
Term: 1 year
Pack size: 5kgs

Borage



Blue star shaped attractive flowers provide a valuable nectar source for bees. Can grow up to 60cm tall. Hardy plant that will thrive in most soils. Although an annual it self seeds fairly easily. Establish in spring, will not tolerate hard frosts.

Sowing rate: 25kgs/ha
Term: 1 year
Pack size: 5kgs

Brown Mustard



Sometimes known as Indian mustard. A very fast growing and early maturing brassica. Ideal summer cover that holds N. A more winter hardy species compared to conventional white mustard. Varieties available with biofumigant properties that help to control some soil pests.

Sowing rate: 7.5kgs/ha
Term: 2-3 year
Pack size: 5kgs

Buckwheat



A fast growing and vigorous plant. Very good, rapid ground cover and flowers quickly. Good scavenger and releaser of phosphate from the labile pool. Very little frost tolerance.

Sowing rate: 50kgs/ha
Term: 1 year
Pack size: 25kgs

Crimson Clover



A rapidly establishing annual clover which is ideal for soil improvement and cover. It produces a long red nectar rich flower which is particularly attractive to bees. It will quickly fix nitrogen in the sowing year and provide a large biomass to be reincorporated. Not frost tolerant.

Sowing rate: 15kgs/ha
Term: 1 year
Pack size: 5kgs

Fenugreek



A rapidly establishing legume that is a useful fertility builder. More well known domestically as a spice, it can act as a deterrent to pests in brassicas as a companion crop. Not frost tolerant.

Sowing rate: 25kgs/ha
Term: 1 year
Pack size: 25kgs

Fodder Radish



Also known as oil radish. A fast growing competitive brassica with a strong rooting system, it holds nitrogen, suppresses weeds and improves soil structure in green cover. Useful in wild bird or game cover mixtures as a seed bearing plant and will be taken out by hard frosts. Some varieties offer nematode control.

Sowing rate: 7.5kgs/ha
Term: 1 year
Pack size: 5kgs

Italian Ryegrass



Italian ryegrass generally grows productively for two years. It is relatively inexpensive and fulfills a number of roles with it being especially suited to short term conservation. It has a long growing season and can be grazed early in spring and late in the autumn.

Sowing rate: 37.5kgs/ha
Term: 2 years
Pack size: 20kgs

Kale



Ideal in a two year seed bearing crop but issues of clubroot, CSFB need monitoring for success. Good frost tolerance.

Sowing rate: 5kgs/ha
Term: 2 years
Pack size: 5kgs

Linseed



A fast growing oilseed bearing crop with attractive flowers. A good source of winter feed for birds. Not frost tolerant but tough stems keep standing.

Sowing rate: 50kgs/ha
Term: 1 year
Pack size: 25kgs

Persian Clover



It is an extremely fast growing legume that is sown primarily as a green manure but has also been used for haylage and grazing. It is an annual and not frost tolerant.

Sowing rate: 15kgs/ha
Term: 1-2 year
Pack size: 5kgs

Phacelia



A very fast growing plant that offers good ground cover and N holding abilities. Attractive flowers are often covered with bees and other insects. Not tolerant to hard frosts.

Sowing rate: 10kgs/ha
Term: 1 year
Pack size: 5kgs

Quinoa



A very useful and reliable seed bearing crop for winter feed and game cover. It produces an abundance of seed heads which shed throughout the game season. These seeds are highly palatable and provide a source of protein. Will not survive successive frosts.

Sowing rate: 10kgs/ha
Term: 1 year
Pack size: 5kgs



Red Clover



Unlike white clover, red clover has an upright habit with a deep tap root and nutrient storing crown. Primarily used for silage, it also suits rotational grazing mixes due to its drought tolerance. It should be grazed back before hard frosts, though the crown will survive.

Sowing rate: 12.5kgs/ha
Term: 3 year
Pack size: 5kgs

Red Millet



Although it doesn't produce as much seed as white millet it is earlier to shed seed and is a useful component to extend the seed shedding period. Often used in a mixture with kale or maize. Does not like heavy wet conditions. Not frost tolerant.

Sowing rate: 25kgs/ha
Term: 1 year
Pack size: 20kgs

Ryegrass



Establishes quickly, responds well to fertiliser N and is highly acceptable to stock. It combines good production with excellent persistency especially through the intermediate and later varieties.

Sowing rate: 37.5kgs/ha
Term: 2-5 years
Pack size: 20kgs

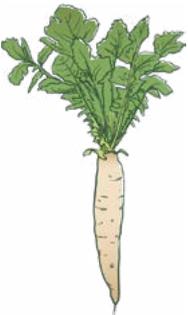
Sunflowers



A good source of oil rich seed for winter birds, typically growing 4 to 6 ft tall and used in strips or mixtures. Popular with pollinators and insects when flowering. Available as conventional or dwarf varieties at around 4 ft. Not frost tolerant.

Sowing rate: 12.5kgs/ha
Term: 1 year
Pack size: 5kgs

Tillage Radish



A competitive and fast growing brassica crop with a deep tap root and a strong rooting system. It's useful in green cover where it holds N whilst outcompeting weeds and improving soil structure by pushing through compacted soils. Not frost tolerant so killed off.

Sowing rate: 7.5kgs/ha
Term: 1 year
Pack size: 5kgs

Vetch (Common)



Common vetch is a popular legume. It is an aggressive plant that produces good yields of high protein forage in wholecrop mixtures. Also very useful as a soil improver and green cover. Will not survive hard successive frosts.

Sowing rate: 87.5kgs/ha
Term: 1 year
Pack size: 25kgs

Westerwolds



Extremely vigorous annual grass that will be ready to cut within 12-14 weeks of being sown. It can be included in a spring sown long term mixture to give bonus first year cutting/ grazing yield. Fast growth and N lifting capability makes it a good winter green cover.

Sowing rate: 30kgs/ha
Term: 1 year
Pack size: 20kgs

White Millet



A good source of winter feed for game cover and wild birds although difficult to successfully establish in northern UK. Not frost tolerant.

Sowing rate: 25kgs/ha
Term: 1 year
Pack size: 20kgs

White Mustard



Mustard is a very fast growing early maturing brassica, reaching over a metre in around 100 days. Ideal as a summer cover to hold nitrogen, with growth usually incorporated back into the soil. Not frost tolerant and easily taken out by first frosts.

Sowing rate: 7.5kgs/ha
Term: 1 year
Pack size: 5kgs

Hairy (Winter) Vetch



Similar to common vetch but more winter hardy. A high protein N fixing legume. Good frost tolerance so ideal for winter cover.

Sowing rate: 50kgs/ha
Term: 1 year
Pack size: 25kgs





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