

2018

11th edition

MORE GRASS

Professional guide to grass seed mixtures,
clovers & catch crops

GET YOUR FREE
MORE  GRASS Bag
- Coupon inside -

www.moregrassireland.com

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In this catalogue some species and varieties are marked with

● or ●

● = Coated seed pre-inoculated with rhizobia bacteria to ensure rapid symbiosis between plant and bacteria and to secure nitrogen fixing

● = Varieties of the newest breeding generation with weak stem re-growth ability, to improve grass quality and animal uptake

MoreGrass Ireland makes every effort to maintain the accuracy and quality of the information provided in this catalogue. However, MoreGrass cannot guarantee and assumes no legal liability or responsibility for the accuracy or completeness of the information provided. The information contained in this catalogue is for general guidance only.

BAG COUPON

An exclusive reward to the MoreGrass customer



This coupon entitles the purchaser of 10 bags MoreGrass mixtures to one additional free bag of MoreGrass mixture, of equivalent value.

Redeem at: MoreGrass stockist/merchant from **1st April to 15th May**

2018

TERMS AND CONDITIONS: 1. This offer runs from 1st April 2018 to 15th May 2018 during merchant opening hours. Coupons presented outside this time frame cannot be accepted and are automatically void. 2. Coupons must be presented at time of purchase. In the event of any misuse of the coupon, we reserve the right to cancel any orders placed in store. 3. Coupons can only be redeemed in store at the MoreGrass stockist/merchants, and are not available for redemption for any online orders/purchases. 4. To redeem this offer only the original coupon obtained from the MoreGrass 2018 brochure will be accepted and it will be at the sole discretion of the stockist/merchant as to whether or not any coupon which is damaged or illegible (whole or in part) will be accepted. No photocopies of the coupon will be accepted during the period of this offer. 5. The coupon is only valid for MoreGrass products. In the case of non-availability of a specific MoreGrass mixture, we reserve the right to offer you an alternative MoreGrass seed mixture of equivalent commercial value. In the event of the customer's refusal to accept same, the coupon will have no cash value whatsoever. 6. The coupon cannot be used for the purchase of other MoreGrass products. It is not a credit or payment and cannot be redeemed for cash or sold. 7. This coupon entitles the purchaser for every 10 bags of MoreGrass mixtures to one free bag of MoreGrass mixture, of equivalent value and weight. 8. Any additional charges usually incurred such as delivery of the product to the customers will continue to apply for the full value of the order. 9. By availing of this offer you agree to the within terms and conditions and further agree to release, discharge and hold us harmless from any and all injuries, liability, losses and damages of any kind resulting from your use of the coupon. 10. This offer is valid for the Republic of Ireland and Northern Ireland. 11. These terms and conditions shall be governed by Irish law and the courts of the Republic of Ireland shall have exclusive jurisdiction.

Dear customer,

Now, more than ever, efficiency is the name of the game in Irish Farming. With rapidly increasing herd sizes and expanding dairy operations, optimal grass growth is critical to viable farming businesses.

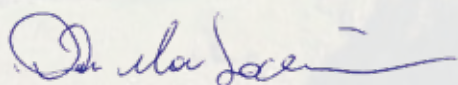
As always, we at MoreGrass believe reseeding is a vital component of your grassland management and is essential for maximising farm productivity and maintaining feed quality. Managed grass is by far the cheapest feed for your livestock and renewing pastures regularly has proven time and time again to be a sound investment.

Of course a full reseed is not ALWAYS possible (or indeed practical) in every situation - taking the intended pasture or field out of production is not necessarily viable from a rotation OR cashflow perspective. This is where the extremely cost-effective option of OVERSEEDING presents itself. For a fraction of the cost of a full reseed (as low as one third), overseeding or stitching with MoreGrass mixtures can achieve the following benefits:

- Make your existing field more productive and extend its' life
- Increase your grass production by as much as 30%
- Increase your stocking rate
- Improve your grass quality: More leafy and less stemmy/unpalatable grass leading to increased yields and milk quality
- Your field does not have to be out of production for an extended period

Whatever your particular enterprise, rest assured that MoreGrass will continue to work with and support the Irish Farmer in their pursuit of efficient and profitable farming operations. In evidence of our commitment we are delighted to once again offer our loyal customers a limited time offer (see page 2).

Best wishes for a positive & successful 2018.



Niall Mac Lochlainn
MoreGrass Ireland

Cut & graze

Did you know...?

...that Ireland imports all of its grass seed? Europe consumes on average 300,000 metric tons of grass and clover seed per year. Some producers are: Denmark approx. 65,000 ha, France approx. 33,000 ha, Germany approx. 27,000 ha, UK approx. 6,000 ha, Ireland approx. 0 ha.

Cut & Graze Supreme

MG 10

- ▶ Excellent dual purpose cut & graze mix
- ▶ 100% late varieties allow greater flexibility in cutting dates
- ▶ Excellent first and second cut silage
- ▶ Exceptional ground cover all-year-round
- ▶ Good spring and autumn growth

Spread of heading date:

1st–10th June

2.5 kg PRG TYRELLA [late dip.]
3.5 kg PRG STEFANI [late dip.]
3.0 kg PRG KINTYRE [late tet.]
2.0 kg PRG BOYNE [int. dip.]
0.5 kg White clover blend ●

83% late / 27% tetraploids

Bag size: 11.5 kg

Sowing rate: 11.5–14 kg/acre

Product no. 910081



Did you know...

... the number of Irish dairy cows has increased by approx. 8% in 2017?

Dairy Supreme MG 15

- Outstanding grazing mix
- 100% late varieties produce a dense and productive grazing ground
- Excellent autumn season production
- 100% late varieties allow greater flexibility in cutting dates
- Highly digestible and leafy grass ensures top animal performance

Spread of heading date:

1st-10th June

2.0 kg PRG ABERCHOICE [late dip.]
3.0 kg PRG ABERWOLF [late dip.]
3.0 kg PRG STEFANI [late dip.]
3.0 kg PRG ASTON ENERGY [late tet.]
0.5 kg White clover blend ●

82% late / 27% tetraploids

Bag size: 11.5 kg

Sowing rate: 11.5-14 kg/acre

Product no. 910098

In the event of a variety becoming unavailable, we reserve the right to include the best alternative. The exact mixture will be detailed on the label.

Grazing

Did you know...

...that ● varieties of the latest breeding generation have very weak stem re-growth abilities after first cut or aftermath heading? This developed attribute leads to improved grass quality and animal uptake.



Intensive Grazing

MG 30

- ▶ Excellent capacity for intensive grazing
- ▶ High palatability
- ▶ Exceptional grazing quality yields
- ▶ Very good ground cover and resistance to poaching

Spread of heading date:

24th May–7th June

2.0 kg PRG STEFANI [late dip.]
3.0 kg PRG FOXTROTT [late dip.]
3.0 kg PRG KINTYRE [late tet.]
1.0 kg PRG ASTON ENERGY [late tet.]
2.0 kg PRG BOYNE [int. dip.]
0.5 kg White clover blend ●

82% late / 36% tetraploids

Bag size: 11.5 kg

Sowing rate: 11.5–14 kg/acre

Product no. 910083

High Clover

MG 40

- ▶ Clover rich dual purpose mix
- ▶ Ideal in low N fertilizer situations
- ▶ Exceptional for finishing lambs on aftermath
- ▶ Excellent clover establishment

Spread of heading date:

24th May–7th June

2.5 kg PRG TYRELLA [late dip.]
2.0 kg PRG FOXTROT [late dip.]
2.0 kg PRG KINTYRE [late tet.]
3.0 kg PRG SORAYA [int. tet.] ●
2.0 kg White clover blend ●

68% late / 43% tetraploids

Bag size: 11.5 kg

Sowing rate: 11.5–14 kg/acre

Product no. 910078

Wetland

MG 50

- ▶ Perfect for heavy and reclaimed land
- ▶ Outstanding moisture absorption properties
- ▶ Very good resistance against poaching
- ▶ Suitable for moory soils
- ▶ Exceptional early spring growth

Spread of heading date:

1st–7th June

3.5 kg PRG MEZQUITA [late dip.]
3.0 kg PRG TYRELLA [late dip.]
1.5 kg PRG MELPETRA [late tet.] ●
1.5 kg PRG TWYMAX [late tet.]
1.5 kg Timothy COMER
0.5 kg White clover blend ●

100% late / 30% tetraploids

Bag size: 11.5 kg

Sowing rate: 11.5–14 kg/acre

Product no. 910085



Did you know...

...that genetic diversity ensures agricultural success against pressures such as climate change or stress caused by alternating usage? This is the prime reason that MoreGrass Ireland source varieties of worldwide origin, developed in over a dozen breeding institutes with different genetic backgrounds.

Persistence & Yield

MG 65

- ▶ Long lasting intensive cut & graze mix
- ▶ Outstanding persistence, tolerance and winter-hardiness, excellent ground cover
- ▶ Spread of varieties ensures full season production

Spread of heading date:

2nd May–6th June

3.0 kg PRG MELFROST [late dip.]
2.0 kg PRG MEZQUITA [late dip.] ●
2.0 kg PRG MELPETRA [late tet.] ●
2.0 kg PRG MELPAULA [late tet.] ●
1.5 kg PRG SORAYA [int. tet.] ●
1.0 kg PRG ARVICOLA [early tet.] ●

78% late / 57% tetraploids

Bag size: 11.5 kg

Sowing rate: 11.5–14 kg/acre

Product no. 910065

Sheep & Lamb Grazing

MG 810

- ▶ Contains chicory and plantain for natural animal health
- ▶ Prevents clostridial diseases and respiratory problems
- ▶ Protein rich
- ▶ Excellent lamb fattening potential
- ▶ For all types of soil
- ▶ Outstanding intensive grazing mix

1.4 kg PRG [int. tet.] ●
1.3 kg Cocksfoot [late]
2.0 kg Creeping red fescue
1.8 kg Smooth-stalked meadow grass
0.8 kg Bentgrass
1.0 kg White clover blend ●
0.9 kg Chicory
0.8 kg Plantain

Bag size: 10 kg

Sowing rate: 15 kg/acre

Product no. 910102

Did you know...



...that to improve sward resistance, persistence and protect your ley against symptoms of stress, it is officially recommended in several EU countries to use sophisticated multi-variety mixtures, designed for specific use? Using one species or variety in grassland may prove problematic and cause a bad harvest.

Intensive Cut & Extended Grazing

MG 60

- Excellent intensive cut & graze mix
- Provides up to 3-4 cuts per year
- Outstanding aftermath grazing
- High forage quality
- Requires careful management to optimize grazing length

Spread of heading date:

3rd May–7th June

3.5 kg PRG TYRELLA [late dip.]
3.5 kg PRG KINTYRE [late tet.]
2.0 kg PRG BOYNE [int. dip.]
2.0 kg PRG SORAYA [int. tet.] ●
2.0 kg HRG RUSA [tet.] ●

63% late / 68% tetraploids

Bag size: 13 kg

Sowing rate: 13–15 kg/acre

Product no. 910086

In the event of a variety becoming unavailable, we reserve the right to include the best alternative. The exact mixture will be detailed on the label.

Silage

Silage & Haylage medium term

MG 75

- Medium term usage 2-3 years
- Superb silage and hay production
- Excellent aftermath grazing
- Top-class early spring growth
- High quality yields

2.5 kg IRG LEMTAL RVP (dip.)
2.5 kg IRG ORYX (dip.)
4.0 kg IRG GEMINI (tet.)
4.0 kg IRG MELQUATRO (tet.)

Bag size: 13 kg
Sowing rate: 13 kg/acre
Product no. 910075

Silage & Haylage long term

MG 77

- High drought tolerance
- Quick establishment
- Excellent silage yields
- Early spring and autumn grazing
- Very good persistence
- Exceptional winter-hardiness
- Usage 3-4 years

3.25 kg HRG LIGUNDA (dip.)
3.25 kg HRG PILOT (dip.)
3.25 kg HRG RUSA (tet.) ●
3.25 kg HRG BANQUET II (tet.)

Bag size: 13 kg
Sowing rate: 13-15 kg/acre
Product no. 910077

Silage & Haylage short term

MG 79

- Short term usage 6-18 months
- Outstanding establishment
- Low management, quick results
- Ideal for autumn sowing after cereals
- Exceptional productivity in sowing year

4.0 kg WRG ANDREA (dip.)
4.0 kg WRG MENDOZA (dip.)
5.0 kg WRG LEMNOS (tet.)

Bag size: 13 kg
Sowing rate: 13 kg/acre
Product no. 910076

All MoreGrass clover blends

are pre-inoculated with rhizobia bacteria to ensure rapid symbiosis between plant and bacteria and to secure nitrogen fixing.



MoreGrass Coated Seed – The most cost efficient way to improve grassland!

Coated Seed benefits:

- Better soil contact ensures plant establishment!
- Guaranteed growth due to micro elements such as Iron [Fe], Copper [Cu], Manganese [Mn], Zinc [Zn], and others...!
- Quick establishment due to inclusion of plant health boosters and germination accelerators!
- Seed protection until optimum moisture level is reached!

White Clover Blend

MG 600

- Pre-inoculated white clover blend
- Contains clovers of 3 different leaf sizes
- Pre-inoculation enhances root development and establishment of clovers
- Ideal as add-on mix in conjunction with grass or as overseeding solution
- Adaptable to all MG mixtures
- Outstanding supplier of protein

4.0 kg White clover BOMBUS/ALICE ●
4.0 kg White clover MERLYN/MERWI ●
2.0 kg White clover JURA/RIVENDEL ●



Bag size: 1 and 10 kg

Sowing rate: individual

Product no. 1 kg: 910161

Product no. 10 kg: 910162

Red Clover Blend

MG 800

- Pre-inoculated red clover blend
- Contains 3 different long lasting, high yielding and disease tolerant varieties
- Ideal as add-on mix for MG 60 and MG 65
- Highest supplier of protein amongst legumes used in Ireland

4.0 kg Red clover GLOBAL ●
4.0 kg Red clover MERULA ●
2.0 kg Red clover BONUS/GARANT ●



Bag size: 1 and 10 kg

Sowing rate: individual

Product no. 1 kg: 910104

Product no. 10 kg: 910103

Overseeding



Your benefits:

- Broadcasting seed with a spreader
- Is more cost efficient than stitching
- Can be achieved under difficult or unfavourable conditions
- Is possible at any time of the year

Ask your local supplier for more technical details!

OVERSEEDING CONDITIONS

Difficult / Unfavourable

Spreading

with Coated Seed

Silage Systems

MG 100

- 2-3 years rejuvenation
- New life and vigour into aging swards
- Excellent establishment
- Outstanding seed technology for reduced overseeding costs
- Ideal rejuvenation mix for silage systems

2.5 kg Coated HRG LIGUNDA (dip.)
2.5 kg Coated HRG PILOT (dip.)
2.5 kg Coated HRG RUSA (tet.) ●
2.5 kg Coated HRG BANQUET II (tet.)



Bag size: 10 kg

Sowing rate: 10-20 kg/acre

Product no. 910100

Cut & Graze Systems

MG 500

- Long term rejuvenation
- Effective enhancement of ground cover and sward density
- Secured establishment
- Cost efficient overseeding by broadcasting with a fertilizer spreader, seed-barrow or slug pellets applicator
- Ideal rejuvenation mix for grazing systems

2.5 kg Coated PRG BOYNE (int. dip.)
2.5 kg Coated PRG SORAYA (late tet.) ●
2.5 kg Coated PRG MELPETRA (late tet.) ●
2.5 kg Coated PRG KINTYRE (late tet.) ●



Bag size: 10 kg

Sowing rate: 10-20 kg/acre

Product no. 910150

Ideal

Stiching

Cut & Graze Systems

MG 150

- Long term rejuvenation
- Effective enhancement of ground cover and sward clensity
- Excellent establishment
- Ideal rejuvenation for cut & graze systems
- Requires professional overseeding equipment

4.0 kg PRG ABERCHOICE (late dip.)
3.0 kg PRG ASTON ENERGY (late tet.)
5.0 kg PRG KINTYRE (late tet.)

Bag size: 12 kg

Sowing rate: 10-20 kg/acre

Product no. 910106

In the event of a variety becoming unavailable, we reserve the right to include the best alternative. The exact mixture will be detailed on the label.

Equine



Paddock & Grazing

MG 70

- ▶ Excellent sward density
- ▶ Outstanding wear tolerance
- ▶ Suitable for grazing
- ▶ Exceptional ground cover

3.0 kg PRG FOXTROT [late dip.]
3.0 kg PRG MEZQUITA [late dip.]
3.0 kg PRG PREMIUM [int. dip.]
1.5 kg PRG BELLEVUE [dwarf]
1.5 kg Smooth-stalked meadow BALIN
1.0 kg Creeping red fescue REVERENT

Bag size: 13 kg
Sowing rate: 13 kg/acre
Product no. 910087

Haylage & Grazing

MG 72

- ▶ Ideal for hay or haylage production with aftermath grazing
- ▶ Can be cut twice a year
- ▶ Outstanding spring and autumn growth
- ▶ Excellent persistence and disease tolerance

4.0 kg Timothy COMER
2.0 kg PRG FOXTROT [late dip.]
2.0 kg PRG MEZQUITA [late dip.]
2.0 kg Festulolium MERLIN

Bag size: 10 kg
Sowing rate: 10 kg/acre
Product no. 910073

Natural Herb Mix

MG 730

- ▶ Add-on herb mix for grazing mixtures
- ▶ For reseeding and overseeding
- ▶ Natural enhancement of animal health
- ▶ Reduction of risk of laminitis
- ▶ Provides vitamins and minerals

Caraway, burnet, wild carrot, sheep's parsley, fennel, chicory, yarrow, cow parsley

Bag size: 1 kg
Sowing rate: 1 kg/acre
Product no. 910040

Thinking of increasing your forage options this winter?

Grass silage will always be top priority for winter feeding cattle and sheep in Ireland. Forage crops however have become increasingly popular and can play a very important role for either out-wintering livestock or overcoming grass deficits. Below, we take a look at some of the options available to farmers this year.

! Different species and varieties are available!

Kale

Kale is a high yielding fodder crop with a high crude protein, good winter hardiness and can be fed to both cattle and sheep. It can be grazed in-situ however livestock should be supplemented with Iodine & Phosphorous. Ensure diets are properly balanced with roughage, minerals, etc.

Varieties	Crude Protein	DM Yield	Sowing Time	Utilisation Time	Seeding rate
INKA	15-17%	8-12 t/ha	May-June	Nov.-Feb.	2.5-3 kg/acre

Forage rape

Forage rape is popular due to its flexible sowing date and its good leaf to stem ratio. It grows fast and vigorous after sowing and it has excellent leaf quality due to its palatability and leaf protein. It is very common among farmers for fattening lambs however sheep must be introduced gradually in order to prevent digestive disorders. Ensure the animal's diet is correctly balanced.

Varieties	Crude Protein	DM Yield	Sowing Time	Utilisation Time	Seeding rate
AKELA	18-20%	4-6 t/ha	July-August	Oct.-Feb.	3.5-4 kg/acre

Catch Crops:

Sowing Cover Crops for GLAS

There has been a growing interest in planting cover crops to satisfy requirements of the green, low-carbon, agri-environment scheme [GLAS]. Although a requirement under GLAS there are significant benefits to planting cover crops including:

1. Increased biomass
2. Improving soil structure
3. Reducing weed pressure (grasses such as sterile brome)
4. Improving overall soil health

The following are some important things to remember when planting a cover crop for GLAS:

- All catch crops sown under GLAS must be sown by September 15, using light cultivation techniques.
- Poughing is not allowed; use light cultivation techniques only.
- To maximise the value of the catch crop, plant as soon as possible after harvest. August-sown crops will provide more green material (dry matter) for grazing or incorporation, than September-sown crops.
- Catch crops can be grazed after December 1.
- Two separate species must be sown and one species must not make up more than 75% of the mix.
- It is very important to match the cover crop to sown to your crop rotation. If sowing OSR some of the brassica options may not be suitable.
- Spraying off grass/cereal volunteers is permitted in catch crops to prevent the build-up of diseases such as take-all.

Wildflower Mixtures – Technical Information

- 1 Note that wildflowers and wildflower meadows need a low fertile soil, preferably well drained. Avoid compacted soil.
- 2 Prepare the ground to a firm, weed free tilth.
- 3 Can be sown manually by broadcasting or with sowing machine, spreader or seed barrow.
- 4 Sowing depth: maximum 1.5–1.0 cm
- 5 Method of sowing: for an even result and best coverage, sow the seed in a crosswise direction.
- 6 Sowing pure wildflower mixtures might be a challenge, so try to mix it with sand or broken cereals or similar organic seed additives, or as a companion for grass.
- 7 Rolling is advised to secure good soil contact of the seed.
- 8 Wildflowers naturally grow in conjunction with grasses. A slow-growing [fescue bent] grass mixture [max. 80%] can be added to the wildflowers.
- 9 Follow the rule: less is more, so to allow slow establishing species more room and time to develop.
- 10 Cutting: usually 2 cuts per year are recommended. The first cut early spring, to clean the surface, slow down the quick starting species and give room for the late starters. Always remove the first cut. The second cut should be done in autumn. Always leave the remains of the second cut on the ground for two to three weeks, in order to enable the reproduction, especially of the annual species. After this time, you should remove the cutting/remains.
- 11 Cutting height: not lower than 10 cm
- 12 Do not fertilize wildflowers.

	MG 900	MG 910	MG 920
Sowing rate	4 kg/acre or 1-2 g/m ²	4 kg/acre or 1-2 g/m ²	10 kg/acre or 3-5 g/m ²
Sowing period	March–April	March–April	March–October
Longevity	4–5 years	1 year	Perennial
Type of soil	All	All	All
Harvest	-	September–October	-
Cuts per year	1 [early spring]	1 [harvest]	1-2 [early spring/late autumn]
Fertilizer	-	100 kg N/acre [total need]	-
Usage	<ul style="list-style-type: none"> ▸ Buffer strips ▸ Bee pastures ▸ Conservation land ▸ Game cover 	<ul style="list-style-type: none"> ▸ Green manure ▸ Buffer strips ▸ Aerobic digester 	<ul style="list-style-type: none"> ▸ Conservation land ▸ Buffer strips ▸ Low maintenance areas, landscaping

Conservation

Bee Pasture

MG 900

- Colourful habitat for all animals and insects
- Rich in species
- Outstandingly rich in nectar
- Excellent cover [up to 1.2 m high]
- Preeminent winter-hardiness

More than 40 species of wild flowers and herbs, including: yarrow, borage, bird's-foot-trefoil, mallow, coriander, carrots, corn poppy, cornflower, phacelia, sunflower, dill, sainfoin, prime rose, fennel, field marigold, flax, red clover, white clover, etc.

Bag size: 1 kg

Sowing rate: 4 kg/acre

Product no. 910095

Buffer Strips annual

MG 910

- Quick establishment
- Colourful
- High visual merit
- Highly attractive for bees
- Positive environmental image
- High clover and herb content

Niger, yellow cosmos, flax, bishop's flower, tree mallow, marigold, sunflower, common mallow, castilian mallow, white sweet clover, yellow sweet clover, buckwheat

Bag size: 1 kg

Sowing rate: 4 kg/acre

Product no. 910096

Buffer Strips perennial

MG 920

- Quick establishment
- Low maintenance [0-2 cuts p/a]
- Suitable for all types of soil
- Long lasting
- High moisture absorption
- Includes wild flowers

Bentgrass, sheep's fescue, chewing fescue, creeping red fescue, slender creeping fescue, perennial ryegrass, bluegrass, wild flowers

Bag size: 10 kg

Sowing rate: 10 kg/acre

Product no. 910097

**You can find
more informa-
tion about wildflo-
wers on page 14.**

Wildflower Meadow

MG 930

- Low and slow growing grasses [80%]
- Over 40 different wildflowers
- Low to zero maintenance mix for environmental, landscaping and public areas
- Sowing time from March–October
- No fertilizer required
- Cuts per year: 2–3

40 annual, biannual and perennial wildflower species combined with 20% grass seed, mainly fescues and bentgrasses

Bag size: 10 kg

Sowing rate: 10 g/m²–10 kg/acre

Product no. 910116

Pure Wildflower Mix

MG 940

- Quick establishing colorful wildflower mix
- For environmental, landscaping and low maintenance areas
- Add-on mix in conjunction with grass
- For all types of soil and no fertilizer required
- Attracts bees, butterflies and other insects
- Sowing time from March–October
- Cuts per year: 2 [early spring and late autumn]

40 annual, biannual and perennial species

Bag size: 1 kg

Sowing rate: 4 kg/acre

Product no. 910119

Game Cover

MG 300

- ▶ Will provide excellent habitat and food source for game and wild birds
- ▶ Enhances biodiversity
- ▶ Range of species gives an extended seed shed period
- ▶ Will also provide feed and cover for small mammals
- ▶ Feed source available from Sept.-Oct. throughout the winter

St. John's rye, winter rape, phacelia, buckwheat, red clover, yellow mustard, oil radish, white clover blend ●, turnip rape, kale, cocksfoot, marrow-stem kale, timothy

Bag size: 10 kg
Sowing rate: 20 kg/acre
Product no. 910130

Pollen & Nectar

MG 320

- ▶ Nectar rich mixture for nectar feeding insects including butterflies and bees
- ▶ Enhances biodiversity
- ▶ Will provide excellent cover and food source for insects and small mammals
- ▶ Also provides excellent game cover

Phacelia, oil radish, cornflower, buckwheat, marigold, dill, white mustard, black caraway, borage, mallow, coriander

Bag size: 1 and 10 kg
Sowing rate: 5 kg/acre
Product no. 1 kg: 910094
Product no. 10 kg: 910132

Wildlife Habitat

MG 340

- ▶ Quick establishment
- ▶ Ideal game cover crop
- ▶ Outstanding autumn and winter feed
- ▶ Excellent for winter holding
- ▶ Suitable for all animals
- ▶ Sowing time until August / September

White clover, alfalfa, sainfoin, red clover, red fescue, bird's-foot-trefoil, perennial ryegrass, hairy vetch, timothy, yellow trefoil, bluegrass, wild flowers

Bag size: 10 kg
Sowing rate: 20 kg/acre
Product no. 910134

Did you know...

...that organic certified mixtures legally require a minimum of 70% of organic certified seed?



lacon 

Documentary evidence to the operator according to Article 29(1) of Regulation (EC) No 834/2007

1. Document number: 12712#DE-NW-003-01254-BC#2017#61495-EN		
2. Name and address of operator: Feldsaaten Freudenberger GmbH & Co. KG Magdeburger Straße 2 47800 Krefeld	3. Name, address and code number of control body/authority: LACON GmbH Moltkestraße 4 77864 Offenburg	
main activity: processor, importer	DE-OKO-003	
4. Product groups / Activity: <u>Processed products</u> Seeds, coated seeds, coated seeds inoculated with rhizobia Products range see annex	5. Defined as: organic production	
6. Validity period: Processed products from 17.08.2017 to 31.01.2019	7. Date of control: 13.07.2017	
8. This document has been issued on the basis of Article 29(1) of Regulation (EC) No. 834/2007 and of Regulation (EC) No. 889/2008. The declared operator has submitted his activities under control, and meets the requirements laid down in the named Regulations.		
Offenburg, August, 17th, 2017		
  		

AVAILABLE ORGANIC SEED / SOWING RATE

Hybrid ryegrass	16–18 kg/acre	Beans	80 kg/acre
Italian ryegrass	16–18 kg/acre	Kale	2 kg/acre
Westwold ryegrass	16–18 kg/acre	Buckwheat	30–36 kg/acre
Perennial ryegrass	10–14 kg/acre	White mustard	8–10 kg/acre
Meadow fescue	10 kg/acre	Lupine	72 kg/acre
Timothy	6 kg/acre	Fodder radish	8–12 kg/acre
Red fescue	10 kg/acre	Phacelia	4–5 kg/acre
Egyptian clover	14 kg/acre	Sunflower	8–12 kg/acre
Red clover	10 kg/acre	Sainfoin	80 kg/acre
White clover	5–6 kg/acre	Bird's-foot-trefoil	6–8 kg/acre
Crimson clover	12 kg/acre	Cocksfoot	8–10 kg/acre
Sweet clover	12 kg/acre	Persian clover	8 kg/acre
Alfalfa	10–12 kg/acre	Tall fescue	12 kg/acre
Common vetch	24–48 kg/acre	Serradella	16 kg/acre
Vetch	24–48 kg/acre	Rye [perennial]	44 kg/acre
Field peas	64 kg/acre	Festulolium	14 kg/acre

Organic

More than 100
organic species and
varieties available.

Please ask!

Organic Intensive Cut & Graze

MGO-1

- ▶ Excellent spring and autumn growth
- ▶ Flexible mixture for alternating cut & graze systems
- ▶ Contains long lasting, disease tolerant, high yielding perennial ryegrass varieties
- ▶ Suitable for reseeding and overseeding

5.0 kg PRG PASTOUR [late]
2.5 kg PRG PREMIUM [int.]
2.5 kg PRG ARVICOLA [early]

Bag size: 10 kg
Sowing rate: 12-14 kg/acre
Product no. 910044

Organic Grazing & Silage

MGO-2

- ▶ Dual purpose mix for cut & graze systems
- ▶ Highly adaptable for alternating conditions such as weather or management
- ▶ Outstanding resistance to poaching
- ▶ Very good winter-hardiness and persistence
- ▶ Flexible, all year round productivity

1.7 kg PRG STEFANI [late]
1.7 kg PRG PREMIUM [int.]
1.3 kg PRG ARVICOLA [early]
2.0 kg Meadow fescue
1.7 kg Timothy
1.0 kg Smooth-stalked meadow grass
0.6 kg White clover

Bag size: 10 kg
Sowing rate: 10-20 kg/acre
Product no. 910043

Organic Silage & High Protein

MGO-3

- ▶ Medium term usage 2-3 years
- ▶ High protein production
- ▶ Excellent silage mixture
- ▶ Very good winter-hardiness and persistence

2.9 kg PRG CALIBRA
2.1 kg IRG ORYX
2.1 kg HRG LIGUNGA
2.9 kg Red clover BONUS

Bag size: 10 kg
Sowing rate: 10 kg/acre
Product no. 890045

In the event of a variety becoming unavailable, we reserve the right to include the best alternative. The exact mixture will be detailed on the label.



For a complete range of quality lawn and sport seed products, just contact us!

10 step guide... ...to a successful reseed

STEP 1 Identify the field that has poor production and a high proportion of weed grasses.

STEP 2 Soil test: PH of 6-6.5 is ideal / P+K target index 3. In case of ploughing, wait to sample the soil after ploughing.

STEP 3 Spray off the identified field with glyphosphate. Prepare the soil: a fine, equally leveled and firm seed bed is crucial.

STEP 4 Select the right MoreGrass product to suit your needs [grazing or silage, cut & graze, etc.].

STEP 5 Sowing: choose the right day - warm and dry with close rain forecast. Sowing depth should not be deeper than 10-15 mm.

STEP 6 Roll well to ensure good soil/seed contact.

STEP 7 Fertilizer and lime should be applied as per your soil test results.

STEP 8 After the seed emerges, keep a close eye for pest damage, i.e. frit flies, slugs, etc.. Observe well your new reseeds at this vulnerable time. Take immediate action when and where necessary.

STEP 9 Management of the new swards: the first graze of the new reseed is very important. Graze the sward lightly to encourage tillering and increase vigour in the grass. Avoid heavy covers of grass building up and graze regularly.

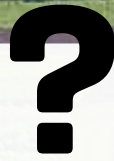
STEP 10 Weed control: after establishment, spray to eliminate weeds that have germinated within the sward. Choice of spray is important if clover is a component of the mixture.



About grass & clover

Did you know...

...that there are more than 1,000 perennial ryegrass varieties certified and commercially available in the European Union?



Keep in mind about perennial ryegrass:

Tetraploid varieties

- Higher palatability than diploids
- Higher dry matter intake than diploids
- Fastest establishment
- Ideal for quality silage
- Excellent clover partner
- Outstanding pasture utilization

Diploid varieties

- Excellent ground cover
- Ideal for intensive grazing
- Very reliable growth and establishment
- Competitive against weeds
- Copes better with wet conditions than tetraploids

Heading dates of perennial ryegrass

- Early varieties: heading in first half of May
- Intermediate varieties: heading during the second half of May
- Late varieties: heading in the first half of June

Early varieties

- Provide very good yields of early spring grazing and first cut silage

Intermediate varieties

- Ideal for production of high quality silage
- Suitable for cut & graze
- Better ground cover than early varieties

Late varieties

- High tiller density, excellent ground cover
- Very suited to long term grazing
- Produce good quality yields

Keep in mind about clover:

White clover

- The most persistent legume species used in Ireland
- Ideal companion for perennial ryegrass and suitable for cut & graze
- Provides high levels of nitrogen to the sward
- Ensures its presence in long term leys, increasing the palatability, minerals and protein contents of your pasture

Red clover

- One of the best producers of protein in Ireland
- Usually persists for 3 years and is suitable for cut & graze
- Great companion for perennial ryegrass

About quality



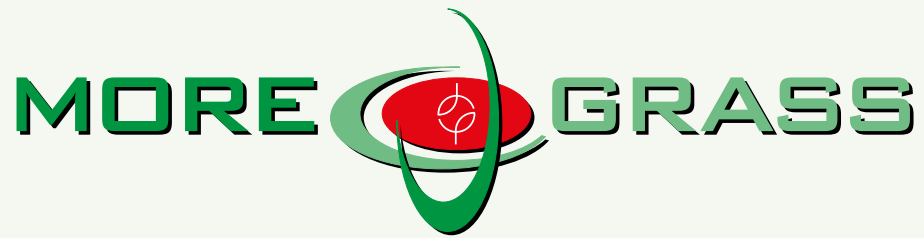
MoreGrass has a portfolio of over 160 varieties of global genetics and approx. 20 new varieties are under observation per year. There are also regular growing tests on a trial site.



About 6,000 seed samples are tested per year and MoreGrass has a regular quality control of all incoming and outgoing seed products.



MoreGrass has an area of about 55,000 m² for storing, cleaning, manufacturing, mixing and coating seed. More than 5,000 products are available and there is an intensive cooperation with more than a dozen of global breeding institutes so that innovation and technical success is insured!



With compliments from your stockist:



www.moregrassireland.com

MoreGrass Ireland, Niall Mac Lochlainn, Tel.: 087 1322530, maclochlainn.niall@gmail.com