

# Limagrain Plant Breeding

As a major international plant breeding company, Limagrain can utilise its breeding programmes to evaluate and commercialise seed products suitable for conservation and gamecover.

The maize breeding programme ensures that HiBird maize blends continue to include the very best varieties; they are always tested in the UK for yield, early vigour and standing ability and it's only when a variety has proven itself, that it will be included in the HiBird mixtures.

You will find many of the products that appear in this catalogue are bred by Limagrain. There are ongoing breeding programmes currently developing new varieties of the following species:

- Kale
- Rape kale hybrids
- Maize
- Sunflowers
- Cereals
- Oilseeds
- Grasses for environmental schemes

# Introduction

So, what a year! A worldwide pandemic and a new relationship with the European Union. The one constant being that our beautiful countryside still needs farming and managing for the environmental prosperity of us all.

From 2021 the Government intends to remove all 3 of the greening requirements: Crop diversification, Ecological Focus Areas (EFA) and the permanent grassland rules from the Basic Payment Scheme (BPS) which makes the Countryside Stewardship Scheme even more important.

Evaluating your environmental assets and developing a plan for next year's crops is important:

- What worked well this year?
- What would you do differently?
- Are your conservation areas delivering the benefits you had expected?

The Environmental Land Management (ELM) scheme is currently under evaluation and won't be launched until 2024. Initial scheme options look likely to include whole field options, as well as the traditional margin areas.

We hope you find our brochure a useful resource to help you plan an effective conservation programme.



# Ha for for crop o pollina Creating th

Creating the perfect habitat is vitally important and will enable future generations to know that we played our part in securing our wildlife and plant populations. The start of this process begins by investing in the right seeds mixture that will allow you to deliver environmental benefits to the highest level. All HiBird seeds contained in this brochure have been fully tested for germination and purity enabling your crop to establish quickly and releasing its potential.

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# Habitats for Wildlife

# Crop options for farmland birds, pollinators and grass margin habitats



#### **COUNTRYSIDE STEWARDSHIP**



# **Countryside Stewardship**

The UK Government will continue to offer Countryside Stewardship agreements in 2021, 2022 and 2023.

Countryside Stewardship will eventually be replaced with the new Environmental Land Management (ELM) scheme. This will follow trialling and testing and a national pilot involving farmers and land managers during the next few years. The full ELM scheme should be in place from 2024. Signing up to a Countryside Stewardship agreement will put you in a great position to join ELM. Joining an environmental scheme will give you a viable, long-term source of income for providing environmental benefits as the Basic Payment Scheme (BPS) payments start to reduce.

- **Higher Tier** is for land that requires more complex management tailored to the individual sites
- Mid Tier provides a range of options and capital items that together help to deliver a broad range of environmental benefits. Within the Mid Tier you can choose from:

#### Wild Pollinator and Farm Wildlife Package (WPFWP)

This package groups management options together. This will help you to provide farmland wildlife with the essential resources they need to thrive and breed successfully. WPFWP includes packages for arable, pastoral, and mixed farms.

The Wildlife Offers provide a simpler set of options to help improve the wildlife on your farm by improving habitats for pollinators, farmland birds and other wildlife.

## The wildlife offers

Four new Countryside Stewardship Scheme offers have been introduced for farmers and land managers.

Significant improvements have been made to the scheme to make it simpler and easier for farmers and land managers to apply.

#### The four new offers are;

- Arable
   Upland
- Lowland Grazing
   Mixed Farming

The Mixed Farming option will provide tailored options covering the full range of different farm types, so farmers and land managers can deliver environmental benefits no matter where they are or what they farm.

The paperwork for the new offers is quicker and easier to get through. This is down to more streamlined evidence checks and shorter application forms, designed to help save farmers valuable time. The scheme is also non-competitive, meaning that all farmers who meet the eligibility requirements can get an agreement to deliver a minimum of 3 options, depending on the offer you have selected.

Further details are available, visit www.gov.uk/countrysidestewardship

# Scotland

The Agri-Environment Climate Scheme promotes land management



practices which protect and enhance Scotland's natural heritage, improve water quality and manage flood risk. Eligible contract holders have been contacted and asked if they wish to receive an extension offer to extend their contract by one year to 31 December 2021.

# The scheme includes a wide range of options for arable farmers:

- Unharvested conservation headlands
- Wild bird seed for farmland birds
- Forage brassica crops for farmland birds
- Stubbles followed by green manure
- Retention of winter stubbles
- Beetlebanks
- Grass strips in arable fields

Further details can be found on the Scottish rural payment's website **www.ruralpayments.org** 

## Wales

Glastir is a 5-year whole farm



sustainable land management scheme available to farmers and land managers across Wales. The scheme is split into 3 sections, Entry, Advanced and Commons and its aims are:

- Reducing carbon and greenhouse gas emissions
- Adapting to climate change and building greater resilience into farm businesses
- Managing our water resources to improve water quality and reduce flood risks
- Contributing to economic sustainability of farms, and the wider rural community
- Protecting the landscape and the historic environment while improving access
- Contributing towards a reversal in the decline of Wales' native biodiversity

#### The scheme includes a wide range of options including:

- Retaining winter stubbles
- Establishing an unsprayed root crop
- Establish a wildlife cover crop
- Unharvested cereal headland

**Championing the Farmed Environment (CFE)** is encouraging farmers and land managers across England to protect and enhance the environmental value of farmland by taking up voluntary measures. CFE will help you choose the best measure, select the right site and manage the area to maximise the environmental value. You can learn more about the campaign by visiting their website **www.cfeonline.org.uk** 

#### **COUNTRYSIDE STEWARDSHIP**





#### **COUNTRYSIDE STEWARDSHIP OPTIONS**

CS O Al		whic on the product pages, it indicates which suitable for, as detailed in the chart below.				CROPS FO	R POLLIN	ATORS		S FIELD GINS		WI	LD BIRD SEI		URES		BRASSICA FODDER CROPS	SC IMPR(	DIL DVING	
CODE	OPTION TITLE	ENVIRONMENTAL BENEFIT	HIGHER TIER	MID TIER	BEE MIX	FLOWER RICH MARGIN	LEGUME 2	MULTISPECIES LEY	BASIC HABITAT	BEETLE BANK	LINNET	BUNTING	BUMBLEBIRD	JACK RUSSELL	BIRD FEEDER	2 WBF	STUBBLE TURNIP/ FORAGE RAPE	LIFT N FIX	SOIL IMPROVER	
		I	PAGE NUM	IBER >	8	9	9	9	10	11	6	6	6	7	7	7	19, 26 & 29		-	
AB1	Nectar flower mix	Boost essential food sources for pollinators	1	1	1															
AB3	Beetle banks	Provides nesting & foraging habitats	1	1						1										
AB8	Flower rich margins & plots	Provides important habitat & foraging area	1	1		1														
AB9	Winter bird food	Food for farmland birds	1	1							1	1		1	1	1				
AB13	Brassica fodder crop	Site for seed eating birds in a pastoral area	1	1													$\checkmark$			
AB15	Two year sown legume fallow	Food for pollinators & farmland birds	1	1			1													
AB16	Autumn sown bumblebird	Food source for birds & nectar feeding insects	1	1									1							
GS4	Legume & herb rich swards	Habitat for invertebrates	1	1				1												
OP2	Wild bird seed mixture	Food source for farmland birds	1	1							1	1		1	1	1				
OP4	Multi species ley	Habitat for farmland wildlife	1	1				1												
OP5	Undersown cereal	Habitat for farmland wildlife	1	1				1												
SW1	4-6m buffer strip on cultivated land	New habitat and protecting landscapes	1	1					1											
SW3	In field grass strips	Helps reduce pesticides transported through surface run-off	1	1					1											
SW4	12-24m watercourse buffer strip	Helps reduce pesticides transported through surface run-off	1	1					1											
SW5	Enhanced management of maize crops	Reduce soil erosion and surface run-off	1	1														1	1	
SW6	Winter cover crops	Reduce nitrate leaching	1	1														1	1	

#### **IMPORTANT NOTE:**

Whilst we have taken every care in the preparation of this guide, it is not a substitute for reading the official rules and regulations associated with the various schemes currently in operation. It is vitally important that you keep fully up-to-date with the latest regulations in force at the time you make your seed purchasing decisions. This information can normally be obtained from various websites or via direct contact with the appropriate government offices in your locality.

### **COUNTRYSIDE STEWARDSHIP OPTIONS**



## **Farmland Birds**

The provision of important food resources for farmland birds is vital in the autumn and winter months and more specifically in the hungry gap period between winter and spring.

The Countryside Stewardship Scheme now has an autumn sown option to complement the spring sown seed mixtures. The Bumblebird mixture below will provide a food source to both farmland birds and nectar feeding insects.



The mixture range below has been researched and

blended with plant species we know are favoured by those

# **Seed Mixtures for Specific Farmland Birds**

Limagrain has been working with a variety of different agencies to produce a range of seed mixtures specifically to feed some of the UK's favourite birds.

#### Linnet

- Produces an abundance of small seeds
- Also suitable for tree sparrows and grey partridges

**Contains:** kale, oilseed rape, red millet, white millet, linseed, mustard, oilseed radish

Supplied in 20 kilo 0.5 hectare units



Alsike clover

Red clover

Mustard

Phacelia

### **Bunting**

bird species.

- Cereal based mixture
- Seed use from September to February
- Also suitable for house sparrow, yellow hammer and skylarks

Contains: Triticale, spring wheat, spring barley, quinoa, red millet, white millet and oilseed radish Supplied in 20 kilo

0.5 hectare units



### **Bumblebird Mixture**

- Abundant supply of small seeds during the winter
- Ideal for tree sparrows and corn buntings
- Pollen and nectar source from early to late summer
- Formulated to attract bumblebees, solitary bees, butterflies and hoverflies
- Autumn sown, establish before 7th September

#### **Mixture Formulation**

- Winter Triticale
- Winter barlev • Fodder radish
- Kale • Crimson clover
  - Common vetch

#### Supplied in 15 kilo 0.5 hectare units

WHY SELECT THIS CROP?

Autumn sown crop for both farmland birds and nectar feeding insects

Birdsfoot trefoil

• Gold of pleasure



#### Jack Russell

- Fantastic feed source for one year
- Herbicide tolerant
- Inclusion of grain sorghum gives structure and winter hardiness
- Seed shed from early Autumn
- Derogation is required before spraying

#### **Mixture Formulation**

- Spring Triticale Grain sorghum
- Millet blend Sunflower
- Oilseed radish Linseed

#### Supplied in 20 kilo 0.5 hectare units



A herbicide tolerant mixture with fantastic colour

## **Bird Feeder**

- A combination of small-seed bearing crops
- Excellent feed potential
- Wide range of use from wild birds
- Good spread of seed shedding dates
- The ultimate bird feeder!
- Spring sown with 2 year potential

#### **Mixture Formulation**

- Linseed Kale Mustard
- Sunflower • Oilseed radish • Millet blend

#### Supplied in 12.5 kilo 0.5 hectare units



Ideal mixture to provide a succession of food for farmland birds

## 2 WBF (2 Year Winter Bird Food)

- A combination of three small-seed bearing crops
- Succession of feed sources
- Triticale and guinoa provide excellent feed for both wild birds and reared game
- Ideally sown on field margins and headlands
- Spring sown with 2 year potential

#### **Mixture Formulation**

- Spring Triticale
   Stubble turnip
   Linseed
- Quinoa Kale Oilseed radish

Supplied in 20 kilo 0.5 hectare units



A great mixture to provide a succession of food for 2 years





#### **CROPS TO FEED BIRDS**







# **Crops to Support Pollinators**

The National Pollinator Strategy Scheme has been set up by the UK Government to ensure pollinators thrive. It aims to provide essential pollination services for crop production, the wider environment and everyone. The mixtures here will provide fantastic areas of flowering plants to help boost the essential food sources for beneficial pollinators, such as bumblebees, solitary bees and butterflies.

#### **Bee Mixture**

- A blend created to attract and maintain bumblebee populations
- Phacelia acts as a prolific flowering nurse crop whilst the red clover and sainfoin establish
- The phacelia will produce a fantastic display of purple flowers that bees will love
- You will be able to hear the mixture buzz!

• Vetch

#### **Mixture Formulation**

- Phacelia
- Oxeye daisy • Birdsfoot trefoil
- Wild carrot Sainfoin
- Alsike clover Red clover

Supplied in 6 kilo 0.5 hectare units



## **Multispecies Ley**

- Grassland creation
- A carefully blended mixture containing key legumes, grasses and herbs

Legumes

 Red clover • White clover

• Alsike clover

• Ideal for creating legumes and herb-rich swards

#### **Mixture Formulation**

#### Grasses

- Meadow fescue
- Tall fescue
- Timothy
- Crested dogstail
   Birdsfoot trefoil
- Perennial ryegrass
- Festulolium

### Supplied in 25 kilo 1 hectare units

#### **Flower Rich Margin**

- Ideal for field margins and buffers
- The mixture contains a blend of 80% grasses and 20% wildflowers
- The mixture will produce a habitat for bees and butterflies in the second year
- The area can be mowed in the first year to help tillering

Wildflowers

Agrimony

• Birdsfoot trefoil

#### **Mixture Formulation**

#### Grasses

- Browntop bent
- Chewings fescue
- Crested dogstail
- Sheeps fescue
- Slender creeping Kidney vetch
- red fescue Smooth stalked
- meadow grass
- Strong creeping

- Two year sown legume fallow
- Provides food for farmland wildlife, such as pollinators
- If used in the rotation, it will help reduce blackgrass
- Flowers between early and late summer

#### **Mixture Formulation**

- Red clover

- Lucerne
- Sainfoin
- Birdsfoot trefoil

#### Supplied in 10 kilo 0.5 hectare units

Salad burnet

• Wild carrot

• Yarrow

Herbs/Wildflowers

Sainfoin

Chicory

Ribgrass

Yarrow

Burnet

#### Knapweed Black medick

#### Red clover

Ribwort plantain

#### Sainfoin • Oxeye daisy • St Johns wort

 Ladys bedstraw • White campion

#### red fescue Supplied in 10 kilo 0.5 hectare units

- - flowering and contaminating arable rotations

• Perennial ryegrass

Alsike clover

#### Common vetch

## Legume 2

#### **CROPS FOR POLLINATORS**







# **Grass Buffers and Field Margins**

The establishment of permanent grass buffer strips will produce new habitats, protect existing landscape features and improve water quality.

If used next to watercourses, buffers and margins can help prevent pollutants and sediments from being transported in surface water run-off. The strips will also provide safe green corridors to link habitats.

### **Beetle Bank**

- Ideal for the creation of 2 metre tussocky grass ridges
- Beetle banks should run from one side of an arable field to the other for maximum benefits
- You may need to cut the grass several times during the first summer to aid establishment
- Provides a good, green corridor for animal movement

#### **Mixture Formulation**

- Chewings fescue
- Timothy
- Sheeps fescue
- Cocksfoot
- Meadow fescue
- Smooth stalked meadow grass

#### Supplied in 10 kilo 0.5 hectare units

# **MARGIN & BUFFER STRIP SOWING CALCULATOR**

		HOW MUCH SEED WI	LL I NEED?		
PRODUCT	PACK SIZE	SOWING RATE PER HECTARE	LENGTH OF FI	ELD MARGIN ONE UNI	T WILL SOW
			2m	4m	6m
Basic Habitat	10 kilos	20 kilos	2500m	1250m	833m
Beetle Bank	10 kilos	20 kilos	2500m	1250m	833m

## **Basic Habitat**

- Ideally suited for either 2, 4 or 6 metre buffer strips
- Contains grasses that are the food plants of several butterflies and insects
- Once established, the mixture can help protect habitats from sprays and fertiliser applications
- Sow in spring or autumn

#### **Mixture Formulation**

- Chewings fescue
- Bent grass
- Smooth stalked meadow grass
- Timothy
- Tall fescue
- Meadow fescue
- Red fescue

#### Supplied in 10 kilo 0.5 hectare units





#### **GRASS FIELD MARGINS**





# Mixture Composition

We have carefully formulated our wildflower mixtures to meet a number of different habitats and soil types. This can range from a sandy soil to a hedgerow habitat. Low maintenance grass species (see panel below) are included in the mixtures to act as a nurse crop in the

early years of establishment and growth. The grasses help suppress weed invasion. whilst allowing the wildflowers to flourish.

All our Wildflower mixtures contain 80% grasses and

#### 80% Grasses

Browntop bent Agrostis capillaris Chewings fescue Festuca rubra commutata Crested dogstail Cynosurus cristatus Sheep's fescue Festuca ovina Slender creeping red fescue Festuca rubra litoralis Smooth stalked meadow grass Poa pratensis Strong creeping red fescue Festuca rubra rubra

# Wildflower **Management Guidelines**

Select a weed-free site of low fertility. Fertiliser should not be used, since broad-leaved and grass weeds, together with cultivated grasses contained in standard mixtures, can be highly competitive on fertile soils. This can adversely affect seed germination, establishment and subsequent growth. However, increased grass cutting can help to counteract over-competitive growth.

Control weeds before sowing. Annual weeds may be hoed, buried or killed with a contact herbicide. Perennial weeds should be eradicated by a translocated glyphosate-based herbicide. Sow mixtures either from early March to early May, or from early August to mid-September. This will ensure optimum establishment of most species.

Cultivate the ground to provide a fine, weed-free seed bed. Firm if necessary. Take care to sow evenly, at the recommended rate. Thoroughly mixing one part seed with four parts dry sand makes it more easily distributed. Rake the seed in lightly with a spring-tined rake and firm the soil by treading or, preferably, rolling. This ensures that the seed comes into contact with moisture in the soil.

Water with a fine spray. This will avoid disturbing the surface of the soil. Keep the area well-watered and free from any unwanted plants.

Cut the sward every six to eight weeks during the first year after sowing and remove the cuttings. This will prevent the grass from over growing the slower growing wildflowers.

In the following years, cut in early spring, before growth starts, and in October, after all wildflower seeds have been shed. Remove the cuttings.

#### Wildflower Sowing Guide

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		•	•	•	٠	٠	•	•				
So	wind	nos	sible			On	timu	m so	wina	wind	low	



## LG 1 Woodland and Heavy Shade

- A carefully selected Betony mixture suitable Stachys officinalis for shaded areas Bluebell and woodlands Hyacinthoides non-scripta
- Sowing rate 3-5g/m<sup>2</sup>
- Pack size 1 kilo

Digitalis purpurea **Garlic Mustard** Alliaria petiolata

Foxglove

**Hedge Bedstraw** Galium mollugo

Hedge Woundwort Stachys sylvatica



- Suitable for damp, Betony moist and wet soils also Stachys officinalis on saturated banks of **Greater Birdsfoot Trefoil** ponds, streams, rivers Lotus uliginosus and ditches
- Sowing rate 3-5g/m<sup>2</sup>
- Pack size 1 kilo

Meadow Buttercup Ranunculus acris

Centaurea nigra

**Common Knapweed** 

Meadowsweet

Filipendula ulmaria Oxeye Daisy

Agrimonia eupatoria

Stachys officinalis

**Black Medick** 

Leucanthemum vulgare

## LG 3 Limestone Mix

Rumhlehee

 On soils overlying limestone or chalk. particular types of flowers can be found, and these are contained in this carefully selected blend of species Sowing rate 3-5g/m<sup>2</sup>

Pack size 1 kilo

Medicago lupulina Common **Birdsfoot Trefoil** Lotus corniculatus Knapweed Centaurea nigra

**Birdsfoot Trefoil** 

Lotus corniculatus

**Bulbous Buttercup** 

Ranunculus bulbosus

**Common Vetch** 

Centaurea nigra

Vicia sativa

Knapweed

Agrimony

Betony

Cowslip Bumblebee Primula veris

## LG 4 Clay and Heavy Soils

- This mixture can be sown on all clay soils and uses species typically found on this soil type
- Sowing rate 3-5g/m<sup>2</sup> Pack size 1 kilo





Trifolium dubium

**Oxeye Daisy** Leucanthemum vulgare Salad Burnet Sanguisorba minor Self Heal

Prunella vulgaris Teasel

Dipsacus fullonum Wild Carrot

Taraxacum officinale **Field Scabious** Knautia arvensis Greater Knapweed Centaurea scabiosa **Hoary Plantain** Plantago media **Kidney Vetch** Anthyllis vulneraria **Oxeve Daisv** Leucanthemum

Dandelion

vulgare

#### **WILDFLOWERS**

**Nettle-Leaved Bellflower** Campanula trachelium **Red Campion** Silene dioica

Prunella vulgaris

Self Heal

Wild Angelica Angelica sylvestris

Wood Avens Geum urbanum

Wood Sage Teucrium scorodonia

**Purple Loosestrife** Lythrum salicaria **Ragged Robin** Lychnis flos-cuculi

**Red Campion** Silene dioica

Self Heal

Prunella vulgaris

Sneezewort Achillea ptarmica

Water Avens Geum rivale

> Salad Burnet Sanguisorba minor Self Heal Prunella vulgaris

Wild Basil Clinopodium vulgare

Wild Carrot Daucus carota

Wild Mignonette Reseda lutea

Yarrow Achillea millefolium **Yellow Rattle** 

Rhinanthus minor

Daucus carota









#### **WILDFLOWERS**

### LG 5 Acid Soils Mix

- The flowers selected in this mixture naturally occur on soils characterised by a low pH, which allows you to produce a flowery sward on a range of acid soils
- Sowing rate 3-5g/m<sup>2</sup> • Pack size 1 kilo



Devil's-Bit Scabious Common **Birdsfoot Trefoil** Succisa pratensis Lotus corniculatus Common Knapweed Galium verum Centaurea nigra **Common Sorrel** Rumex acetosella **Common Toadflax** Linaria vulgaris **Common Vetch** Vicia sativa Dandelion

Lady's Bedstraw Meadow Buttercup Ranunculus acris Musk Mallow Malva moschata Oxeye Daisy Leucanthemum vulgare St John's-Wort Hypericum perforatum



## LG 6 General Purpose/Loam Soils

Betony

- This mixture is suitable for establishing flowery grassland on all loam/alluvial type soils and can produce a rich, diverse sward
- Sowing rate 3-5g/m<sup>2</sup> Pack size 1 kilo



Stachys officinalis **Common Birdsfoot Trefoil** Lotus corniculatus **Bulbous Buttercup** Ranunculus bulbosus Catsear Hypochaeris radicata Cowslip Primula veris

Common Knapweed Centaurea nigra

Taraxacum officinale

Lady's Bedstraw Galium verum **Oxeye Daisy** Leucanthemum vulgare Salad Burnet Sanguisorba minor Self Heal Prunella vulgaris White Campion Silene latifolia

**Ragged Robin** 

Prunella vulgaris

White Campion

Self Heal

Silene alba

Wild Basil

vulgare

Clinopodium

**Yellow Rattle** 

Rhinanthus minor

Lychnis flos-cuculi





Betony

**Garlic Mustard** 

Alliaria petiolata

**Hedge Bedstraw** 

Hedge Woundwort

Galium mollugo

Stachys sylvatica

Hairy St John's-Wort Hypericum hirsutum

- Suitable for field and woodland margins
- Sowing rate 3-5g/m<sup>2</sup>
- Pack size 1 kilo



# LG 8 Sandy/Dry Soils Mix

- On free draining sandy soils, we advise the use of this mixture to recreate a meadow typical for this soil type
- Sowing rate 3-5g/m<sup>2</sup>
- Pack size 1 kilo



Black Medick Medicago lupulina **Birdsfoot Trefoil** Lotus corniculatus Knapweed Centaurea nigra Dandelion Taraxacum officinale Field Forget-Me-Not Mvosotis arvensis

Lady's Bedstraw Galium verum **Musk Mallow** Malva moschata **Oxeye Daisy** Leucanthemum vulgare Perforate St John's-Wort Hypericum perforatum

**Kidney Vetch** 

Anthyllis vulneraria

**Ribwort Plantain** Plantago lanceolata

Self Heal Prunella vulgaris Viper's Bugloss Echium vulgare White Campion Silene alba Wild Carrot Daucus carota Wild Mignonette Reseda luteola Yarrow Achillea millefolium **Yellow Rattle** Rhinanthus minor



# Crops for Game & Wildlife Management

# Crop options for winter holding, brood rearing and game drives

Cover crops can provide additional drives, autumn and winter feed as well as fantastic environmental benefits for wildlife. We have seen over the last few years an increase in the use of multispecies seed mixtures, some of which are herbicide tolerant, and provide a more diverse habitat than single sown species.

# Stachys officinalis **Common Knapweed** Centaurea nigra

Prunella vulgaris Teasel

Geum urbanum Yarrow

**Red Campion** Silene dioica Self Heal Dipsacus fullonum Wood Avens

Achillea millefolium



#### **HiBird Maize Blend**

- Our best selling gamecover maize
- All varieties are selected for good early vigour and standing power
- Laboratory tested for germination and vigour
- Contains varieties bred by Limagrain
- Seed can be treated with Korit bird repellent or a standard fungicide

#### CROP HEIGHT 180-200cm

Packed in 50,000 seed units



HiBird Maize Blend will achieve a spread of maturity, cob ripeness and supply a valuable source of feed



#### **HiBird Compact**

- Ideal for late sowings
- Compact and short growth habit will ensure beating lines are kept straight
- Excellent early vigour and good standing power
- A hybrid selected from Limagrain's own breeding programme
- Seed is treated with Korit bird repellent and a fungicide

#### **CROP HEIGHT 150-170cm**

#### Packed in 50,000 seed units

WHY SELECT THIS CROP?

HiBird Compact is suitable for the more challenging maize growing areas and can be sown as late as mid June

#### **HiBird Late**

- Late variety
- Limited cob development
- Reduces food source for rats and badgers
- Selected from Limagrain's own breeding programme
- Seed is treated with Korit bird repellent and a fungicide

#### **CROP HEIGHT 180-200cm**

#### Packed in 50,000 seed units

WHY SELECT THIS CROP?

Limited cob development if the crops are sown later



COMPA



## **Dwarf Shorty**

- Ideal for driving and winter cover
- Can make excellent flushing points within maize
- Excellent replacement for kale
- Adds warmth to maize crops when sown adjacent
- Weed control possible
- Not suitable for Northern England or Scotland

#### CROP HEIGHT 90-100cm

#### Supplied in 12.5 kilo 0.5 hectare units

WHY SELECT THIS CROP?

Low crop canopy provides WHY making Shorty the ultimate THIS

SELECT CROP?

warmth and security, driving crop

Intermediate • Ideal replacement for maize

- Makes excellent controlled driving cover
- Herbicide use possible
- Best sown in June

#### **CROP HEIGHT 120-150cm**

Supplied in 12.5 kilo 0.5 hectare units

#### SORGHUM





### **Giant Jumbo Star**

- Tall, dense cover ideally used for a windbreak around maize
- Good vigour and fast growth
- Later drilled crops will have reduced height potential
- Crops can screen guns allowing them to get in position without disturbing the birds

#### **CROP HEIGHT 200-220cm**

Supplied in 12.5 kilo 0.5 hectare units

If rats and badgers are a problem, Intermediate can provide a similar height to maize crops without the cob!



Jumbo Star can be sown later than other sorghums, just watch it grow!

#### Caledonian

- The first kale bred with clubroot tolerance
- Caledonian can be continuously sown on brassica sick sites
- A taller kale allowing for easier bird access
- Winter hardy
- Excellent germination and vigour potential
- British bred, reliable and trusted
- Seed available with Start-uP® nutrient package
- Sow at 5 kilos per hectare

#### **CROP HEIGHT 90-100cm**

WHY SELECT THIS CROP?

failure? Caledonian comes with clubroot tolerance

# Why run the risk of crop

#### Keeper

- A shorter variety with excellent lodging resistance
- Excellent leaf cover with a bare floor
- High leaf to stem ratio
- British bred and fully tested for germination and vigour to ensure maximum establishment
- Winter hardy
- Seed available with Start-uP® nutrient package
- Sow at 5 kilos per hectare

#### **CROP HEIGHT 80-90cm**

WHY SELECT THIS CROP?

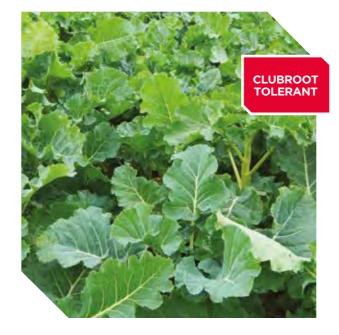
A high leaf to stem ratio ensures maximum cover and protection for your birds

#### **START-UP® SEED**

#### START-UP ADVANCED SEED TREATMENT TO PROMOTE EARLY ROOT DEVELOPMENT

Start-uP® consists of a unique combination of soluble nutrients and bio-active compounds. It contains a highly mobile form of phosphorus known as phosphite - a molecule which can move through the major transport routes of the plant (the xylem and phloem) much faster than conventional phosphate fertiliser.

Combined with a naturally derived bio active complex to promote rapid early root development and maintain overall plant health, Start-uP® is able to provide a readily available source of essential nutrients and other beneficial compounds precisely when and where they are most needed by the plant.









#### Carbon (Kale x Mustard)

- Excellent cover produced in a short period of time
- Best sown in June or July
- Excellent cover by November
- Frost tolerant
- Ideal for new sowings or for patching existing areas
- Can be sown into cereal stubble
- Seed is treated with Start-uP® nutrient package
- Sow at 4 kilos per hectare

#### **CROP HEIGHT 60-100cm**

#### Interval (Rape/Kale hybrid)

- kale parentage
- Excellent establishment and early vigour • Ideal replacement for kale when sown in
- June or July
- Winter hardy, full season cover • Can be used as a pioneer or rescue crop
- Seed available with Start-uP® nutrient package
- Sow at 5 kilos per hectare

#### **CROP HEIGHT 50-100cm**

WHY Fantastic dry cover SELECT produced in a short time THIS CROP?

WHY SELECT THIS CROP?

#### BRASSICAS





- Fantastic fast growing rape with

#### Skvfall (Hybrid Brassica)

- Fast growing and leafy
- Late sown option for June to August
- Large leaves for extra cover
- Can be successfully grazed after use
- Can be sown into cereal stubble
- Seed is treated with Start-uP® nutrient package
- Sow at 5 kilos per hectare

#### **CROP HEIGHT 30-40cm**

Crop failed or left it late? Interval is the ultimate fast growing cover provider



Late sown cover provider, ideal for partridges



## Magic Millet

- Dense reed millet
- Ideal for use alongside maize
- Windproof and warming
- Good flushing point
- Also contains red and white millet for feed value
- Winter hardy

#### CROP HEIGHT 100-120cm

#### Supplied in 10 kilo 1 hectare unit





## **Prosso White Millet**

- This high yielding variety will provide huge seed yields
- Ideal for use with maize crops
- Can be used as a feeding block or flushing point
- Sow at 10-15 kilos per hectare

#### CROP HEIGHT 80-100cm

#### Supplied in 10 kilo 25 kilo units

# We can also supply:

Red Millet

WHY

THIS

CROP?

SELECT

#### • Tanka Millet Mix

# Sunflowers

Sunflowers have travelled the world since their discovery in America, where native Americans domesticated and bred the plant. Spanish boats crossed the Atlantic Ocean and christened the plant Helianthus annuus from the Greek "Helios" meaning sun.

Used initially as an ornamental plant until an English inventor – Arthur Bunyan developed a method for extracting the oil from the seeds.

Sunflowers sown in April or early May can grow quickly in warm weather; flowers begin to form in June and show colour by the end of July and August. Flowering lasts approximately 2-3 weeks and seed use by farmland birds and game can begin in early October.

### Sunspot

- Large, attractive flowers
- Excellent seed production
- Good standing ability
- Used by finches and game birds
- From Limagrain's plant breeding programme

#### CROP HEIGHT 130-150cm

#### Supplied in 12.5 kilo 1 hectare units

WHY Excellent autumn feed source for game & farmland birds CROP?

# WHY SELECT fr THIS CROP?

Winter hardy millet for later use

WHY Feeding bird SELECT expensive, v THIS your own fe CROP? your costs?

**Top Flush Millet** 

• Feed value from September

sown adjacent to maize

**CROP HEIGHT 80-100cm** 

Supplied in 10 kilo 1 hectare units

seed shed

to December

and warmth

• A carefully blended mixture of red, panorama and white millets

• Mixture ensures a wider window of

• Provides an excellent feed block if

• Can be cross drilled or broadcast

in maize crops to add feed value

Feeding birds can be expensive, why not grow your own feed and reduce your costs? Huge seed yields will provide additional feed and prevent birds from roaming

#### **SUNFLOWERS**







## **Golden Retriever**

- Stomp Aqua tolerant
- Excellent full season cover combined with seed shed potential
- Ideal driving cover for pheasants or partridges
- Winter holding potential
- Attractive to wild birds as well!

#### CROP HEIGHT 200-220cm

#### **Mixture Formulation**

- Dwarf sorghum
- Dwarf sunflowers
- Millet blend
- Oilseed radish

#### Supplied in 12.5 kilo 0.5 hectare units

#### STOMP AQUA TOLERANT

#### Stomp Aqua is effective against:

- Grass weeds
- Pansy
- Speedwells
- ChickweedKnotgrassDead nettleNettle
- Shepherd's purse Fat hen

# Jack Russell

• Fantastic feed source for one year

STOMP AQUA

TOLERANT

CS Option AB9, OP2

- Herbicide tolerantInclusion of grain sorghum gives
- structure and winter hardinessSeed shed from early autumn
- Derogation is required before spraying

#### CROP HEIGHT 150-200cm

# Mixture Formulation

- Spring Triticale Grain sorghum
- Millet blend
   Sunflower
- Oilseed radish
   Linseed

#### Supplied in 20 kilo 0.5 hectare units

#### Supplied in 8 kilo 0.5 hectare units

Cocker

• Butisan 'S' tolerant

• If weed control is your priority,

this is the mixture for you!

• Full season cover for 2 years

**CROP HEIGHT 80-90cm** 

**Mixture Formulation** 

• Caledonian kale

Oilseed radish

Mustard

Linseed

• Derogation is required before spraying

#### **BUTISAN 'S' TOLERANT**

BUTISAN 'S' TOLERANT

#### Butisan 'S' is effective against:

Butisuit 5 is effective ug	unist.
<ul> <li>Annual meadow grass</li> </ul>	<ul> <li>Groundse</li> </ul>
<ul> <li>Shepherd's purse</li> </ul>	<ul> <li>Speedwe</li> </ul>
<ul> <li>Chickweed</li> </ul>	<ul> <li>Mayweed</li> </ul>



		PRE-EMERGENCE	RGENCE			POST-EMERGENCE	ERGENCE	
	Stale Seedbed	Crystal	Picona	Stomp Aqua	Basagran SG	Crystal	Picona	Stomp Aqua
TYPE OF WEED CONTROLLED	G&B	G&B	G&B	G&B	B	G&B	G&B	G&B
Max rate litre or Kg/Ha Application Timing	A A A	4 4	ΜĄ	2.9 or 3.3 S & A	ہ – م	4 4	ъĄ	2.9 or 3.3 5 & A
				MAINCROP				
Beans	YES			YES (max 2.9)	YES			
Borage	YES							
Buckwheat	YES	CE (max 2)				CE (max 2)		
Fodder Beet	YES							
Gold of Pleasure	YES	CE (max 2)		CE (max 2.9)		CE		CE (max 2.9)
Kale	YES	CE						
Linseed	YES	CE	CE	CE (max 2.2)	YES			YES (max 2.2)
Maize	YES	CE		YES (max 3.3)	YES			YES (max 3.3)
Nyger	YES	YES		CE (max 2.9)				
Pearl Millet	YES	YES (max 2)						CE (max 2.2)
Red Millet	YES	CE	CE	CE (max 2.2)	CE	YES	Щ	CE (max 2.9)
White Millet	YES	CE	CE	CE (max 3.3)	CE	CE	Щ	YES (max 3.3)
Quinoa	YES							
Sainfoin	YES			YES (max 2.9)				
Dwarf Sorghum	YES	YES	CE	CE (max 3.3)		YES	CE (max 2)	YES (max 3.3)
Spring Oilseed Rape	YES							
Triticale	YES	YES	YES	YES (max 2.9)		YES	YES	YES (max 2.9)
Sunflower	YES	CE		CE (max 2.9)				CE (max 2.9)
Swede	YES							
Sweet Clover	YES	YES (max 2)		YES (max 2.2)		CE (max 2)		YES (max 2.2)
			CROF	CROP COMBINATIONS				
Kale & Quinoa	YES							
Maize & White Millet	YES	CE		CE (max 2.9)	CE			YES (max 3.3)
Maize & Sunflower	YES	CE		CE (max 2.9)				CE (max 2.9)
			PER	PERENNIAL CROPS				
Canary Grass	YES	YES	CE	YES (max 2.9)	CE	CE (max 2)	IJ	CE (max 2.9)
Chicory	YES	CE		CE (max 2.2)		Ш		YES (max 2.2)
Teasel	YES	YES		CE (max 2.9)				CE (max 2.9)
			U	CATCH CROPS				
Oilseed Radish	YES							
Forage Rape	YES							
Mustard	YES	YES		CE (max 2.9)				
Phacelia	YES							
Stubble Turnip	YES							
Texcel Greens	YES	YES		YES (max 2.9)				
	e en c		Ŧ	HI-BIRD MIXTURES				
Pro Driver	YES	l						
Golden Ketriever	YES	E		CE (max 2.9)				CE (max 2.9)
Cocker	YES							
Pointer	YES			CE (max 2.2)				CE (max 2.9)
King Mix	YES							
Chaniel								

22

#### HERBICIDE GUIDELINES

23



### Setter

- Two year, full season cover and feed
- Traditional mixture using a wide range of species
- Excellent seed shed from September onwards
- Fantastic for insect use
- Perfect winter holding cover
- Fully tried and tested

#### CROP HEIGHT 150-200cm

#### **Mixture Formulation**

- Phacelia
- Keeper kale Sweet clover
- Millet blend Buckwheat
- Maize Sunflower

#### Supplied in 12.5 kilo 0.5 hectare units

Mustard

Setter will provide you with

cover and feed throughout

a two year period

WHY SELECT THIS CROP?





- Two year full season cover and feed
- Ideal for use in cooler, more exposed areas
- Triticale cereal helps prevent rabbit damage
- Brood rearing potential

#### **CROP HEIGHT 100cm**

#### **Mixture Formulation**

- Spring Triticale Linseed
- Mustard Quinoa
- Kale

WHY

THIS

SELECT

CROP?

#### Supplied in 20 kilo 0.5 hectare units

- Labrador will tolerate low WHY pH and difficult soil types THIS CROP?

If partridges are your SELECT passion then Pro Driver's crop structure is ideal

Linseed

• Quinoa

**Pro Driver** 

of days

Kale

Mustard

and controlled drives

• Fully tried and tested

• Huge seed shed potential

**CROP HEIGHT 90-100cm** 

**Mixture Formulation** 

Suppllied in 8 kilo 0.5 hectare units

• Thinner canopy for easier bird access

• Will show birds on the most inclement



## Pointer

- A superb combination of fast establishment, winter hardiness and high feed value
- Includes new clubroot tolerant Bombardier kale
- Also includes Interval rape/kale hybrid for quick establishment and growth
- Sandoval quinoa gives a good mixture of early, intermediate and late maturing seed heads
- A great mixture to hold birds right to the end of the season

#### CROP HEIGHT 100-120cm

#### **Mixture Formulation**

- Bombardier kale
- Interval rape/kale hybrid
- Sandoval guinoa

#### Supplied in 3.5 kilo 0.5 hectare units



A great combination of feed, cover and reliability

#### **GAMECOVER MIXTURES**



## Magnet

- Best sown in September/October
- Fantastic brood rearing cover the following spring
- Phacelia adds colour and insect use
- Seed shed from late summer onwards
- Fully tried and tested

#### **CROP HEIGHT 100cm**

#### **Mixture Formulation**

- Triticale
- Oilseed radish
- Phacelia
- Linseed
- Forage rape
- Mustard

#### Supplied in 15 kilo 0.5 hectare units



Autumn sown option

#### Spaniel

- Summer sown drought tolerant cover mixture
- Can be broadcast into cereal stubble
- Useful for patching areas where drought or flea beetle damage has occurred
- Fodder radish retains its seeds late into the season
- More winter hardy than mustard

#### **CROP HEIGHT 80-100cm**

#### **Mixture Formulation**

- Carbon Interval rape/kale
- Oilseed radish Mustard

#### Supplied in 5 kilo 0.5 hecctare units

WHY SELECT THIS CROP?

If your crop has failed or established poorly, this fast growing recovery mixture can save the day!

#### Interval (Rape/Kale hybrid)

- Fantastic fast growing rape with kale parentage
- Excellent establishment and early vigour
- Ideal replacement for kale when sown in June or July
- Winter hardy, full season cover
- Can be used also as a pioneer or rescue crop

#### **CROP HEIGHT 50-100cm**

#### Supplied in 5 kilo 1 hectare units

WHY SELECT THIS CROP?

Crop failed or left it late? Interval is the ultimate fast growing cover provider

# Carbon

- Excellent cover produced in a short period of time
- Best sown in June or July
- Excellent cover by November
- Frost tolerant
- Ideal for new sowings or for patching existing areas
- Can be sown into cereal stubble
- Seed is treated with Start-uP® nutrient package

#### **CROP HEIGHT 60-100cm**

#### Supplied in 2 kilo 0.5 hecctare units

WHY Fantastic dry cover produced in a short time SELECT THIS







#### Springer

- Ideal for sowing on areas that cannot be sown annually
- Triticale will provide feed in the first year
- Second and third years will see the chicory flower at a height of 1.5m
- Very drought tolerant due to deep rooting chicory
- Excellent driving cover

#### CROP HEIGHT 150-200cm (second year)

#### **Mixture Formulation**

• Perennial chicory • Spring Triticale

Supplied in 20 kilo 0.5 hectare units



Ideal for sowing on areas that cannot be sown annually



## **Reed Canary Grass**

- Tall perennial cover
- Driving and nesting cover potential
- UK native
- Can be sown on difficult soil types
- Produces stolons and creeps
- Sow in 30" wide rows

CROP HEIGHT 50-60cm (first year) **150cm** (subsequent years)

Supplied in 3 kilo 0.5 hectare units

WHY SELECT THIS CROP?

Wood or hedgeside perennial cover

#### Chicory

- Perennial chicory
- Spring sown
- Excellent driving cover in second year
- Deep rooted
- Drought tolerant
- Best mixed with other species in first year

CROP HEIGHT 30-40cm (first year) 150-200cm (second year)

#### Supplied in 3 kilo 0.5 hectare units



Tall, spectacular cover



CROP?



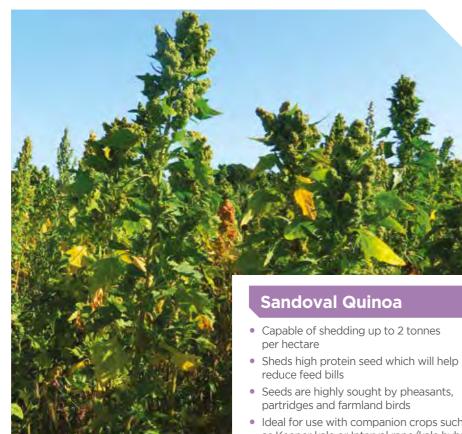


#### **PERENNIAL SOLUTIONS**









• Ideal for use with companion crops such as Keeper kale or Interval rape/kale hybrid

#### **CROP HEIGHT 80-150cm**

#### Supplied in 5 kilo 0.5 hectare units



# Canary Grass

- Perennial cover
- Will grow on poor soils and exposed areas
- Second year growth can reach 2 metres
- Takes two years to become fully established
- Driving or nesting cover

CROP HEIGHT 50-60cm (first year) **150cm** (subsequent years)

#### Supplied in 3 kilo 0.5 hectare units



#### **Oilseed Radish**

- Very fast growth
- Good weed suppressant
- Seeds are used by wild birds late into winter
- Can be used for biomass green manure
- Sown at 20 kilos per hectare

#### **CROP HEIGHT 60-80cm**

Supplied in 5 kilo or 20 kilo units



#### Phacelia

- Extremely fast growing catch crop
- Brilliant pretty blue flowers attract huge
- numbers of insects
- Pollen and nectar provider
- Competes well with weeds
- Care should be taken in following crops, as phacelia can reseed itself readily

#### **CROP HEIGHT 30-60cm**

#### Supplied in 5 kilo 0.5 hectare units



#### **Texcel Greens**

- Summer sown cover crop
- Better winter hardiness than white mustard
- Ideal for use on areas where spring sown cover has failed
- Sown at 5 kilos per hectare

#### **CROP HEIGHT 40-70cm**

#### Supplied in 1 kilo units

#### **CROP HEIGHT 30-100cm**

#### Supplied in 10 kilo or 20 kilo units



- Can be sown in woodland glades
- Sown at 50 kilos per hectare

#### **CROP HEIGHT 70-120cm**

#### Supplied in 10 kilo or 25 kilo units



### Mustard

- Fast establishment and drought tolerant cover
- Ideal summer sown catch crop
- Broadcast or drill into cereal stubble
- Resilient to rabbit damage because of its rapid establishment
- Drill at 15-20 kilos per hectare



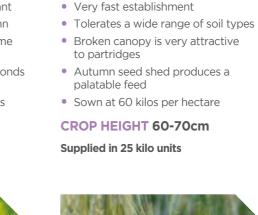
# **CROP HEIGHT 90-100cm**

winter months

Spring sown

feed value

Supplied in 25 kilo units















#### **OTHER USEFUL CROPS**





#### **Sweet Clover**

- A nectar producing biennial clover
- Thrives on neutral and calcareous soils
- Ability to fix "free nitrogen"
- Second year growth can reach 1-2 metres in height
- Best sown in conjunction with kale or canary grass

#### **CROP HEIGHT 85-150cm**

Supplied in 5 kilo 0.5 hectare units



### **Spring Triticale**

• Increased seed head emergence and

• Will tolerate poorer soils with low pH levels

• Resilient to rabbit damage

• Seed heads should remain late into the

• Sow at 125 kilos per hectare



#### **Stubble Turnip**

- The best cereal crop for gamecover situations A very fast-growing cover provider
  - Ready to utilise in 12 weeks from sowing
  - Tankard shaped varieties like Samson grow out of the ground and therefore hold their leaves higher for improved canopy
  - Ideal for sowing in the summer and autumn (less weed pressure)
  - Can be grazed by sheep afterwards

#### **CROP HEIGHT 80-100cm**

#### Supplied in 5 kilos 1 hectare units

#### **Estate Grass Mixture**

- Ideal for producing release pen areas
- Amenity grasses produce a good dense floor
- Hardwearing
- Ideal for birds to dry off and feed
- Can be left uncut to produce taller cover
- Estate can grow in shaded areas

#### **Mixture Formulation**

- Amenity perennial ryegrass
- Creeping red fescue

#### Supplied in 20 kilo units



Great for professional release pen areas



## **Beetle Bank**

- Ideal for the creation of 2 metre tussocky grass ridges
- Beetle banks should run from one side of an arable field to the other for maximum benefits

grass

- You may need to cut the grass several times during the first summer to aid establishment
- Good green corridor for animal movement

#### **Mixture Formulation**

• Ch	ewings	٠	Sheeps fescue	•	Smooth
------	--------	---	---------------	---	--------

- fescue Cocksfoot stalked meadow
- Timothy Meadow fescue

#### Supplied in 10 kilo 0.5 hectare units

WHY
SELECT
THIS
CROP?

Great habitat for insects and small mammals



and the second second

These products are cultivated flowers and are not suitable for Countryside Stewardship. They will however brighten up all amenity areas.

## **Festival**

- Tall growing mixture, 1m 1.5m, ideal for adding a splash of colour to any dull area
- Contains new varieties, such as Sunbow Zinnia, which provides several waves of flowers over a longer time period
- Good ground cover and a source of insects and wildlife
- Appropriate mixture for dry land

#### Floral Arrangement:

Annuals, 5 flowers Sowing: April - May, 2g/m<sup>2</sup> Germination: 8-10 days in the correct conditions Flowering: Mid-June to mid-November



## Aurora

- Medium height mixture, around half a metre tall
- New varieties; Sunbow Zinnia and Trianon Cosmos provide more effective and long-lasting flowering
- Ideal for soil with more organic material and nutritive mineral elements

#### **Floral Arrangement:**

Annuals, 5 flowers Sowing: April - May, 2g/m<sup>2</sup> Germination: 8-10 days in the correct conditions Flowering: from mid-June to early November



# **Honey Bee**

- Tall growing mixture, around 1m to 1.5m
- Composed of flowering plants for landscaping which will attract insects
- Perfect mix for attracting pollinating insects, whilst beautifying the countryside
- Yellow Cosmos, Godetia and Black Eyed Susan are included in the mixture

#### **Floral Arrangement:**

Annuals, 11 flowers Sowing: April - June 2g/m<sup>2</sup> Germination: 8-10 days in the correct conditions Flowering: Mid-June to mid-October



Please visit www.lgseeds.co.uk/colour-splash to see the full Colour Splash collection













USE	PRODUCT	PACK SIZE	SOWING RATE (per hectare)	SOWING DATE	CROP DURATION
	F	NVIRONMENTAL SEE			(years)
Pollinators	Flower Rich Margin	10 kg 0.5 ha	20 kg	April-Sept	5
Pollinators	Bee Mixture	6 kg 0.5 ha	12 kg	April-Sept	5
Pollinators	Legume 2	10 kg 0.5 ha	20 kg	April-Aug	5
Pollinators	Multispecies Ley	20 kg 1 ha	20 kg	April-Aug	5
Grass Margin	Basic Habitat	10 kg 0.5 ha	20 kg	April-Sept	5
Grass Margin	Beetle Bank	10 kg 0.5 ha	20 kg	April-Sept	5
Wild Bird Seed Mix	2 WBF	20 kg 0.5 ha	40 kg	April-June	2
Wild Bird Seed Mix	Bumblebird	15 kg 0.5 ha	30 kg	June-Sept	2
Wild Bird Seed Mix	Birdfeeder	12.5 kg 0.5 ha	25 kg	April-June	2
Wild Bird Seed Mix	Jack Russell	20 kg 0.5 ha	40 kg	April-June	1
Wild Bird Seed Mix	Linnet	20 kg 0.5 ha	40 kg	April-June	2
Wild Bird Seed Mix	Magnet	15 kg 0.5 ha	30 kg	June-Aug	1
Wild Bird Seed Mix	Bunting	20 kg 0.5 ha	40 kg	April-June	2
	GAMEC	OVER AND CONSER	0		
Winter Holding	Setter	12.5 kg 0.5 ha	25 kg	April-June	2
Winter Holding	Labrador	20 kg 0.5 ha	40 kg	April-June	2
Driving Cover	Pro Driver	8 kg 0.5 ha	16 kg	April-June	1
Driving Cover	Cocker	8 kg 0.5 ha	16 kg	April-June	2
Driving Cover	Golden Retriever	12.5 kg 0.5 ha	25 kg	May-June	1
Ŭ	GAME	COVER AND CONSE	-	-	
Driving Cover	Maize	50,000 seeds 0.5 ha	100,000 seeds	April-June	1
Driving Cover	Sorghum	12.5 kg 0.5 ha	25 kg	May-June	1
Driving Cover	Kale	5 kg 1 ha	5 kg	April-June	2
Seed Provider	Top Flush Millet	10 kg 1 ha	10 kg	April-June	1
Driving Cover	Magic Millet	10 kg 1 ha	10 kg	April-June	1
Seed Provider	Sunflower	12.5 kg 1 ha	12.5 kg	April-May	1
Seed Provider	Quinoa	5 kg 0.5 ha	10 kg	April-May	1
Seed Provider	Buckwheat	25 kg 0.5 ha	50 kg	April-May	1
Seed Provider	Triticale (spring)	25 kg 0.2 ha	125 kg	March-April	1
		PERENNIAL SOL	UTIONS		
Driving Cover	Canary Grass	3 kg 0.5 ha	6 kg	April-June	3-4
Driving Cover	Springer	20 kg 0.5 ha	40 kg	April-May	3 (Chicory)
Driving Cover	Chicory	3 kg 0.5 ha	6 kg	May-June	3 (Chicory)
		SUMMER/AUTUM	-		
Recovery	Spaniel	5 kg 0.5 ha	10 kg	June-Aug	1
Fast Growing and Recovery	Mustard	10 kg 0.5 ha	20 kg	May-Sept	1
Pollinators	Phacelia	5 kg 1 ha	5 kg	April-Aug	1
Recovery	Carbon	2 kg 0.5 ha	4 kg	June-Aug	1
Recovery	Interval	5 kg 1 ha	5 kg	June-Aug	1

# Notes

#### **TERMS & CONDITIONS OF SALE**

All varieties and products listed in this catalogue are offered strictly subject to safe harvest, final certification and remaining unsold on receipt of orders. All other terms & conditions of sale will be advised by your individual HiBird distributor or stockist.

Version 2021









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