

# Trust a grass expert

Germinal amenity specialists -  
for ideas, innovation and excellent  
product management advice

## Amenity 2022

Amenity Grass Seed, Fertiliser  
and Wild Flora Products

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## Expert advice and the very best amenity cultivars

Welcome to the latest Germinal Amenity product catalogue. This year, in line with our ongoing sustainability plan, we have a slimmed down catalogue. It contains select product information and reduces our use of resources in the printing process.

Information for each of our amenity sectors is included and for access to more detail, support and advice we have provided QR codes linked to our website.

Our core range of grass seed includes products for all areas of the amenity sports sector, from specialist golf mixtures to bespoke products for cricket, football and rugby pitches. We also have a wide range of products for general and specialised landscaping projects, fine lawn maintenance, wildflower meadows and environmentally enhanced green spaces.

Germinal is the largest privately owned seed company in the UK and the only company selling British-bred turf grasses direct to our end users. The Germinal Amenity team are trusted grass specialists who share their passion and knowledge with you. We lead through fresh ideas and insight and work with you to provide advice and innovative methods to deliver the right turf solutions.

To connect with one of our technical sales representatives, please visit [germinalamenity.com](https://germinalamenity.com) or call 01522 868714.

**Richard Brown**  
National Amenity Sales Manager  
Germinal GB







# Golf mixtures

## A5

### Cricket, Tennis and Tees

35% ESCAPADE (Perennial Ryegrass)  
65% CABRIO (Ultrafine Perennial Ryegrass)

The original and still the best, A5 is unsurpassed for fineness of leaf and overall quality of varieties.

Sporting a fineness of leaf score of 8.0 when mown down to 10-15mm, Escapade is the perfect companion for Cabrio which tops the 2022 BSPB list for summer sports and has the best fineness of leaf of any ryegrass when mown down to 10-15mm and 4-7mm respectively.

- Quick to establish
- Hard wearing
- High density ground cover
- Superior rooting
- Contains Cabrio, the most fine leaved perennial ryegrass currently available

#### Technical Information:

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##### Sowing Rate

35g/m<sup>2</sup> (350kgs/ha)

##### Overseeding rate

20g/m<sup>2</sup> (200kgs/ha)

##### Cutting height

Down to 4mm



Scan this code with your smart phone or tablet camera to visit the Germinal Amenity golf page to find your product mixture breakdown or go to [germinalamenity.com](http://germinalamenity.com)



*"Fast establishing, fine leaved and durable. Knits in with the fescue on my tees perfectly."*

**Andy Barber**  
Course Manager  
Royal Winchester Golf Club

More Grade 'A' golf mixtures	Sowing Rate:	Overseeding Rate:	Cutting Height:
<b>A8</b> Ultrafine Ryegreens	20g/m <sup>2</sup> (200kgs/ha)	10-15g/m <sup>2</sup> (100-150kgs/ha)	Down to 3mm
<b>A10</b> Golf Tees and Divot Repairs	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 6-7mm
<b>A11</b> Golf Greens	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 3mm
<b>A12</b> Golf Fairways	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 15mm
<b>A13</b> Golf Roughs and Habitat Areas	20g/m <sup>2</sup> (200kgs/ha)	n/a	As desired
<b>A27</b> Golf All Fescue	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 5mm for greens, 15mm for fairways and tees
<b>A28</b> Ultrafine Ryegolf	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 6-7mm
<b>A29</b> Cold Divot Mix	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	n/a
<b>A31</b> Supreme Tees	10-15g/m <sup>2</sup> (100-150kgs/ha)	n/a	Down to 3mm
<b>A32</b> Ecological Roughs Mixture	20g/m <sup>2</sup> (200kgs/ha)	n/a	As desired





## Tour Pro (GDE) Creeping Bent

Tour Pro (GDE) is the latest creeping bentgrass to join Germinal's excellent bentgrass portfolio: having excelled in the National Turfgrass Evaluation Program (NTEP) in the United States, this top-performing variety has recently achieved the highest mean score for creeping bentgrasses on table G1 of the 2022 BSPB list. It has also been awarded the highest score for shoot density and visual merit for a creeping bentgrass, making it a hardworking and visually pleasing variety.

Tour Pro (GDE) was selected as the next creeping variety to join our bentgrass portfolio thanks to its low input requirement. This enables greenkeepers on modern courses to outcompete *Poa annua* by implementing management strategies which place the latter under stress and allow the natural attributes of Tour Pro (GDE) to gain the upperhand and dominate the sward.

Tour Pro (GDE) is available exclusively in the UK from Germinal. For more information see overleaf.



## Variety Matters: Leading Creeping Bent for the UK

When Germinal first introduced 007 DSB to the UK in 2016 it is fair to say we came up against a significant amount of opposition; not specifically to the variety itself, but to the preconceived ideas of many greenkeepers and agronomists who believed that all creeping bentgrasses required high inputs (especially in terms of N and water) to make them work.

Whilst that might have been true of older varieties, modern creeping bentgrasses have improved tremendously in terms of their ability to thrive under modern management programmes. Despite this, many within the industry remained convinced that introducing a creeping bentgrass would require additional budget in terms of inputs and man hours, and that any additional nutrients would have the detrimental knock-on effect of feeding *Poa annua* and encouraging it to proliferate.

Over the last few years however, the success and easy management of 007 DSB has proven that modern creeping bentgrasses no longer conform to this out-of-date stereotype, with many early adopters in the UK reporting that 007 DSB has a much lower requirement for nitrogen and water than they initially anticipated. This has been supported by subsequent trial work which has shown that an acceptable turf quality can be maintained from just 50kg of N per hectare – as such making it more than suited to the typical management regimes being used by UK greenkeepers who can take full advantage of 007 DSB's high shoot density without having to worry about it playing into the hands of *Poa annua*.

So how do we top the best? Well, add the new top-rated creeping bentgrass to our portfolio of course! Tour Pro (GDE) shares all the characteristics of 007 DSB (excellent resistance to Microdochium Patch and Dollar Spot) but is even more tolerant of drought conditions – a genuinely valuable attribute which gives greenkeepers the opportunity to sustain quality putting surfaces whilst placing *Poa annua* under significant stress.



# Germinal Bents

## 007 DSB

## 007 DSB Creeping Bent

- Widely adaptable to warm summers and cold winters
- Very salt tolerant – trials show it to be more salt tolerant than Seaside II
- Very good cool weather colour retention – no purple colour during the winter months
- High disease resistance especially against Anthracnose, Fusarium and Snow Mould
- Dollar Spot resistance

007 DSB is arguably the best-of-the best. Bred in the US using 24 parent plants, it exhibits an extremely prostrate growth habit, high shoot density and good wear tolerance in a wide range of conditions including cold climates and drought susceptible regions. 007 DSB has won plaudits wherever it has been used including at Ryder Cup and US Open courses and at the PGA Masters at Wentworth.

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**Sowing Rate:**  
8-12g/m<sup>2</sup>  
(80 to 120kgs/ha)

**Overseeding Rate:**  
5-8g/m<sup>2</sup>  
(50-80kgs/ha)

**Cutting Height:**  
Down to 3mm

🌱 Tour Pro (GDE)

🌱 Tour Leader

## Tour Leader Creeping Bent Blend

50% 007 DSB (Creeping Bent)  
50% TOUR PRO (GDE) (Creeping Bent)

- Superb Dollar Spot, Anthracnose, Fusarium and Brown Patch resistance
- Adaptable to all UK climates
- Tolerant of close mowing regimes (as low as 3mm)
- Low seedling mortality rates compared to browntops and fescues: resulting in faster species conversion away from *Poa annua*.
- Very tolerant of drought conditions
- Sustainable input requirement: UK users average 92kg N per annum with reduced chemical usage

Tour Leader is a landmark in the evolution of creeping bentgrass products. This exceptional blend sets the bar high with unrivalled performance, seasonal adaptability, high disease resistance and vivid colour retention. Tour Leader combines two top performers 007 DSB and Tour Pro (GDE) to bring you this all-round leader in the game.

### Tour Leader - Putting you out in front

By pairing the drought tolerance and wear resistance qualities of Tour Pro (GDE) with the cold weather tolerance and sustainability of 007 DSB, we have created a seed mixture with enough genetic diversity to ensure golf greens remain in good condition all year round irrespective of what the weather might throw at them. With the UK's variable weather patterns meaning no two seasons are ever the same, that level of flexibility makes Tour Leader the ideal over-seeding and reseedling mixture for modern golf greens.

**Sowing Rate:**  
8-12g/m<sup>2</sup>  
(80 to 120kgs/ha)

**Overseeding Rate:**  
5-8g/m<sup>2</sup>  
(50-80kgs/ha)

**Cutting Height:**  
Down to 3mm





## AberMajesty Browntop Bent blend

20% ABERROYAL(Browntop Bent)

45% ABERREGAL(Browntop Bent)

35% MUSKET(Browntop Bent)

- **Combined genetic traits of three winning varieties**
- **Natural Fusarium resistance varieties**
- **Contains UK bred varieties for UK golf greens**
- **Excellent shoot density**
- **Very fine leaved**

A combination of proven performers AberRoyal and AberRegal and exciting new variety Musket. The increased genetic diversity makes AberMajesty the choice for greenkeepers looking to manage a blend of browntop bentgrasses that offers the prerequisite requirement of good shoot density and fineness of leaf but with vital added resistance to fusarium.

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**Sowing Rate:**

8-12g/m<sup>2</sup>  
(80 to 120kgs/ha)

**Overseeding Rate:**

5-8g/m<sup>2</sup>  
(50-80kgs/ha)

**Cutting Height:**

Down to 3mm

## ForeFront Greens

25% ABERREGAL (Browntop Bent)

25% ABERROYAL (Browntop Bent)

10% MUSKET (Browntop Bent)

40% 007 DSB (Creeping Bent)

- Suitable for soil or sand-based greens
- Enhanced resistance to Red Thread and Fusarium
- Superb stress resistance
- Superb year-round green colour
- Excellent shoot density and fineness of leaf

Combining the proven performance of AberMajesty browntop bent blend with the best creeping bent ensures Forefront Greens delivers the highest levels of disease and stress resistance. With excellent shoot density, fineness of leaf and unrivalled winter and summer greenness, Forefront Greens is the mixture for better golf greens.

### Sowing Rate:

8-12g/m<sup>2</sup>  
(80 to 120kgs/ha)

### Overseeding Rate:

5-8g/m<sup>2</sup>  
(50-80kgs/ha)

### Cutting Height:

Down to 3mm



**AberRegal in Fusarium resistance trials**

## Breeding to maximise Fusarium resistance

Recent trials carried out by the STRI on behalf of Germinal suggest that overseeding golf greens with browntop bentgrass cultivars such as AberRegal might offer improved resistance against microdochium patch disease, better known as Fusarium patch disease.

Breeding trials at the Institute of Biological, Environmental and Rural Sciences (IBERS) in Aberystwyth suggested that AberRegal gives above average resistance to Fusarium. The aim of the STRI trial was therefore to examine the susceptibility and resistance of eight browntop bentgrass cultivars to Fusarium under a close mowing regime.

The trials showed that AberRegal offers above average resistance to Fusarium and can therefore increase the effectiveness of, and/or reduce the requirement, for a full programme of fungicide applications.

A good percentage of bentgrasses such as AberRegal will therefore provide a firebreak between areas of *Poa annua*, thereby preventing patches of infection from joining together.



# Sport mixtures

## Grade 'A' sport mixtures

### A20

#### Premier Ryesport

35% EUROPITCH (Perennial Ryegrass)  
20% EUROSPORT (Perennial Ryegrass)  
15% CARNAC (Perennial Ryegrass)  
30% EUROCORDUS (Perennial Ryegrass)

- 
- High shoot density
  - Dark green in winter and summer
  - A combination of fineness of leaf and a good cleanness of cut make a sward that is exceptionally easy to mow stripes
  - Good disease resistance
  - Good post winter recovery
- 

**Sowing Rate:**

35-100g/m<sup>2</sup>

**Overseeding Rate:**

20-40g/m<sup>2</sup>

**Cutting Height:**

Down to 25mm





## More Grade 'A' sport mixtures

	Sowing Rate:	Overseeding Rate:	Cutting Height:
<b>A1</b> Professional Bowls	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 4mm
<b>A5</b> Cricket, Tennis and Tees	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 4mm
<b>A7</b> 'Olympic Quality' Sport Ground	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 10mm
<b>A9</b> General Outfield	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 20mm
<b>A14</b> Racecourse and Polo Grounds	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 20mm
<b>A999</b> Rescue	45g/m <sup>2</sup> (450kgs/ha)	30g/m <sup>2</sup> (300kgs/ha)	Down to 35mm
<b>A31</b> Supreme Tees	10-15g/m <sup>2</sup> (100-150kgs/ha)	n/a	Down to 3mm
<b>A30</b> Rapid Sports Renovator Plus	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	n/a



Scan this code with your smart phone or tablet camera to visit the Germinall Amenity sports mixtures page to find your product mixture breakdown or go to [germinallamenity.com](http://germinallamenity.com)



# Landscaping mixtures

# AberSustain



AberSustain is a self-sustaining mixture perfect for open parkland areas, domestic lawns, road verges and for green roofs and solar parks.

The mixture is unique because all the varieties used are UK bred varieties from the IBERS breeding programme, UK bred for UK conditions. All varieties are chosen to complement each other perfectly and create a mixture that is environmentally and economically sustainable, perfect for the time in which we now live.

- 20% ABERWOLF (Perennial Ryegrass)
- 45% ABERFLEECE (Sheeps Fescue)
- 20% ABERCHARM (Slender Creeping Red Fescue)
- 10% ABERROYAL (Browntop bent)
- 5% ABERLASTING (White Clover)

## More Grade 'A' landscaping mixtures

	Sowing Rate:	Overseeding Rate:	Cutting Height:
<b>A2</b> Quality Lawns	50g/m <sup>2</sup> (500kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 6mm
<b>A3</b> Embankments and Drought	50g/m <sup>2</sup> (500kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 15-50mm
<b>A4</b> Low Maintenance Areas	35g/m <sup>2</sup> (350kgs/ha) (5-10g/m <sup>2</sup> (50-100kg/ha) when combining with wildflowers)	20g/m <sup>2</sup> (200kgs/ha)	Between 20mm-uncut level
<b>A6</b> Supreme Shade	40g/m <sup>2</sup> (400kgs/ha)	25g/m <sup>2</sup> (250kgs/ha)	Between 25-50mm
<b>A15</b> Reclamation Landfill	25g/m <sup>2</sup> (250kgs/ha)	15g/m <sup>2</sup> (150kgs/ha)	Between 25-75mm



**More Grade 'A'  
landscaping  
mixtures**

	<b>Sowing Rate:</b>	<b>Overseeding Rate:</b>	<b>Cutting Height:</b>
<b>A16</b> Reclamation Country Parks	25g/m <sup>2</sup> (250kgs/ha)	15g/m <sup>2</sup> (150kgs/ha)	Between 25-75mm
<b>A17</b> Legume and Clover	2.5g/m <sup>2</sup> (25kgs/ha)	n/a	As required as part of other mixtures
<b>A18</b> Road Verge & Embankments	35g/m <sup>2</sup> (350kgs/ha)	25g/m <sup>2</sup> (250kgs/ha)	Between 25-50mm
<b>A19</b> All Purpose Landscaping	50g/m <sup>2</sup> (500kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 20mm
<b>A21</b> Saline Coastal & Road Verges	40g/m <sup>2</sup> (400kgs/ha)	25g/m <sup>2</sup> (250kgs/ha)	Between 25-50mm
<b>A22</b> Low Maintenance	50g/m <sup>2</sup> (500kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Between 20-50mm
<b>A24</b> Wear & Tear	50g/m <sup>2</sup> (500kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 10mm
<b>A25</b> Agricultural Reinstatement	8g/m <sup>2</sup> (80kgs/ha)	n/a	Graze or cut as required
<b>A26</b> So-Green	35g/m <sup>2</sup> (350kgs/ha)	20g/m <sup>2</sup> (200kgs/ha)	Down to 25mm



Scan this code with your  
smart phone or tablet  
camera to visit the GerminAl  
Amenity landscaping mixtures  
page to find your product  
mixture breakdown or go to  
[germinAlamenity.com](http://germinAlamenity.com)



**Wild flora**  
mixtures

## Wild sustainable beauty

As part of our commitment to improving the environmental and ecological benefit of man-made environments, our wildflower mixtures have been updated.

In addition to our UK specific Regional Environmental (RE) mixtures, we have incorporated a selection of pollinator-friendly non-native and 'garden' varieties into our general landscaping wild flora (WF & WFG) range, known as Urban Meadow.



*More information on Germinal's enhanced wildflower range can be found by scanning the QR code.*





General landscaping

# Urban Meadows

## Mixtures containing grass



### WFG2

#### Flowering Meadow

##### Where to use this mixture:

Creates a meadow for most urban and suburban situations, combining the UK native wildflowers and selected non-native species found in WF1 with 80% grasses to produce a grassland meadow mixture, suitable for all soil types. The mixture is balanced to maximise the floral interest from as early as April through to September. The inclusion of a good percentage of annuals assists in giving a first season display when the mixture is sown in March or April.

A great habitat for invertebrates which in turn provide food for birds and mammals. If possible, when cutting in late summer an area of up to one third should be left uncut until the following spring for overwintering invertebrates. This area should be alternated each year.

An 80:20 mix of grasses and annual and perennial flowers including Oxeye Daisy, Birdsfoot Trefoil, Corn poppy, Oxeye Sunflower and Echinacea.

##### Sowing Rate:

5g/m<sup>2</sup>



View all Germinall's wildflower mixtures by scanning this QR code.



More urban  
meadow mixtures

Sowing Rate:

WF1	Flowering Meadow	1g/m <sup>2</sup>
WF3	General Purpose Neutral Soils	1g/m <sup>2</sup>
WF10	Cornfield Annuals	1-2g/m <sup>2</sup>
WF17	Cultivated Annuals	1-2g/m <sup>2</sup>
WF19	Pollinators' Paradise	1-2g/m <sup>2</sup>
WFG4	Neutral Soils	5g/m <sup>2</sup>
WFG5	Calcareous Soils	5g/m <sup>2</sup>
WFG6	Heavy Clay Soils	5g/m <sup>2</sup>
WFG7	Free Draining Soils	5g/m <sup>2</sup>
WFG8	Hedgerows & Shaded Areas	5g/m <sup>2</sup>
WFG9	Wetland & Pond Areas	5g/m <sup>2</sup>
WFG15	Countryside Schools & Colleges	5g/m <sup>2</sup>
WFG18	Butterfly and Honey Bee	5g/m <sup>2</sup>
WFG20	Eco Species Rich Lawn	10g/m <sup>2</sup>
WFG21	Everyday Meadow	15g/m <sup>2</sup>



View all Germinale's  
wildflower mixtures  
by scanning this  
QR code.

## Maintenance Guide

# Urban Meadows mixtures (WF and WFG)

1st cut	Mid - September – 1st October and collect the arisings
Cutting Height	70 - 100mm

### Maintenance thereafter

Cut from mid-August to early October. This can be done as one cut but preferably, and if the meadow is big enough, you will cut it in sections leaving a week to a fortnight between cuts. Ensure you collect the arisings. If the meadow is large enough consider allowing up to a fifth to stand uncut through the winter and cut down and remove the clippings in March the following year, this will provide a habitat for invertebrates and some vertebrates over the winter. Rotate this area so a different section is left uncut each year. This more closely replicates the grazing of animals which would leave some small areas not grazed.

If possible and with the obvious exception of areas you are leaving uncut, lightly mow the sward down to 70-100mm as required throughout the winter months until March and collect the clippings.

### Mixtures without grass (WF1, WF3 and WF19)

Cut down to 70-100mm from early September. Remove arisings. If practical consider leaving up to one fifth of the area uncut, the remaining dead stalks will provide a nesting and hibernation site and egg laying habitat for invertebrates over the winter. Alternate this area each winter.

If possible and with the obvious exception of areas you are leaving uncut, lightly mow the sward down to 70-100mm as required throughout the winter months until March and collect the clippings.

### Mixtures of Annuals (WF10 and WF17)

These require no maintenance although over-sowing may be required in the spring each year until a sufficient seed bank has been built up.



100% UK Native

## Regional environmental (RE) mixtures



### RE1

#### Traditional Hay Meadow

(MG5 Grassland)

A grassland and wildflower community which reflects an old hay meadow before the advent of modern agricultural practises. Suitable for being managed by grazing in the long term however for the first few seasons managing by cutting might be required in order to develop the depth of sward to avoid excessive poaching. A great habitat for invertebrates, birds and mammals.

#### Where to use this mixture:

- Heavy clay soils
- Road verges
- Embankments
- Quarry areas
- Lowland areas
- To encourage insects and birds

An 80:20 mix of grasses & native wildflowers including Meadowsweet, Agrimony and Salad burnet.

#### Sowing Rate:

5g/m<sup>2</sup>

More regional  
environmental mixtures

Sowing Rate:

RE2	Lowland Meadow (MG9 Grassland)	5g/m <sup>2</sup>
RE3	River Flood Plain/Water Meadow (MG8 Grassland)	5g/m <sup>2</sup>
RE4	Lowland Limestone (CG2 Grassland)	5g/m <sup>2</sup>
RE8	Costal Reclamation (MG12 Grassland)	5g/m <sup>2</sup>
RE9	Farmland Mixture (MG6 Grassland)	5g/m <sup>2</sup>
RE10	Marginal Land (U20 Grassland)	5g/m <sup>2</sup>
RE11	Heath Scrubland (U13 Grassland)	5g/m <sup>2</sup>



To view Germinall's  
comprehensive guides  
on wildflower meadow  
management, scan  
this QR code.



100% UK Native

## Regional Environmental (RE) mixtures

### Autumn sown - Year one

1st cut	Early July
Repeated cuts	Monthly during August, September and October
Cutting Height	70 - 100mm

### Spring sown - Year one

1st cut	Mid - September – 1st October and collect the arisings
Repeated cuts	Monthly during August, September and October
Cutting Height	70 - 100mm

### Maintenance thereafter

Cut from mid-July to early September. This can be done as one cut but preferably, and if the meadow is big enough, you will cut it in sections leaving a week to a fortnight between cuts. Ensure you collect the arisings. If the meadow is large enough consider allowing up to a fifth to stand uncut through the winter and cut down and remove the clippings in March the following year. Doing this will provide a habitat for invertebrates and some vertebrates over the winter. Rotate this area so a different section is left uncut each year. This more closely replicates the grazing of animals which would leave some small areas not grazed.

If possible and with the obvious exception of areas you are leaving uncut, lightly mow the sward down to 70 - 100mm as required throughout the winter months until March and collect the clippings.



Farleys SOLICITORS



Fertilisers

## Slow release fertilisers

### GSR TRI-PHASE 18-3.5-8

(+1Mgo+TE)

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**Trace elements:**

COPPER, ZINC, BORON,  
MANGANESE AND MOLYBDENUM

**Granule size:**

1.0-2.0mm

**Spreading rate:**

25 - 35g/m<sup>2</sup>

**Period of usage:**

March - September

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An organic based phased release fertiliser that provides a consistent release of nitrogen and potash over a period of 5 months.

Quick release N gives way to methylene urea followed by a final release from the organic based element. Slow release potash from Kali vinasse helps regulate the water, as well as the intake and movement of nutrients around the plant. This is essential to reduce plant stress and enhance drought resistance. GSR Tri-Phase is perfect for sports fields, golf fairways, golf tees and all amenity areas.

- 16 - 20 week release period
- Mini and max granule option
- Phased release ensures uniform feeding across the period of use
- Slow release potash aids plant health and drought resistance



More information on  
Germinal's fertiliser  
range can be found by  
scanning the QR code.

### More slow release fertilisers

	Trace Elements:	Granule size:	Spreading rate:	Period of usage:
<b>NovaTec Premium</b> 15-3-20 (+2% MgO + TE)	Boron Iron Zinc	2.0-4.0mm	20-35g/m <sup>2</sup>	February - November
<b>NovaTec Classic</b> 12-8-16 (+3% MgO + TE)	Boron Iron Zinc	2.0-4.0mm	20-35g/m <sup>2</sup>	February - November
<b>Winter Booster</b> 5-3-20 (+1FE)	n/a	2.0-4.0mm	70g/m <sup>2</sup>	All year

All above bag sizes are 25kg



More information on  
Germinal's fertiliser  
range can be found by  
scanning the QR code.

## Specialist fertilisers

### Fertilis Swing NK

14-0-19

(+2% MgO + TE)

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**Trace elements:**

0.02% boron, 6% iron

**Bag size:**

25Kg

**Granule size:**

0.5-1.5mm

**Spreading rate:**

30g/m<sup>2</sup>

**Period of usage:**

February – September

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Homogenous NPK Compound Fertilisers combined with *Bacillus subtilis*, selection

E4-CDX(R). Fertilis products can be used at any time through the growing season but are especially useful when applied at the time of seeding to protect young plants from soil borne seedling diseases.

- Improved plant fitness and vitality
- Higher stress tolerance
- Promotion of root development
- All nutrients are fully plant available
- Inclusion of *Bacillus subtilis*, selection E4-CDX(R) for healthier and more disease resistant turf
- Perfect for use at time of seeding as a preventative against soil borne seedling diseases
- Micro Granular for rapid prill dispersal and quicker nutrient availability. Important because nutrients aren't plant available until they are in solution in the rootzone
- Increased microbial activity in the rootzone, particularly important in more inert sand based soils
- Helps protect against plant parasitic nematodes
- Promotion of root development



### More specialist fertilisers

	Trace Elements:	Granule size:	Spreading rate:	Period of usage:
<b>G13 ProteKt</b> 3-0-22 (+3% Fe)	n/a	1.0-2.0mm	35g/m <sup>2</sup>	All year
<b>G14 Alleviate Fe</b> 4-0-10 (+ 8%Fe)	Manganese	0.5-1.0mm	35g/m <sup>2</sup>	All year
<b>Agrosil® LR</b> 0-20-0 (+20% Silicate)	n/a	1.0-2.0mm	50g/m <sup>2</sup> * 80g/m <sup>2</sup> ** 100-120g/m <sup>2</sup> *** 35g/m <sup>2</sup> ****	All year
<b>Easygreen Mini</b> 12-12-17 (+3MgO)	Boron, iron, zinc	1.0-2.5mm	35g/m <sup>2</sup>	February - October

All above bag sizes are 25kg

\*Top dressing turf 50g/m<sup>2</sup>,

\*\*Top dressing turf and brushing with aeration / core holes 80g/m<sup>2</sup>,

\*\*\*Applying under turf 100-120g/m<sup>2</sup>,

\*\*\*\*Applying at time of seeding 35-50g/m<sup>2</sup>



More information on  
Germinal's fertiliser  
range can be found by  
scanning the QR code.

## Liquid fertilisers

### Vitanica RZ 5-0-5

*Bacillus myloliuefaciens*, (R)  
(Selection R6-CDX)

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**Application rate:**

10 - 30L/per hectare  
Maximum concentration 10%

**Pack size:**

10L

**Period of usage:**

March - October

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Vitanica RZ is a liquid organic mineral NK- fertiliser for foliar application in high quality turfgrass. *Bacillus amyloliquefaciens* (selection R6-CDX) protects plants by outcompeting harmful pathogens for space around the roots and giving off an antibiotic effect. This leads to an increased vitality of the plant and a reduced susceptibility to disease and abiotic stress. This unique product is perfect for application at any time of year, but especially as a disease preventative prior to times of known disease pressure.

- Liquid organic mineral NK fertiliser
- Seaweed extract
- Chelated trace element package
- Perfect as a preventative against soil borne pathogens
- Deters plant parasitic nematodes
- Encourages root development
- Enhance the resistance of turfgrass against disease and stress

## More liquid fertilisers

	Pack size:	Application rate:	Period of usage:
<b>Liquid Chelated Iron</b> 8% Fe	10L	10-30L per Ha (min 200-400L of water per Ha)	All year
<b>Fighter Commando Phosphite</b> 0-28-26	10L	5L per Ha at 3-4 week intervals	March - October

## Ammonia / Urea based

<b>GL1</b> 15-3-3 + Te (Iron, Manganese)	20L	30L per Ha	March - October (fine turf) All year for sports
<b>GL2</b> 3-6-6 + 1Fe	20L	30L per Ha	March - October (fine turf) All year for sports
<b>GL3</b> 20-0-10 + Seaweed + Humic	20L	30L per Ha	March - October (fine turf) All year for sports
<b>GL4</b> 16-3-10	20L	30L per Ha	March - October (fine turf) All year for sports
<b>GL5</b> 12-0-6 + 1Fe	20L	30L per Ha	March - October (fine turf) All year for sports
<b>GL6</b> 9-4-6 + TE + SW + Humic	20L	30L per Ha	All year

**Seaweed  
based feeds**

	Pack size:	Application rate:	Period of usage:
<b>Maritime Turf Hardener</b> 2-4-4 + 4fe	10L	20-40L per Ha in 400-600L of water	Every 4-6 weeks
<b>Maritime + Nitrogen</b> 15-0-0	10L	40L per Ha in 400-600L of water	Every 4-6 weeks
<b>Maritime + Iron</b> 4Fe	10L	40L per Ha in 400-600L of water	Every 4-6 weeks
<b>Maritime Natural</b> 30	10L	40L per Ha in 400-600L of water	Every 4-6 weeks



More information on  
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## Compound fertilisers

### Pre-seeding G1 Quick Start 6-9-6

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**Granule size:**

2.0 - 4.0mm

**Pack size:**

25kg

**Spreading rate:**

70g/m<sup>2</sup>

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The standard analysis for use as a pre-seed dressing for the establishment of seed on both outfield and fine turf areas.

- The industry standard pre-seeding fertiliser
- High phosphate levels to instantly aid root growth and accelerate seedling establishment
- Levels of potassium help strengthen the leaf blade of new seedlings and help new seedlings fight foliar disease such as pythium diseases



*More information on  
Germinal's fertiliser  
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scanning the QR code.*

	More compound fertilisers	Granule size:	Spreading rate:
Pre-seeding	G2 Quick Start Extra 10-15-10	2.0 - 4.0mm	70g/m <sup>2</sup>
Spring/Summer	G3 Spring kick 12-6-6	2.0 - 4.0mm	70g/m <sup>2</sup>
	G4 Fine Turf 11-5-5	0.5 - 1.5mm	70g/m <sup>2</sup>
	G5 Booster 9-7-7	2.0 - 4.0mm	70g/m <sup>2</sup>
	G6 Booster Extra 20-10-10	2.0 - 4.0mm	70g/m <sup>2</sup>
	G9 Fine Turf Iron Booster 12-3-9 +2Fe +0.5Mg	0.5 - 1.5mm	70g/m <sup>2</sup>
	G10 Labour Saver Weed, feed & moss killer 10-2-1.7 +8Fe	1.0 - 1.4mm	35g/m <sup>2</sup>
Autumn/Winter	G7 Bio Builder 5-3-8 +8CaO+0.5Mg	1.0 - 2.0mm	70g/m <sup>2</sup>
	G8 Winter Defence 3-12-12	2.0 - 4.0mm	70g/m <sup>2</sup>
	G12 Fine Turf Autumn Tonic 3-6-8 +4Fe	0.5 - 1.5mm	70g/m <sup>2</sup>
	G15 Fine Turf Winter Defense 3-10-5	0.5mm	70g/m <sup>2</sup>

All above pack sizes are 25kg  
with the exception of G10 Labour Saver which is 20kg

# Territory map

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## Find out more

Should you require any more information, or to request a selection of free brochures and technical guides, please visit our website:

[germinalamenity.com](http://germinalamenity.com)



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