

SMALL SEEDS BROCHURE 2025

Cover, catch and companion mixes
and environmental seed mixes

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HOW THIS BROCHURE WORKS

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Where grazing by livestock is planned, please refer to guidance notes on page 9.
Certified organic seed mixes can be supplied upon request.

INTRODUCTION

Choosing the correct small seed mixes can enhance your farm’s productivity and help meet your agri-environment scheme requirements.



Improve your soil health and resilience



Increase your sustainable practices



Maximise your scheme application

Speak to your local expert for bespoke advice specific to your farm.

Contact us to place an order
01945 461177
seedorders@hlhld.co.uk
hutchinsons.co.uk



EASILY MANAGE YOUR SFI SCHEME WITH OMNIA

SFI reporting and compliance made easy with all your farm management data in one place.



Maximise time and efficiency



Capture knowledge on the go



All information in one place

SUMMARY OF SCHEMES AND OUR COMPLIANT MIXES

Type	Action	SFI Code		CS Code	Payment		Mixes
		2024	2023				
Cover crops	Multi species winter cover crop	CSAM2	SAM2	SW6	£129/ha		MaxiCover, MaxiRooter, MaxiVeg, MaxiGraze, MaxiInterCrop, MaxiCatchCrop, MaxiBCN, MaxiSpring
	Winter cover following maize crops	SOH4			£203/ha		MaxiUnderstory
	Multi species spring-sown cover crop	SOH2			£163/ha		MaxiCatch, MaxiSpring, MaxiInterCrop, annual fallow mix
	Multi species summer-sown cover crop	SOH3			£163/ha		MaxiCatch, MaxiSpring, MaxiInterCrop, annual fallow mix
	Companion crop on arable and horticultural land	CIPM3	IPM3		£55/ha		MaxiUnderstory
	Enhanced margin (orchard)	CIPM2	IPM2	AB8	£798/ha		Enhanced margin mix
Legume	Legume fallow	CNUM3	NUM3		£593/ha		Annual fallow mix, MaxiCover, MaxiRooter
				AB15	£593/ha		Legume fallow mix with grass, non-grass legume fallow*
	Legumes on improved grassland	CNUM2	NUM2		£102/ha		Any standard grass mix containing a legume, legume fallow mix, non-grass legume fallow*
Herbal ley	Herbal leys	CSAM3	SAM3		£382/ha		Legume and herb rich mixture, SFI overseeding mixtures
				GS4	£382/ha		Legume and herb rich mixture
Winter bird food	Winter bird food on arable and horticultural land	CAHL2	AHL2	AB9	£853/ha		WBS1, WBS4, northern WBS1 one year spring sown, WBS2 1-2 year spring sown
Bumblebird	Bumblebird mix	AHW1		AB16	£747/ha		WBA2 Autumn bumblebird mixture
Flower rich margins	Pollen and nectar flower mix	CAHL1	AHL1	AB1	£739/ha		Nectar rich bronze
	Flower-rich grass margins, blocks, or in-field strips	CIPM2	IPM2	AB8	£798/ha		BGM4, enhanced margin mix
Buffer strip schemes	Grassy field corners and blocks	CAHL3	AHL3		£590/ha		BGM1, BGM2
	4m to 12m grass buffer strip on arable and horticultural land	CAHL4	AHL4	SW1	£515/ha		BGM1, BGM2
	12m to 24m watercourse buffer strip on cultivated land	BFS1		SW4	£707/ha		BGM1, BGM2
	Buffer in-field ponds on arable land	BFS2		WT2	£681/ha		BGM1, BGM2
	Buffer in-field ponds on improved grassland	BFS3		WT1	£311/ha		BGM1, BGM2
	4m to 12m grass buffer strip on improved grassland	CIGL3	IGL3	SW2	£235/ha		BGM1, BGM2
	Beetle banks	AHW3		AB3	£764/ha		BGM1, BGM2
	In field grass strips	WBD3			£765/ha		BGM1, BGM2

*For further grassland and forage based options see our grass and forage brochure.

KEY SPECIES GUIDE

Compare the key species used in our cover, catch and companion crops



KEY FEATURES EXPLAINED



Fast establishment

Fast growing species with vigorous root systems.



Frost tolerant

Once established plants in this mix can usually tolerate colder conditions.



One year (annual)

Contains annual plants which usually die once they've flowered. Most annuals establish and set in the same year.



Pollen and nectar source

Includes plants that are beneficial for pollinators.



Grazing suitability

Ranked 1 being poor to 5 being excellent for use in land with grazing livestock.



SFI compliant

Compliant with Sustainable Farming Incentive actions. Refer to our summary on pages 4 - 5 for guidance on option compliance.



CS compliant

Compliant with Countryside Stewardship actions. Refer to our summary on pages 4 - 5 for guidance on option compliance.



SFI and CS compliant

Compliant with Sustainable Farming Incentive and Countryside Stewardship actions. Refer to our summary on pages 4 - 5 for guidance on option compliance.

GRAZING NOTES

While all our catch and cover crop mixtures can be grazed, the presence of buckwheat, when actively growing, can cause a photosensitive reaction in pale faced livestock or exposed skin. The level of buckwheat varies by mix and livestock will not preferentially graze buckwheat where inclusion levels are low. Buckwheat is highly sensitive to frost so where grazing is intended it is best to utilise crops after frost has effectively controlled the buckwheat.

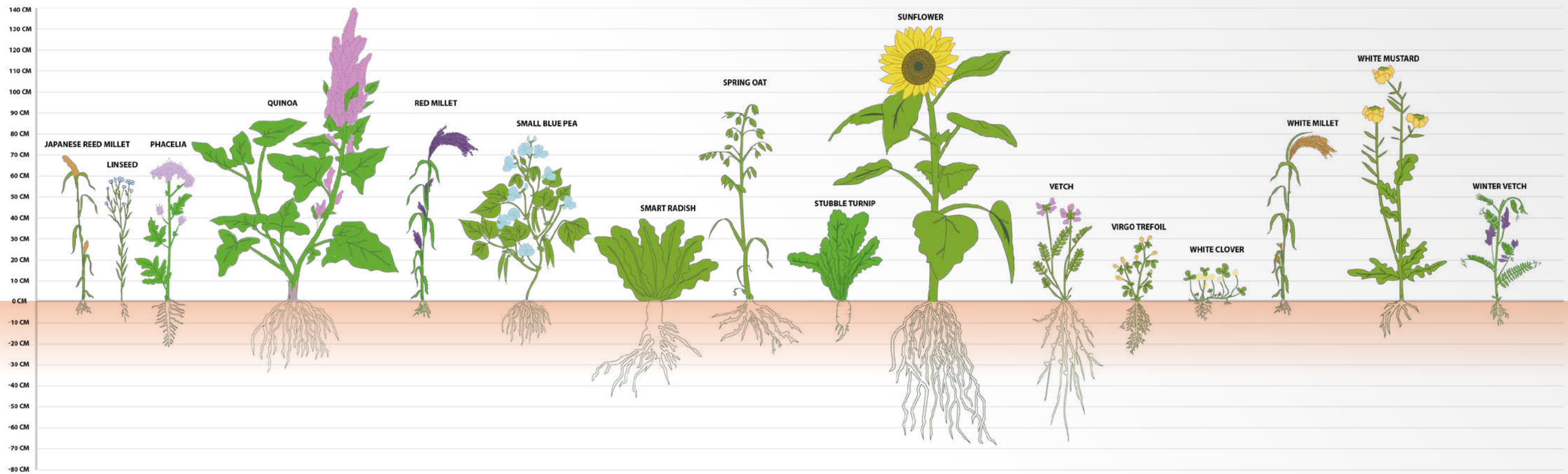
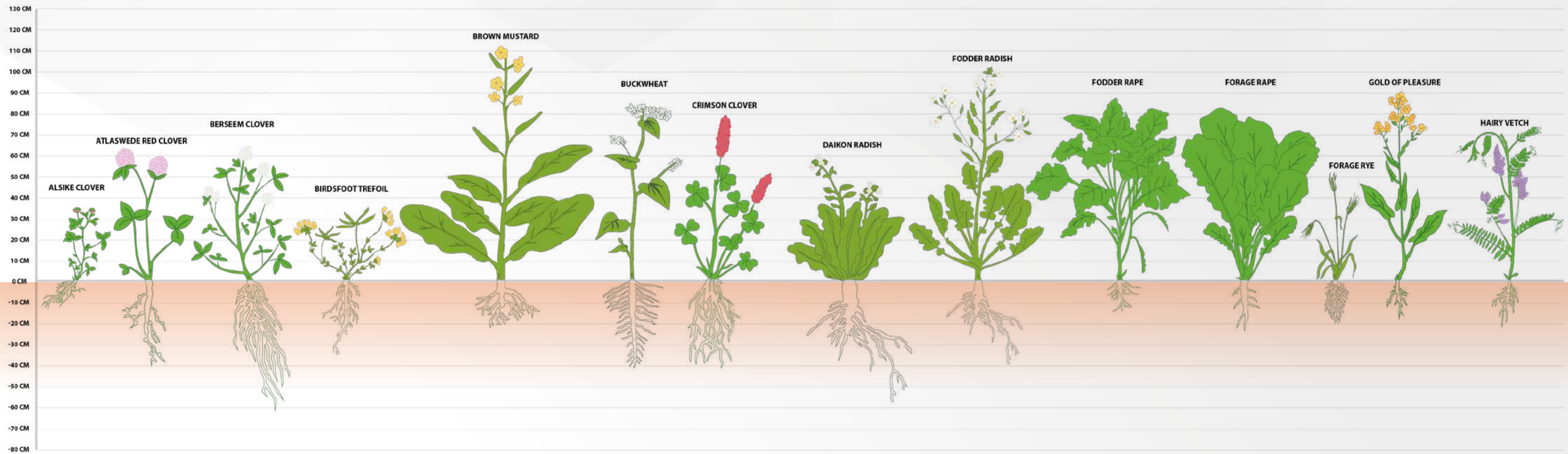
The majority of our cover and catch crop mixes will only provide maintenance forage levels. Where forage is required for weight gain or where early entry grazing is required then MaxiGraze should be utilised.

For sheep, grazing is restricted to adult animals and store lambs of at least six months of age. Ewes with lambs still on milk must not be grazed on mixed species cover crops, including the MaxiGraze mix.

Our cover crops are primarily designed for soil improvement and whilst the majority can be grazed by sheep, if grazing of sheep or cattle is the priority please choose a forage crop from our forage crop range, where species are adjusted to the crop requirement.

Where cattle grazing for gain is required, consider talking to your agronomist about N-Joy.





INTRODUCTION TO OUR COVER, CATCH AND COMPANION CROP MIXES

Cover, catch and companion crops can improve your soil health and cycle nutrients for the following cash crop, but which is right for your farm?

Our range of mixes provide as much diversity as possible to improve your soil health. Each species has been carefully considered for its cost, technical performance and reliability.



COVER CROPS

Short term mixes for a range of situations.



CATCH CROPS

Perfect to improve your soil health when you have a restrictive rotation.



COMPANION CROPS

Supports establishment and adds diversity to a monoculture cash crop.



Speak to your local expert to ensure you use the crop to maximum benefit for your situation.



COVER CROP

MaxiCover

A multi-purpose mix which suits a wide range of situations and soil types.

KEY FEATURES:



- Varied root depth and architecture helps to aggregate soil and create drainage channels.
- Plant canopy offers excellent soil armour and weather protection.
- Varied food source for soil microbes.
- The diversity and low inclusion rate of each plant type reduces the risk of exacerbating rotational pest or disease issues.

ESTABLISHMENT:

This mix should be drilled as soon as possible in the summer, following harvest of the previous crop, and no later than early September.

SPECIFICATION:

Brassica

24.1%

Herb

47.5%

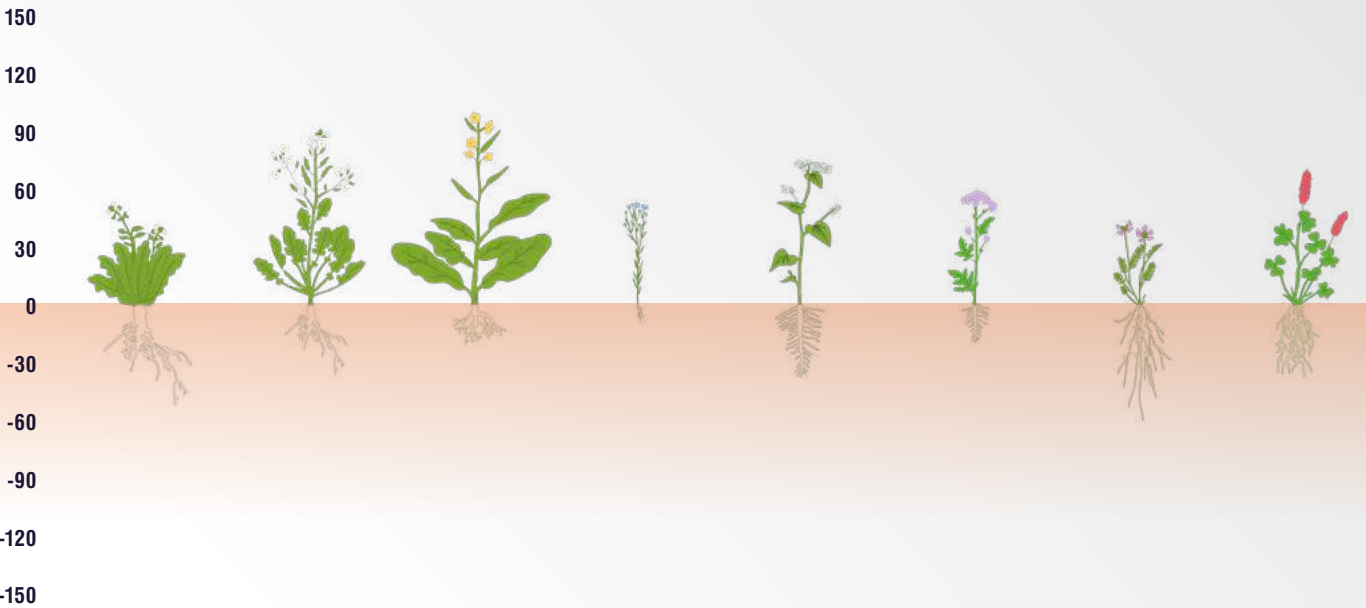
Legume

28.4%

SEED RATE:
12.5KG/HA
5KG/ACRE
(25KG PACK)

SPECIES	% (SEEDS/M²)
Daikon radish	2.9
Fodder radish	5.1
Brown mustard	16.1
Linseed	26.3
Buckwheat	7.3
Phacelia	13.9
Vetch	3.6
Crimson clover	24.8

DAIKON RADISH FODDER RADISH BROWN MUSTARD LINSEED BUCKWHEAT PHACELIA VETCH CRIMSON CLOVER





COVER CROP

MaxiRouter

Alleviate minor shallow compaction or slumping issues.

KEY FEATURES:



- Species with larger, vigorous root systems that create a friable soil for establishment of the following crop.
- Repair damage and save a cultivation pass.

Careful examination of the soil prior to planting this mix will help to determine whether the intended outcome is achievable or if targeted subsoiling should be used alongside this cover crop.

ESTABLISHMENT:

This mix should be drilled as soon as possible in the summer, following harvest of the previous crop, and no later than early September.

SEED RATE:
12.5KG/HA
5KG/ACRE
(25KG PACK)

SPECIFICATION:

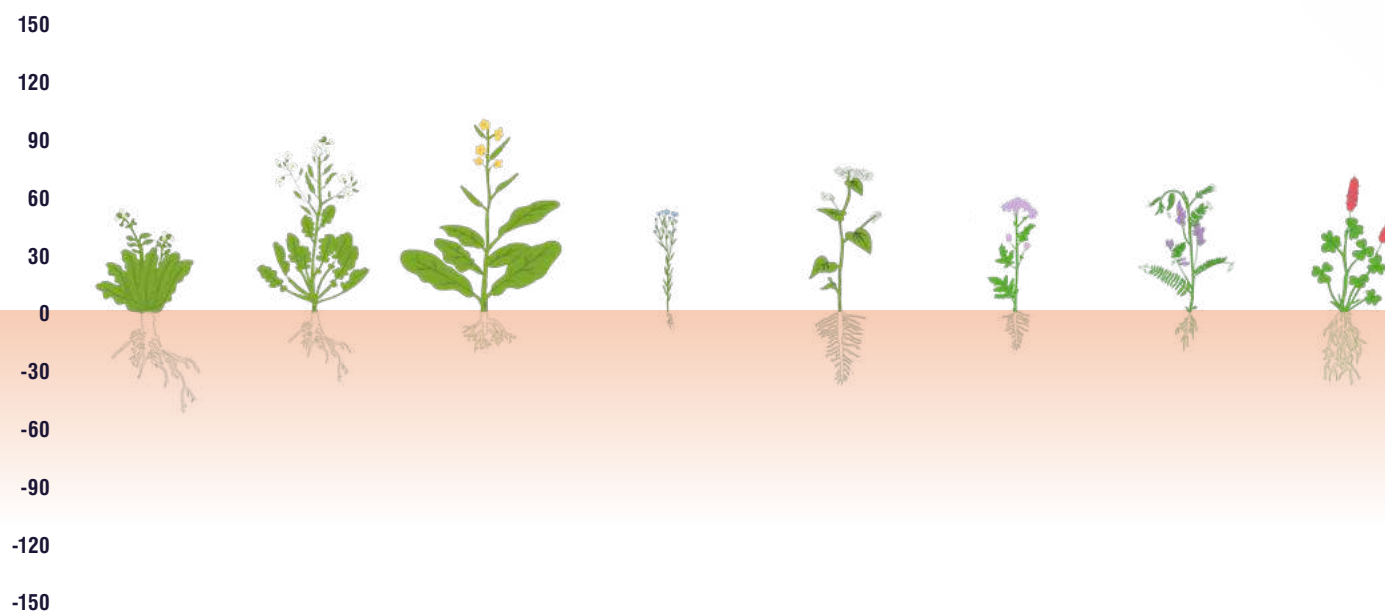
Brassica
27.3%

Herb
53%

Legume
19.7%

SPECIES	% (SEEDS/M ²)
Daikon radish	8
Fodder radish	6.4
Brown mustard	12.9
Linseed	40.2
Buckwheat	4.8
Phacelia	8
Hairy vetch	3.6
Crimson clover	16.1

DAIKON RADISH FODDER RADISH BROWN MUSTARD LINSEED BUCKWHEAT PHACELIA HAIRY VETCH CRIMSON CLOVER



COVER CROP

MaxiVeg

A brassica free mix. Ideal if you regularly grow brassica cash crops and have associated issues with soil borne pathogens.

KEY FEATURES:



- Provides a good level of plant diversity and number of key benefits, including Nitrogen fixing legumes.
- Suitable for any soil type.

ESTABLISHMENT:

Should be drilled as soon as possible in the summer, following harvest of the previous crop, but no later than the end of August.

SEED RATE:
12.5KG/HA
5KG/ACRE
(25KG PACK)

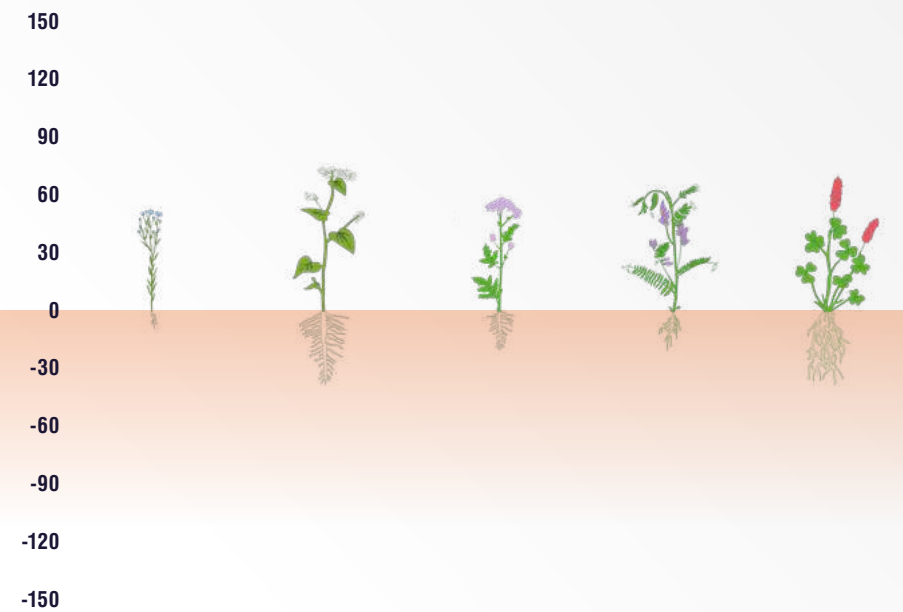
SPECIFICATION:

Herb
61%

Legume
39%

SPECIES	% (SEEDS/M ²)
Linseed	33.9
Buckwheat	8.5
Phacelia	18.6
Hairy vetch	6.8
Crimson clover	32.2

LINSEED BUCKWHEAT PHACELIA HAIRY VETCH CRIMSON CLOVER





COVER CROP

MaxiGraze

Provide forage for livestock grazing while improving soil health.

KEY FEATURES:



- All species provide quality forage and root diversity with their different growth habits, canopy and root types.
- Winter vetch and crimson clover provide Nitrogen fixation.
- Forage rape, smart radish and stubble turnip provide the bulk of this forage mix.

When grazing cattle, N-Joy can be a suitable mix. Talk to your specialist for advice.

For grazing notes, please see page 9.

SPECIFICATION:

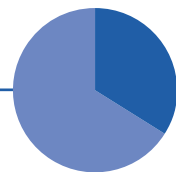
Brassica
36.8%



Herb
18.1%



Legume
45.1%

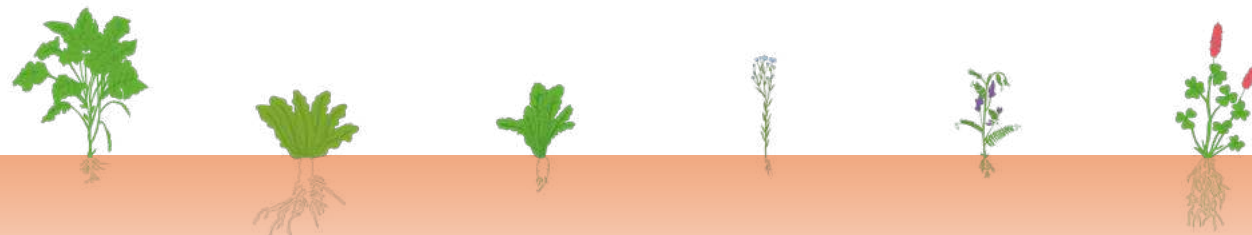


SEED RATE:
15KG/HA
6KG/ACRE
(25KG PACK)

SPECIES	% (SEEDS/M²)
Fodder rape	12.5
Smart radish	10.4
Stubble turnip	13.9
Linseed	18.1
Winter vetch	10.4
Crimson clover	34.7

FODDER RAPE SMART RADISH STUBBLE TURNIP LINSEED WINTER VETCH CRIMSON CLOVER

150
120
90
60
30
0
-30
-60
-90
-120
-150



COVER CROP

MaxiHeadland

Long term, hardy grass cover for field headlands or traffic headland.

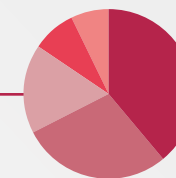
KEY FEATURES:



- Mixture of hardy grass species.
- Species provide a high level of ground cover suitable for a field margin.
- Also suitable to be established on orchard or veg headlands where machinery is regularly travelling.
- For cover between vines/trees or more floristic margins please see the enhanced margin mix on page 38.

SPECIFICATION:

Other
100%



SEED RATE:
25KG/HA
10KG/ACRE
(25KG PACK)

SPECIES	% (SEEDS/M²)
SSMG	39
Creeping red fescue	28.5
Chewings fescue	17
Crested dogstail	8.5
Amenity tall fescue	7

ESTABLISHMENT:

Establish from the early spring onwards. Best sown during warm soil conditions with adequate moisture for germination.

COVER CROP

MaxiSpectrum

The most diverse mix with 15 species from five plant families.

KEY FEATURES:



- Provides many different types of canopy architecture, root structure and growth habit which helps to create excellent friable soil.
- The range of species all have their strengths in extracting nutrients from the soil so overall nutrient cycling should be enhanced for the following cash crop.
- Each species produces slightly different root exudates and interacts with soil microbes in their own unique way which should result in an uplift of the total microbial population and support a more diverse population.
- Includes the 'magic five' plant families recommended by Dr Caligari, a Brazilian scientist and leading expert on cover crops.

This mix is made to order. Speak to your specialist for more information.

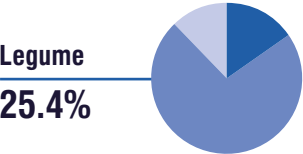
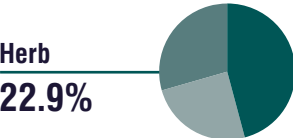
ESTABLISHMENT:

From July - August.

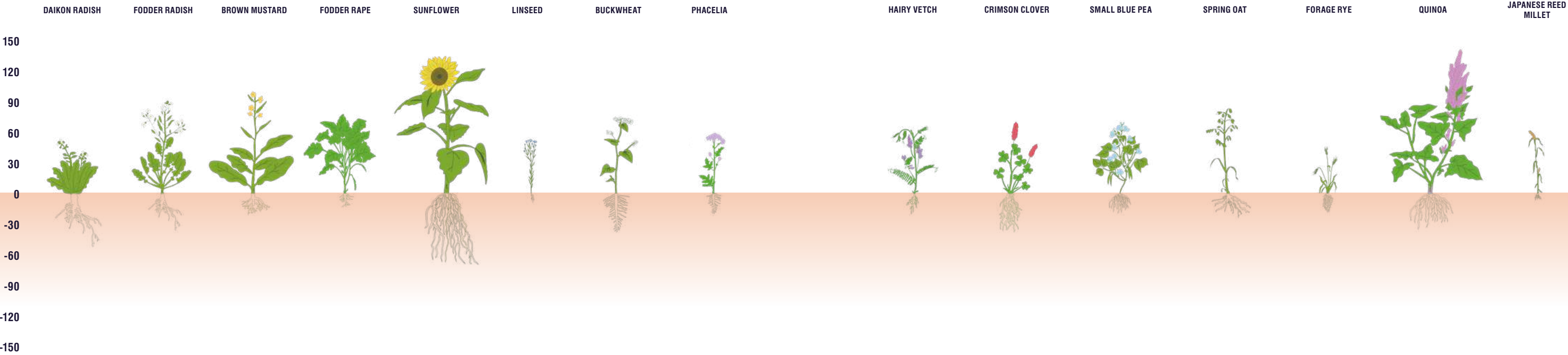
SEED RATE:
40KG/HA
16KG/ACRE
(25KG PACK)



SPECIFICATION:



SPECIES	% (SEEDS/M²)
Daikon radish	1.6
Fodder radish	2.1
Brown mustard	5.2
Fodder rape	5.2
Sunflower	1.8
Linseed	10.5
Buckwheat	5.7
Phacelia	6.7
Hairy vetch	3.9
Crimson clover	18.4
Small blue pea	3.1
Spring oat	7.3
Forage rye	8.4
Quinoa	7.9
Japanese reed millet	12.1



COVER CROP

MaxiBCN

Use before sugar beet to target nematode prone land.

KEY FEATURES:



- Type 1 radish used to aid nematode suppression.
- To be used as part of an integrated control programme.
- Does not control nematodes.
- Trap crop for BCN.

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Fodder radish	36.25
Vetch	63.75

SEED RATE:
20KG/HA
8KG/ACRE
(25KG PACK)



FODDER RADISH VETCH

150
120
90
60
30
0
-30
-60
-90
-120
-150



COVER CROP

MaxiSpring

Designed as a spring sown cover crop with frost hardy species to survive frosty springs. Could also be overwintered.

KEY FEATURES:

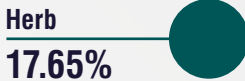


- Provides a good level of plant diversity and number of key benefits, including Nitrogen fixing legumes.
- Suitable for any soil type.
- Improves soil health.

ESTABLISHMENT:

Spring sown from March onwards to provide 3 - 6 months of cover. Autumn sown by the end of September.

SPECIFICATION:



SEED RATE:
11KG/HA
4KG/ACRE
(25KG PACK)



SPECIES	% (SEEDS/M²)
Gold of pleasure	51.6
Forage rape	10
Linseed	17.65
Crimson clover	10.5
White millet	10.25

GOLD OF PLEASURE FORAGE RAPE LINSEED CRIMSON CLOVER WHITE MILLET

150
120
90
60
30
0
-30
-60
-90
-120
-150





CATCH CROP

MaxiInterCrop

Shorter term summer cover for a variety of situations.

KEY FEATURES:



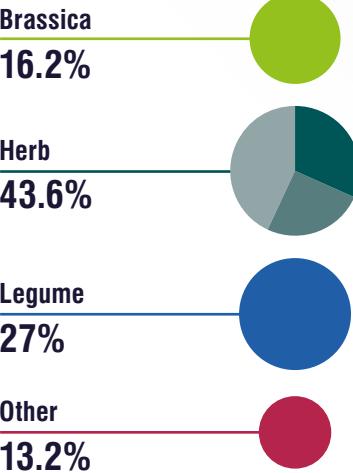
- Suitable for all soil types.
- Develop fantastic root systems in a short period of time.
- High levels of sugary root exudates offer a great food source for soil microbes.
- High drought tolerance.
- Inclusion of C4 plants improve drought tolerance of mix and increase carbon fixation.

ESTABLISHMENT:

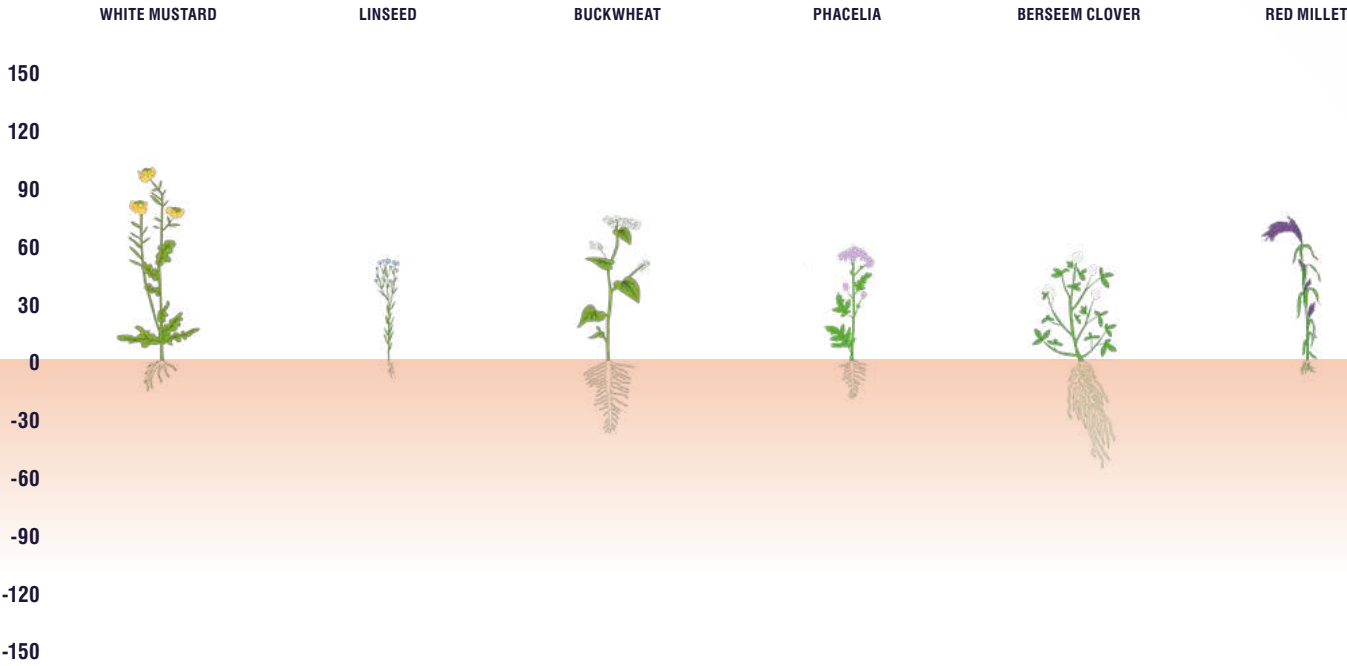
Can be established from late April onwards but may require managing well in advance of the following crop to prevent it going to seed. May be used in front of an autumn sown cash crop, for example, after carrots harvested winter/early spring, after vining peas, or after wholecrop cereals (AD or feed).

SEED RATE:
11KG/HA
4KG/ACRE
(25KG PACK)

SPECIFICATION:



SPECIES	% (SEEDS/M²)
White mustard	16.2
Linseed	13.9
Buckwheat	11
Phacelia	18.7
Berseem clover	27
Red millet	13.2



CATCH CROP

MaxiCatchCrop

Designed to fill a gap of approximately six-eight weeks between cash crops and provide opportunity to introduce diversity and living roots in the rotation.

KEY FEATURES:



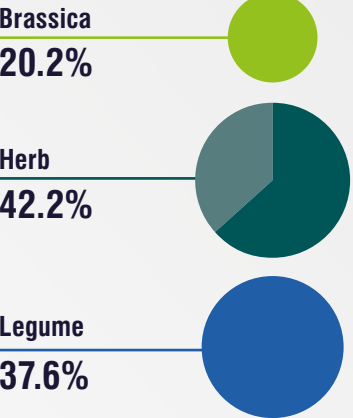
- Cereals can be added to bulk the mix.
- Can be used on any soil type.
- Buckwheat inclusion aids phosphorus scavenging and clover for nitrogen fixation.

ESTABLISHMENT:

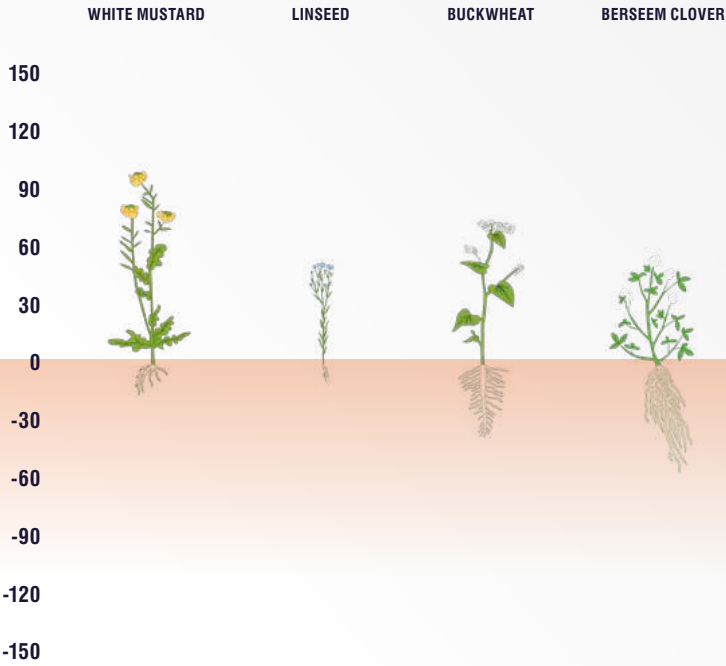
This mix **must be sown immediately behind the combine** for it to be as effective as possible. Soil moisture levels must be considered and will determine the success of establishment. It has also been effective as a late sown option due to its fast-growing species.

SEED RATE:
11KG/HA
4KG/ACRE
(25KG PACK)

SPECIFICATION:



SPECIES	% (SEEDS/M²)
White mustard	20.2
Linseed	26.8
Buckwheat	15.4
Berseem clover	37.6



COMPANION CROP

MaxiCompanion

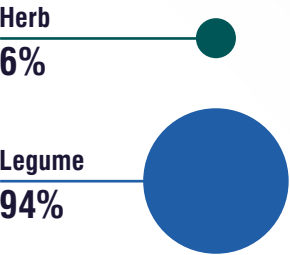
For use with oilseed rape (OSR) to introduce diversity.

KEY FEATURES:



- Helps OSR roots to develop quicker by following the root channels of the companion plants.
- Buckwheat has the potential to increase phosphorus availability in the rhizosphere.
- Berseem clover fixes atmospheric nitrogen which will in turn be made available to the OSR crop.

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Buckwheat	6
Berseem clover	94

SEED RATE:
5KG/HA
2KG/ACRE
(25KG PACK)



BUCKWHEAT BERSEEM CLOVER

150
120
90
60
30
0
-30
-60
-90
-120
-150



COMPANION CROP

MaxiUnderstory

Rapid establishment and long-term durability of a legume understory.

KEY FEATURES:

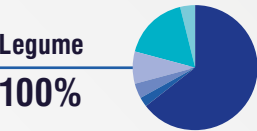


- Made up with 40% small and medium leaved white clover so not too competitive with the cash crop once established.
- Phased establishment and sward duration to optimise the performance of this crop partnering rotational option.
- Contains six flowering species allows for Sustainable Farming Incentive (SFI) NUM3 legume fallow funding to be utilised during the establishment phase. Flexibility within the SFI means that NUM3 funding could be applied for one, two or three years before the established understory is utilised within the cash crop rotation. The fast establishing, early flowering components of this mix will meet the objectives of NUM3 in the first year.

ESTABLISHMENT:

Siting and establishment of MaxiUnderstory should be well considered and planned in advance as this is intended as a rotational option of at least five years duration before reseeding may be required. Compromised soil conditions or large background weed population situations should be avoided.

SPECIFICATION:



SPECIES	% (SEEDS/M²)
White clover	64.5
Altaswede red clover	2.6
Birdsfoot trefoil	4
Virgo trefoil	8.1
Alsike clover	17.1
Crimson clover	3.7

SEED RATE:
5KG/HA
2KG/ACRE
(25KG PACK)



WHITE CLOVER ALTASWEDE RED CLOVER BIRDSFOOT TREFOIL VIRGO TREFOIL ALSIKE CLOVER CRIMSON CLOVER

150
120
90
60
30
0
-30
-60
-90
-120
-150



COVER, CATCH AND COMPANION CROP MIXES

LABEL SEED RATE

Mix	March		April		May		June		July		August		September	
	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half	1st Half	2nd Half
MaxiCover									100	100	100	120		
MaxiRooter									100	100	100	120		
MaxiVeg									100	100	100	130		
MaxiGraze									100	100	100	100	130	
MaxiSpectrum									100	100	100	120		
MaxiInterCrop				100	100	100	100	100	100	100	120			
MaxiCatchCrop									100	100	100	100	130	
MaxiSpring	100	100	100	100	100	100					100	100	120	
MaxiBCN									100	100	100	120		
MaxiHeadland	100	100	100	100	100	100	100	100	100	100	100	100	100	



DO YOU KNOW THE NUTRITIONAL VALUE OF YOUR COVER CROP?

Understand the potential nutrition provided by your cover crop with our nutrition capture service and make informed management decisions.

How the nutrients are cycled depends on how you manage the cover crop. Crop destruction can greatly affect the availability of the nutrition. Where possible you should graze with livestock or roll the cover crop down whilst still green, which enables easier chemical destruction later.


Speak to your local expert and maximise your cover crops.

✉ soils@hlhlt.co.uk

INTRODUCTION TO OUR ENVIRONMENTAL SEED MIXES

The seed you choose for your agri-environment scheme is fundamental to its success.

Each of our mixes have been selected for their environmental output and ease of management. Alongside agronomy advice, we can help you achieve the best results from your scheme and for your business.



LEGUME FALLOW



HERBAL LEY



WINTER BIRD FOOD



BUMBLEBIRD



FLOWER RICH MARGINS



BUFFER STRIPS



Speak to your local expert and consider the many important factors relevant to your situation.

Explore the full range of Countryside Stewardship and Sustainable Farming Incentive compliant mixes on our website.



LEGUME FALLOW ONE YEAR Annual fallow mixture NUM3, CNUM3, SAM2

Cost effective one year legume fallow.

SEED RATE:
15-20KG/HA
6-8KG/ACRE
(20KG PACK)

KEY FEATURES:



- Developed to provide flowers in the spring and soil health benefits.
- This mix has a range of flowering plants suitable for pollinators.
- Best suited to meet the requirements of NUM3/CNUM3.

ESTABLISHMENT:

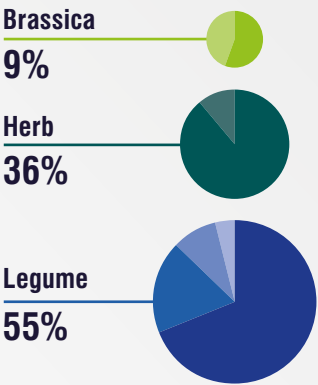
This mix should be drilled no later than the end of August.

Lucerne should be avoided where historic/archaeological features are present.

If spring drilled, this mix should last up to 15 months.

To meet the requirements of CNUM3 this mix must provide green cover over the winter months.

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Gold of pleasure	5
White mustard	4
Linseed	32
Phacelia	4
Common vetch	38
Crimson clover	10
Sainfoin	5
Lucerne (inoculated)	2



LEGUME FALLOW ONE YEAR

Express legume fallow

NUM3, CNUM3

Short term spring legume fallow mix.

KEY FEATURES:



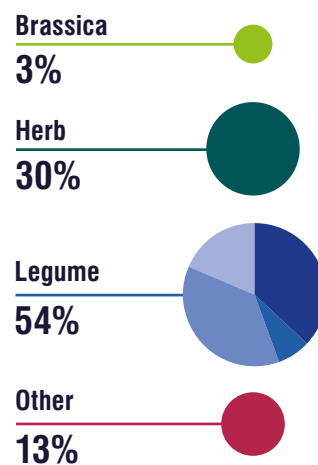
- Species selected for fast germination and flower production to provide spring pollen requirements and deliver optimum soil benefits, whilst achieving the aims of NUM3/CNUM3.*
- Suitable for soils where early spring sowing is possible to allow sufficient time to produce flowers in the late spring - early summer.
- Provides an alternative break crop opportunity on the right soil.

ESTABLISHMENT:

This mix must be established early spring to ensure flowering can be achieved by late spring.

SEED RATE:
20KG/HA
8KG/ACRE
(25KG PACK)

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Brown mustard	3
Linseed	30
Vetch	20
Phacelia	4
Sainfoin	20
Crimson clover	10
White millet	13

LEGUME FALLOW TWO YEAR

Legume fallow mixture with grass

AB15, NUM2, CNUM2, NUM3, CNUM3

A longer term legume fallow mix containing grass.*



SEED RATE:
30-40KG/HA
12-16KG/ACRE
(20KG & 500KG PACK)

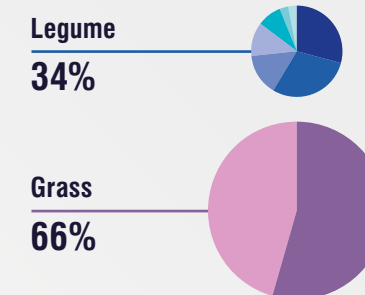
KEY FEATURES:



- More competitive against certain grass weeds and will provide ground cover throughout its lifetime.
- Can help build organic matter, fix nitrogen and provide plenty of nectar and pollen.

Speak to your agronomist before applying for this option as part of a grass weed control strategy.**

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Crimson clover	10
Common vetch	10
Red clover	5
Lucerne (inoculated)	4
Alsike clover	3
Birdsfoot trefoil	1
Black medick	1
Perennial ryegrass	36
Creeping red fescue	30

LEGUME FALLOW TWO YEAR

Non-grass legume fallow mixture

AB15, NUM2, CNUM2, NUM3, CNUM3

Longer term legume fallow mix without grass.



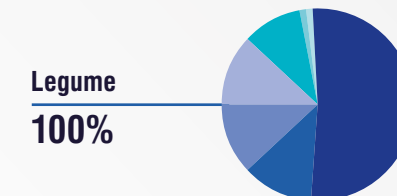
SEED RATE:
15-20 KG/HA
6-8 KG/ACRE
(20KG & 500KG PACK)

KEY FEATURES:



- By excluding grass from the mix, it is much easier to follow this option with an autumn sown cereal, without the presence of a dense thatch of decaying grass roots.
- The common vetch in the mix should provide good cover over winter but will not be as effective at suppressing weeds as the mix with grass.
- With a higher proportion of legumes, this mix will fix more nitrogen and provide an abundance of nectar in the summer months.**

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Common vetch	52
Crimson clover	12
Alsike clover	12
Lucerne (inoculated)	12
Red clover	10
Birdsfoot trefoil	1
Black medick	1

*This mix should be present over the winter months to meet the requirements of CNUM3.

*A grass based mix may establish better on heavier cold soils.

**Lucerne should be avoided where historic/archaeological features are present.



HERBAL LEY

Legume and herb rich mixture (no chicory)

GS4, SAM3, CSAM3

This herbal ley mix provides an abundance of productive grazing for livestock whilst supporting diversity with habitat and a food source for invertebrates and pollinators.*

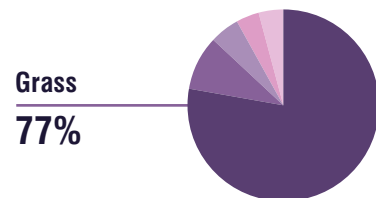
KEY FEATURES:



- Herbal leys can develop a beneficial soil structure through the increase in organic matter due to the variety of species and the length of time they are in the soil.
- The grass in this mix offers a reliable bulk forage while the nitrogen fixing ability of the legumes reduces the need for artificial fertilisers.
- An excellent opportunity to incorporate grass and livestock into an arable rotation, whilst still claiming additional support through an environmental scheme.

Further legume grass mixes for Countryside Stewardship and the Sustainable Farming Incentive are available through our Forage and Grasswise ranges. Visit our website for more information.

SPECIFICATION:



SPECIES	% (SEEDS/M ²)
Plantain	1
Sheeps parsley	0.5
Sheeps burnet	0.5
Yarrow	0.1
Sainfoin	6.9
Red clover	5
Lucerne (inoculated)	5
White clover	3
Alsike clover	1
Perennial ryegrass	60
Festulolium	7
Meadow fescue	4
Creeping red fescue	3
Timothy	3

SEED RATE:
30KG/HA
12KG/ACRE
(25KG PACK)

HERBAL LEY

SFI herbal legume overseeding mixture

SAM3, CSAM3

A diverse herbal ley oversow mix designed for stitching into existing grass leys, where full reseeding is not desired.*

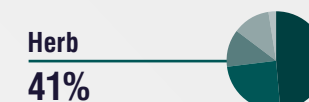
KEY FEATURES:



Overseeding mixes are designed to enhance pre-existing grass leys, not as standalone. To get the best results from overseeding, careful sward management and soil preparation needs to occur. You need good seed-to-soil contact, ample soil moisture and appropriate weather conditions.

- Chicory is a high-protein forage with good digestibility and provides mineral-rich forage through anthelmintic properties.
- Its deep tap root ensures drought tolerance and improves soil structure.
- Can be grazed but avoid it bolting.
- Sow when soil is 10°C+.

SPECIFICATION:



SPECIES	% (SEEDS/M ²)
Plantain	20
Perennial chicory	10
Sheeps burnet	5
Sheeps parsley	5
Yarrow	1
Red clover	23
White clover	22
Alsike clover	5
Birdsfoot trefoil	4
Timothy	5

SEED RATE:
7-10KG/HA
3-4KG/ACRE
(20KG PACK)

HERBAL LEY

SFI no chicory herbal legume overseeding mixture

SAM3, CSAM3

A diverse herbal ley oversow mix excluding chicory for easier management.*

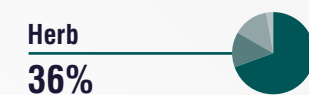
KEY FEATURES:



Overseeding mixes are designed to enhance pre existing grass leys, not as standalone. To get the best results from overseeding, careful sward management and soil preparation needs to occur. You need ample soil moisture and appropriate weather conditions.

- Chicory although complimentary to herbal ley mixes and a good deep rooter can provide management issues when allowed to bolt due to its stemmy nature and may pose a risk of silage wrap damage.

SPECIFICATION:



SPECIES	% (SEEDS/M ²)
Plantain	25
Sheeps burnet	5
Sheeps parsley	5
Yarrow	1
Red clover	23
White clover	22
Alsike clover	5
Fenugreek	5
Birdsfoot trefoil	4
Timothy	5

SEED RATE:
7-10KG/HA
3-4KG/ACRE
(20KG PACK)

*Stock should be introduced gradually over a two week period and an area of grassland should be available for animals to return to. Water and hay or straw should also be made available. Please contact us for further guidance or if you have horse grazing requirements.



WINTER BIRD FOOD WBS4 One year spring sown AB9, AHL2, CAHL2

SEED RATE:
40KG/HA
16KG/ACRE
(20KG & 500KG PACK)

Game focused mix and a great alternative to maize.

KEY FEATURES:



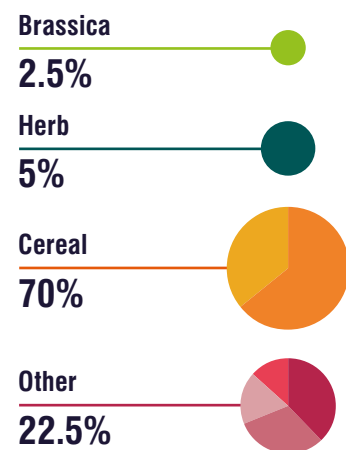
- Provides a wide range of winter feed and cover for wild birds.
- The sorghum and millet in the mix will hold their structure right through to the end of the shooting season.

ESTABLISHMENT:

Should be drilled on wide rows (16-24") to allow access between the crop for game birds.

Soil temp must be 14°C and rising before drilling.

SPECIFICATION:



SPECIES	% (SEEDS/M ²)
Gold of pleasure	2.5
Linseed	5
Spring triticale	45
Spring barley	25
Dwarf sorghum	8.5
White millet	7
Japanese reed millet	4
Red millet	3

WINTER BIRD FOOD WBS1 One year spring sown AB9, AHL2, CAHL2

SEED RATE:
40KG/HA
16KG/ACRE
(20KG & 500KG PACK)

A basic winter bird feed. Low cost, robust annual mix.

KEY FEATURES:

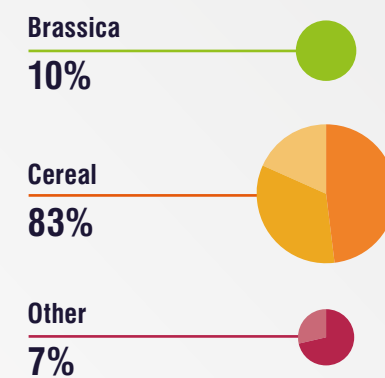


- Provides plenty of feed for farmland birds including tree sparrows and grey partridge.
- Provides open cover and shed seed through the late autumn and winter period.
- Kale can be added to the mix to make it last for two years.

ESTABLISHMENT:

Soil temp must be 14°C and rising before drilling.

SPECIFICATION:



SPECIES	% (SEEDS/M ²)
Fodder radish	10
Spring triticale	40
Spring barley	28
Spring wheat	15
White millet	5
Red millet	2



WINTER BIRD FOOD

Northern WBS1 one year spring sown

AB9, AHL2, CAHL2

SEED RATE:
40KG/HA
16KG/ACRE
(20KG PACK)

A one year mix suited for colder/Northern soils.

KEY FEATURES:



- Can be sown into colder soils for drilling of wild bird mixes early or in the north of the country where soils take longer to warm up.
- Provides a wide range of seeds for a variety of farmland birds, whilst also containing phacelia which will flower for most of the summer.

ESTABLISHMENT:

Can be sown from late March while the drill is still on.

SPECIFICATION:

Brassica
8%

Herb
12%

Cereal
80%

SPECIES	% (SEEDS/M ²)
Forage rape	5
Fodder radish	3
Linseed	10
Phacelia	2
Spring triticale	60
Spring barley	20



WINTER BIRD FOOD

WBS2 One - two year spring sown

AB9, AHL2, CAHL2

SEED RATE:
40KG/HA
16KG/ACRE
(20KG & 500KG PACK)

A two year winter bird food mix that provides a good range of seed producing species.

KEY FEATURES:



- Having half of your winter bird food areas in two year mixes can reduce the workload each spring and provide year round brood rearing habitat and pollen resource.

The kale in this mix is susceptible to flea beetle and pigeon damage. You may need to follow this mix with an annual mix for herbicide options to control weeds.

SPECIFICATION:

Brassica
11%

Cereal
80%

Other
9%

SPECIES	% (SEEDS/M ²)
Kale	7
Fodder radish	4
Spring triticale	45
Spring barley	20
Spring wheat	15
White millet	4
Quinoa	3
Red millet	2

ADDITIONS TO ALL WINTER BIRD MIXES

These straights can be added to bird mixes at the advised rates to either enhance the mix aesthetically, provide additional pollen and nectar resource, or make a mix last for two years.

- Sunflowers 4kg/ha / 2kg/acre (10kg & 25kg pack)
- Phacelia 7.5-10kg/ha / 3-4kg/acre (25kg pack)
- Kale 3-7.5kg/ha / 1-3kg/acre (5kg pack)
- Fennel 6-8kg/ha / 2-3kg/acre (5kg & 25kg pack)



WEED ISSUES

Wild bird mixes are likely to become weedy, especially if they are sown in the same place year after year. The most effective form of weed control is to achieve a stale seed bed, this may mean drilling later and allowing the weeds to flush first. If weeds are an issue post-emergence there is a range of herbicides that can be used.

Herbicide tolerant mixes will vary depending on specific weeds. Thistles, grass weeds (barnyard and foxtail millet), fat hen and redshank are the most common weeds and can be dealt with using an effective herbicide regime. Contact your agronomist for advice.

AUTUMN BUMBLEBIRD WBA2 Autumn sown bumblebird mixture two year AB16, AHW1

A diverse autumn sown bumblebird mix.

SEED RATE:
40-50KG/HA
16-20KG/ACRE
(20KG & 500KG PACK)

KEY FEATURES:

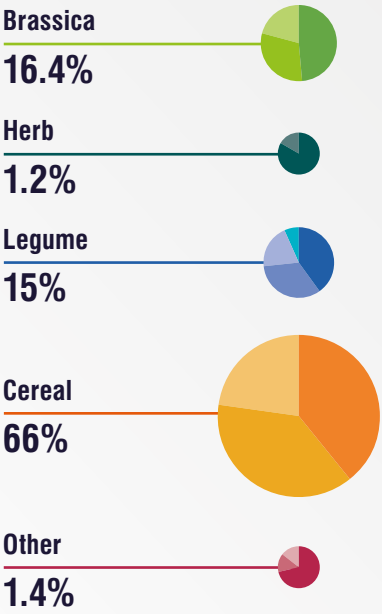


- Provides both ample nectar and plenty of feed for farmland birds in the second winter.
- A great option if providing spring brood rearing habitat, followed by winter feed for wild partridges or pheasants.
- It will not provide feed in the first winter.
- Can be used for late summer drilled AHL2 if retained for the second spring after sowing.

ESTABLISHMENT:

Ideally established as soon as possible after harvest. Speak to us if you need a bespoke mix.

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Fodder radish	8
Kale	5
Gold of pleasure	3.4
Phacelia	1
Yarrow	0.2
Common vetch	6
Crimson clover	5
Lucerne (inoculated)	3
Birdsfoot trefoil	1
Winter wheat	26
Winter barley	25
Winter triticale	15
Red clover	1
Black knapweed	0.2
Oxeye daisy	0.2



FLOWER RICH MARGINS

Enhanced margin mix fine grasses and 20% wildflowers

AB8, IPM2, CIPM2

Diverse long term flower rich margin mix. Great for margins as well as for use in orchards between trees.

KEY FEATURES:



- Designed to provide long term perennial habitat and foraging sites for invertebrates and pollinators such as bumble bees, butterflies and hoverflies.
- With the correct management and establishment, this longterm mix (with a wide range of perennial plants, wild flowers and some native species), will provide habitat for five years of a scheme and into any future schemes.

ESTABLISHMENT:

Establish in warm moist soils and stale seed beds followed by regular cutting in year one to give this mix the best start.

10kg pack for this mix can be priced on request.

SPECIFICATION:

Herb
2.25%

Legume
12.75%

Grass
80%

Other
5%

SPECIES	% (SEEDS/M²)
Yarrow	1.25
Plantain	1
Sainfoin	3.25
Common vetch	3
Birdsfoot trefoil	2.5
Red clover	2
Black medick	2
Slender red fescue	25
SSMG	25
Chewings fescue	12
Crested dogstail	10
Hard fescue	5
Browntop bent	3
Black knapweed	2
Oxeye daisy	1.3
Wild carrot	1
Selfheal	0.5
Musk mallow	0.2

SEED RATE:
16-20KG/HA
6-8KG/ACRE
(20KG PACK)



FLOWER RICH MARGINS

BGM4 Fine grasses and 10% wildflowers

AB8, IPM2, CIPM2

An abundant source of pollen and nectar throughout the summer whilst keeping costs down.

KEY FEATURES:



- With a higher proportion of legumes, less perennial wildflowers and no native species, this mix will tend to become less diverse towards the end of a five-year scheme and may need to be re-established before being entered into a new agri-environment scheme.
- Ideal for areas of the farm that are being established with wild flowers for a limited number of years.
- For areas that are being taken out of agricultural production indefinitely we suggest the enhanced margin mix.

SPECIFICATION:

Herb
1.25%

Legume
8.25%

Grass
90%

Other
0.5%

SPECIES	% (SEEDS/M²)
Plantain	0.75
Yarrow	0.25
Sheeps burnet	0.25
Sainfoin	2.5
Common vetch	2.5
Red clover	1.5
Alsike clover	1.25
Birdsfoot trefoil	0.5
Creeping red fescue	45
Chewings fescue	15
Hard fescue	15
SSMG	15
Oxeye daisy	0.25
Black knapweed	0.25

SEED RATE:
16-20KG/HA
6-8KG/ACRE
(20KG PACK)



NECTAR FLOWER MIX

Nectar rich bronze

AB1, AHL1, CAHL1

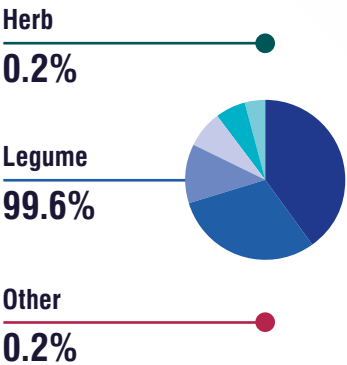
Cost effective option ideal for short term sites.

KEY FEATURES:

- SFI-CS

GRAZING SUITABILITY (1-5)
- The perennial flowers in the mix provide essential food sources for invertebrates and pollinators for up to five years.
 - Whilst quickly providing a multitude of flowers in year one, unlike the AB8/IPM2 options, AB1/AHL1 tends to lose out by year three/four, from competition weeds and grasses that begin to overcome the legumes.

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Yarrow	0.2
Vetch	40
Sainfoin	30
Crimson clover	12
Lucerne (inoculated)	7.6
Red clover	6
Alsike clover	4
Black knapweed	0.2

SEED RATE:
15KG/HA
6KG/ACRE
(20KG PACK)



BUFFER STRIPS

BGM1 with cocksfoot

AHL3, CAHL3, AHL4, CAHL4, IGL3, CIGL3

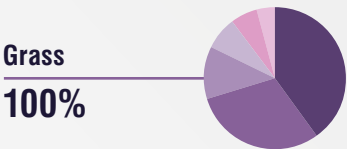
Attractive field margins offering a permanent wildlife corridor and a physical barrier to weeds.

KEY FEATURES:

- SFI-CS

GRAZING SUITABILITY (1-5)
- A safe environment that attracts a wide range of insects, birds and mammals including providing nesting areas for pheasants and partridges, through the tall tussocky grasses.
 - Excellent drought tolerance.
 - Complies with SFI CAHL4, AHL4 and CIGL3, IGL3. Grass buffer strips CAHL3, AHL3. Grassy field corners and blocks WBD3 in field grass strips. CS buffer strips SW1-3.

SPECIFICATION:



SPECIES	% (SEEDS/M²)
Creeping red fescue	45
Cocksfoot	20
Meadow fescue	15
Tall fescue	10
SSMG	5
Timothy	5

SEED RATE:
20KG/HA
8KG/ACRE
(20KG PACK)

Always consult relevant scheme guidance regarding eligibility of grazing.

BUFFER STRIPS

BGM2 No cocksfoot

AHL3, CAHL3, AHL4, CAHL4, IGL3, CIGL3

Provides a dense grass margin without tussocky cocksfoot.

KEY FEATURES:



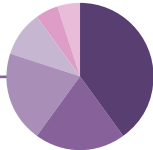
- Complies with SFI CAHL4, AHL4 and CIGL3, IGL3. Grass buffer strips CAHL3, AHL3. Grassy field corners and blocks WBD3 in field grass strips. CS buffer strips SW1-3.

Beware of mixes that have too much cocksfoot, particularly on more productive soils, as it can dominate the sward after a number of years.

Always consult relevant scheme guidance regarding eligibility of grazing.

SPECIFICATION:

Grass
100%



SEED RATE:
20KG/HA
8KG/ACRE
(20KG PACK)

SPECIES	% (SEEDS/M²)
Creeping red fescue	40
Chewings fescue	20
Meadow fescue	20
Tall fescue	10
SSMG	5
Timothy	5



Environmental Services

Our environmental specialists can help you balance your sustainable priorities with the practical needs of your farm business.

ARE YOU MAKING THE MOST OF YOUR AGRI-ENVIRONMENT SCHEME?

Our experts can help you understand the many options available and guide you through every step of the process.

- Advice tailored to your situation
- Support with your scheme application
- Ongoing management is easy with Omnia farm management system

Speak to your local expert for advice on environmental seed mixes and schemes.

enviro@hlhld.co.uk



Occasionally, shortages of seed of some cover crop species may occur throughout the season. We reserve the right to alter the specifications of any of the mixtures in this range should a shortage occur. We will always ensure that any alterations do not render a mixture unsuitable for its intended use. Any alteration to the mixture will be clearly shown on the bag label.

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