



HarrowdenTurf
GROWING BETTER TOGETHER



PRODUCT GUIDE
2022

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Harrowden Turf Timeline

1962

Sussex Turf Supplies is born.

1979

Sussex Turf Supplies moves to Lancashire and takes on its new name of Turfland.

1985

Stewarts Turf set up to supply Scotland's Greenkeepers, Groundsmen and Landscapers.

1993

Qlawns starts turf production in Feltwell, Norfolk.

1998

Enviromat Sedum Matting is launched.

2005

Turfonline.co.uk launches.

2006

Spearhead Turf first harvests.

2007

Qlawns joins Harrowden Group.

2010

Meadowmat Wildflower Turf launches.
Turfland joins Harrowden Group.

2012

Turfland's 50th anniversary.



About Harrowden Turf

Harrowden Turf is the UK's largest grower and distributor of turf. We are also recognised for our comprehensive range of wildflower and sedum mat products, together with topsoil and other premium landscaping products.

We pride ourselves on our professionalism, reliability, integrity, and passion for delivering outstanding customer service. There is no room to stand still in such a competitive environment and our culture of innovation means our products and services evolve and are at the forefront of industry trends and developments.

Harrowden Turf is a family run company that was borne out of the amalgamation of four of the UK's most renowned regional turf companies. We boast a wealth of specialised growing skills and experience, coupled with in-depth local knowledge gained over more than 50 years in the turf industry. This has created true nationwide capability without the loss of that all-important local knowledge and experience.

We believe it is important to have a clear vision and set of values to demonstrate what we are all about and how we operate.

Our Vision

Help create inspirational green spaces that enrich lives and our environment.

Our Mission

To sustainably deliver the right products, to the right place, at the right time, every time.

Our Values

Quality We strive to deliver outstanding products and exceptional customer service every day.

Integrity We are open and honest in all our dealings to build trust and more resilient relationships.

Innovation We challenge what we do everyday to drive positive change.

Teamwork We believe in growing better together to deliver more success through shared goals and mutual support.

Sustainability We aim to grow and develop our business whilst caring for the environment and our community.

2013

Stewarts Turf joins Harrowden Group.

2015

Spearhead Turf joins Harrowden Group.

2016

Harrowden Turf brand launches and moves to a new Head Office at Islip, Northamptonshire.

Harrowden Turf Warrington depot relocates.

2020

Harrowden Turf Kettering depot opens at Islip.

2022

New Turfonline website launches.

All around the UK people experience our superior living landscape products every day. And now you are about to experience for yourself the benefits of choosing the UK's leading turf grower.



Why Harrowden Turf?

At Harrowden Turf we are passionate about our products and are totally focused on providing excellent customer services. With our extensive product knowledge and years of experience supplying the landscape industry, we are able to provide the consistency of product and the reliability of service our customers demand. Harrowden Turf has adopted the very latest technology across planting, maintenance, harvesting and distribution to ensure that our customers are supplied with only the best possible product, in peak condition, where they want it, when they want it.

What gives Harrowden Turf the edge over competitors?

No other turf company has the broad geographic spread of production centres with unrivalled regional knowledge gained over many years in the turf industry. Locating our production sites closer to our customers means we are well placed to sustainably service customers across the UK. We believe we have several other advantages over our competitors:

Product range our wide range of industry leading turf, Meadowmat Wildflower Turf, Enviromat Sedum Matting and other landscaping products suitable for many applications.

Consistency from planting to delivery of the end-product we operate the same systems, production processes and methodology across all sites. All our farms can irrigate during dry spells and supply can be switched between farms if severe weather conditions begin to impact quality, allowing us to provide reliable year-round supply.

Distribution our market leading delivery service whether via our own forklift enabled fleet, partnerships with reliable specialist hauliers and national pallet networks. This in combination with our local production and depot collection locations gives customers greater access to our products. Our local presence lowers journey times, increases delivery reliability and means fresher turf upon arrival. The ability to offer priority services and accurate ETA's gives you the ability to plan your work effectively.

Scale as one of the largest turf producers in Europe we negotiate the best prices and demand the highest quality seed, inputs, equipment, and haulage, passing the benefits on to our customers. It also creates the platform for innovation with scope and resource to invest in R&D to ensure we remain at the forefront of industry developments.

Trust we seek to be open and transparent in all our dealings. We have a proud history and are in business for the long-term through building strong relationships and delivering quality every time. We are happy to be held to account and we subscribe to the independently administered reviews.co.uk platforms to obtain real customer feedback and testimonials.

Process Control Harrowden Turf's modern processes and IT systems make having turf delivered easier than ever, even at short notice.

People Above all we pride ourselves on our great people, seamlessly working together to ensure we deliver the right products, to the right place, at the right time, every time.

“ Our order turned up when promised and was in excellent condition... we laid it the same evening... we have kept it well watered... It quickly grew into lush weed-free grass and is looking fantastic. Thank you. ”

D. Wade - Sept 2020



Introducing our lawn turf range

Grown the way nature intended

Good land for turf cultivation is very hard to find. It has taken us many years to select the perfect location for our farms. Harrowden Turf is grown on some of the finest soil in the country. Rich and fertile, it encourages a vigorous root system that allows our turves to establish quickly into any type of soil.

The choice of grass seed used in turf production plays an important part in how the finished lawn will look and perform. We draw on our accumulated knowledge to source varieties for best possible colour, disease resistance, durability and growth habit.

It is then over to our team of turf growers who utilise pioneering techniques and state-of-the-art machinery to ensure the turf you receive meets our high standards. We painstakingly tend to our fields ensuring every roll of turf that leaves our farms is lush, fresh, strong and ready for you to create the perfect lawn. At Harrowden Turf each load is harvested to order.

Peace of mind guaranteed! All our turf is checked to ensure it meets our strict quality standards.

You can't grow the finest living landscaping in factory conditions - so your turf is grown on some of the best-kept farmland in the country.

Selecting the right turf

To make your choice easier we offer four varieties, our principal lawn turf, ornamental turf, a shady areas option and a wildflower meadow turf.

Premium An attractive and durable turf perfect for garden lawns, sports areas and general purpose landscaping. A carefully blended mix of fine-leaved Perennial Ryegrass, Slender Creeping Red Fescue, Smooth-Stalked Meadow Grass and Chewing's Fescue.

Royal Greens For ornamental lawns, prestige landscaping projects and golf greens. The mix is predominantly fine fescue grasses with a small amount of bent. This turf will withstand close mowing to produce a fine show lawn or green. Recommended to professional gardeners and greenkeepers only due to high maintenance requirements.

Shadesman is a specialist turf variety developed for full shade areas like courtyard gardens, urban areas, and under mature trees. This lawn requires 50% less mowing than conventional turf varieties. It has high drought tolerance and can withstand heavy footfall. However, this turf will not survive in areas with poor drainage.

Species Rich is a blend of 12 slow growing grasses and 23 native wildflowers perfect for creating an informal lawn that is both pretty and pollinator-friendly and a lawn that is hardwearing, incredibly easy to care for and a real asset to biodiversity.





Specifications: Premium Turf

■ Product Order Code	Turf-S6
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 610mm wide (24") 1640mm long (64.5")
Soil Thickness	10mm to 15mm (0.39" to 0.59")
Roll Weight	18kg – saturated weight may be up to 22kg
Grass height on despatch	Approx. 25mm (1")
■ Large Format Rolls	10m ² or 20m ² are available on request. Laying equipment for large format rolls is available to hire.

All measurements are approximate and taken when harvested.

■ Growth	Harrowden Turf Premium Turf is grown for approximately 12 months produced without plastic netting. The seed cultivars used are independently selected to provide the best quality sward. This results in a unique blend that produces a finer leaved luxurious but hardwearing lawn. Harrowden Turf Premium Turf will have been treated for weeds and will contain mature grass plants, root fibre and enough soil to maintain the plant during establishment. Each roll should be strong enough to support its own weight when lifted at one end.
■ Typical Seed Mixture*	20% Perennial Ryegrass 10% Smooth Stalked Meadow Grass 35% Slender Creeping Red Fescue 20% Strong Creeping Red Fescue 15% Chewing's Fescue
■ Soil Classification	Grown on free draining DEFRA classified grade 1 mineral sand or organic loams.

Attractive and easy to maintain, our Premium Turf contains a carefully blended mix of fine-leaved Perennial Ryegrass, Slender Creeping Red Fescue, Smooth-Stalked Meadow Grass and Chewing's Fescue.

Features: Premium Turf

■ Features

Due to the unique mix of species and cultivars this turf will have some shade, drought and salt tolerance.

Good year round colour.

Close mowing capability.

High shoot density with good rhizomatous recovery.

Outstanding tolerance to Fusarium, Red Thread and Dollar Spot.

Compatible with most growing mediums found throughout the UK.

Ideal for:

High quality landscapes

Commercial landscaping

Domestic lawns

Golf tees

Hardwearing amenity sports areas

Urban areas

What's in our Premium lawn*

20% Perennial Ryegrass

10% Smooth Stalked Meadow Grass

35% Slender Creeping Red Fescue

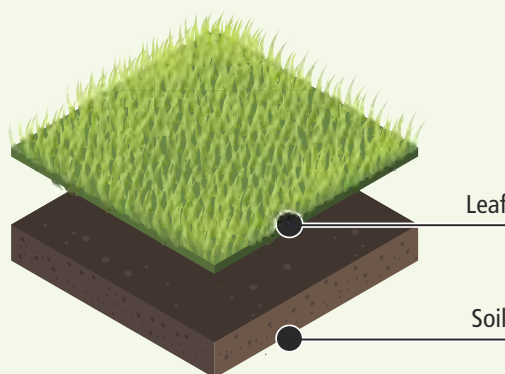
20% Strong Creeping Red Fescue

15% Chewing's Fescue

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure the presence of Poa Annua is kept to a minimum, however we cannot guarantee that any turf is Poa Annua free on delivery, either post or pre-emergent.*



100% Grasses





Specifications: Royal Greens

■ Product Order Code	Turf-S3
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 610mm wide (24") 1640mm long (64.5")
Soil Thickness	10mm to 15mm (0.39" to 0.59")
Roll Weight	18kg – saturated weight may be up to 22kg
Grass height on despatch	Approx. 10mm (0.39")

All measurements are approximate and taken when harvested.

Royal Greens turf requires regular skilled maintenance by a professional Greenkeeper or gardener and is therefore unsuitable for the majority of domestic applications.

■ Growth	Harrowden Turf Royal Greens is grown for approximately 12 months and is produced without plastic netting. The seed cultivars used are independently selected to provide a superior quality, fine, dense sward. Harrowden Turf Royal Greens will have been treated for weeds and will contain mature grass plants, root fibre and enough soil to maintain the plant during establishment. Each roll should be strong enough to support its own weight when lifted at one end.
■ Typical Seed Mixture*	20% Browntop Bent 40% Slender Creeping Red Fescue 40% Chewing's Fescue
■ Soil Classification	Grown on free draining sandy loams close to USGA (United States Golf Association) specification.

Features:

Royal Greens

■ Features

Extremely fine texture.
Excellent year round colour.
Extreme close mowing capability.
Compatible with most growing mediums found throughout the UK.
Outstanding disease resistance.
Requires regular skilled care and maintenance.

Ideal for:

Luxury ornamental lawns

Golf greens

Bowling greens

What's in our Royal Greens Turf*

20% Browntop Bent

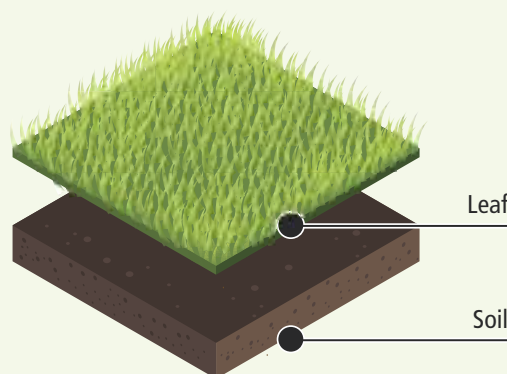
40% Slender Creeping Red Fescue

40% Chewing's Fescue

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure the presence of Poa Annua is kept to a minimum, however we cannot guarantee that any turf is Poa Annua free on delivery, either post or pre-emergent.*



100% Grasses



Specifications:

Shadesman+ Turf

■ Product Order Code	TURF-S8
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 610mm wide (24") 1640mm long (64.5")
Soil Thickness	10mm to 15mm (0.39" to 0.59")
Roll Weight	18kg – saturated weight may be up to 22kg
Grass height on despatch	Approx. 25mm (1")

All measurements are approximate and taken when harvested.

■ Growth	Harrowden Turf Shadesman+ is grown for approximately 18 months and is produced using no plastic netting. The use of Poa Supina and Poa Pratensis creates a medium textured low maintenance lawn, that is both shade and drought tolerant. Harrowden Turf Shadesman+ will have been treated for weeds and will contain mature grass plants, root fibre and enough soil to maintain the plant during establishment. Each roll should be strong enough to support its own weight when lifted at one end.
■ Typical Seed Mixture*	50% Poa Supina 50% Poa Pratensis
■ Soil Classification	Grown on free draining DEFRA classified grade 1 mineral sand or organic loams.

Shadesman+ builds on the features of our popular Shadesman Turf. The addition of Poa Pratensis creates an extremely hardwearing lawn that is both shade and drought tolerant.

Features: Shadesman+ Turf

■ Features

Extremely high shade tolerance.

Drought tolerant.

Excellent year round colour and winter hardy.

Close mowing capability.

High shoot density with unique stoloniferous creeping ability.

Low maintenance requiring up to 50% less mowing than a conventional ryegrass turf.

Compatible with most growing mediums found throughout the UK however this turf is not suitable for areas with poor drainage or waterlogging.

Ideal for:

Shaded landscaped areas

Commercial landscaping

Domestic lawns

Golf tees

Racecourses

Hardwearing amenity areas

Urban areas

What's in our Shadesman lawn

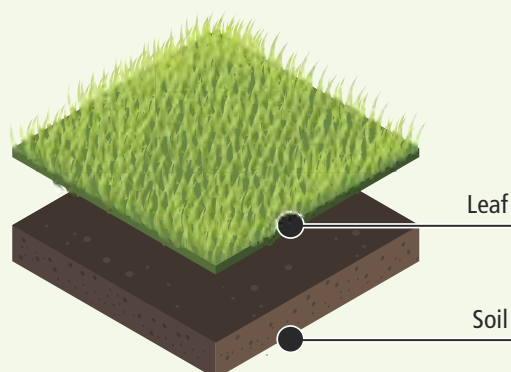
50% Poa Supina*

50% Poa Pratensis*

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure the presence of Poa Annua is kept to a minimum, however we cannot guarantee that any turf is Poa Annua free on delivery, either post or pre-emergent.*



100% Grasses



Specifications: Species Rich Turf

■ Product Order Code	MEAD-SR
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 500mm wide (19.6") 2000mm long (78.7")
Soil Thickness	15mm to 25mm (0.59" to 0.98")
Roll Weight	18kg – saturated weight may be up to 22kg
Grass height on despatch	Approx. 40mm (1.5")

All measurements are approximate and taken when harvested.

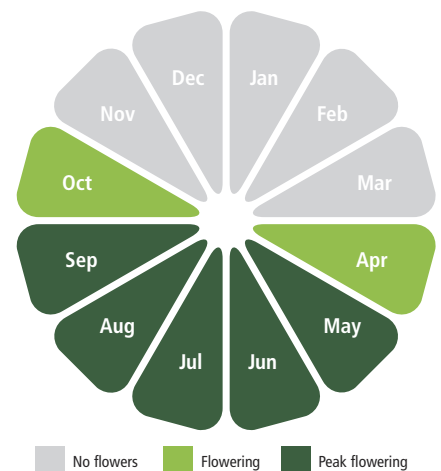
■ Growth	Harrowden Turf Species Rich Lawn Turf is a blend of 12 slow-growing grasses and 23 native wildflowers. The specially selected grasses ensure full coverage all year round. Harrowden Turf Species Rich Lawn Turf will contain mature plants, root fibre and enough soil to maintain the plant during establishment.
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■ Typical Seed Mixture*	80% Slow Growing Grasses 20% Native Wildflowers
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■ Soil Classification	Grown on a sandy loam and compost based substrate.
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Species Rich Lawn Turf is a blend of 12 slow growing grasses and 23 native wildflowers. The specially selected grasses ensure full coverage all year round.

Flowering Times



Features:

Species Rich Turf

■ Features

Biodiverse and pollinator friendly.
 Low maintenance.
 Hardwearing.
 Good year-round colour and appearance.
 Good drought tolerance.
 Compatible with most growing mediums found throughout the UK and can tolerate slightly more nutrient rich soils.

Ideal for:

Low maintenance areas
Commercial landscaping
Domestic lawns
Urban areas

What's in our Species Rich lawn

- Slender Creeping Red Fescue
- Hard Fescue
- Sheep's Fescue
- Small Leaved Timothy
- Crested Dogs Tail
- Brown Top Bent
- Chewings Fescue
- Creeping Bent
- Strong Creeping Red Fescue
- Smooth Meadow Grass
- Rough Stalked Meadow Grass
- Perennial Ryegrass
- Autumn Hawkbit
- Yellow Rattle
- Small Scabious
- Wood Sage
- Wild Carrot
- Red Clover
- Common Dandelion
- Common Knapweed
- Meadow Buttercup
- Rough Hawkbit
- Cat's Ear
- Cowslip
- Common Mouse-ear
- Flax
- Birdsfoot Trefoil
- Black Medick
- Ribwort Plantain
- Common Sorrel
- Lady's Bedstraw
- White Clover
- Creeping Buttercup
- Selfheal
- Yarrow



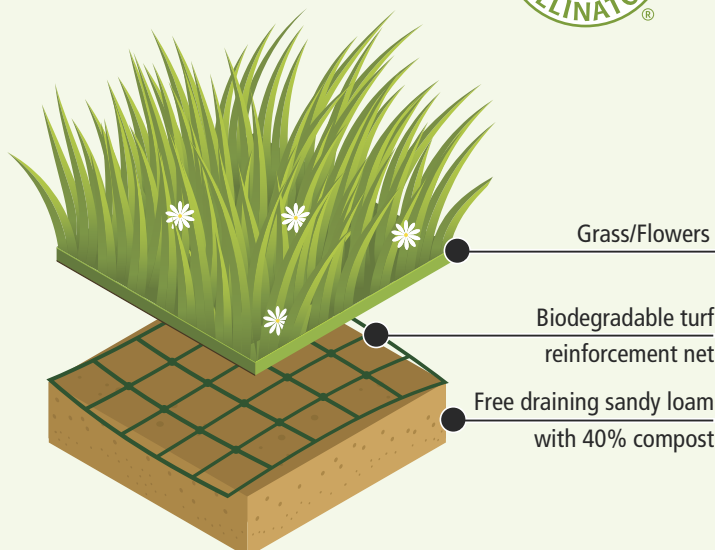
80% Grasses
20% Flowers



Slow Growing Grasses



Native Wildflowers



**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. Contains annual and perennial species.*



Introducing our Meadowmat range



Meadowmat is a quick, convenient and easy way to establish a wildflower area in your garden.

The speedy way to create biodiverse planting schemes

Since the Second World War, 98% of the UK's wildflower meadows have disappeared; a loss of a source of food and shelter to countless species of insects, birds, invertebrates and small mammals. If every gardener in the UK were to turn just 10% of their garden into wildflower meadow, we could reinstate 10,000 acres of butterfly habitat. The UK is lucky enough to support over 1,300 different wildflower species. However, in some counties of the UK wildflowers are disappearing at a rate of more than 2 species per year.

Wildflowers can be notoriously difficult to establish in a garden. Meadowmat is a convenient, quick and easy way to establish a wildflower area. Specially selected mixtures of native and wildlife friendly flowers and grasses pre grown on a proven matting system. All you have to do is unroll the mat on to prepared ground and keep it well watered until it roots into your soil.

We have been developing our range of wildflower products since 2010. Each variety of Meadowmat Wildflower Turf is a colourful mix of flowering plants and grasses all growing strongly onto our proven matting system. Currently we have seven different wildflower mats but new ones are being developed all the time. Each variety has been specially developed to suit a range of applications, from recreating a cottage garden, green roofing or even Sustainable Drainage Systems, its likely we have a mat suitable for your application, and if we don't we can even contract grow to your specific requirements. Please get in touch to discuss your requirements.

Each piece of Meadowmat Wildflower Turf is nurtured from seed to despatch by a small team working on our production unit in rural Norfolk. It's important to us that our different types of Meadowmat Wildflower Turf are as natural as possible. It's grown out of doors and wherever possible we choose UK sourced seeds. We avoid using pesticides during the growing process and instead we welcome a host of insects and mammals to enjoy the plants as they develop.

To get the very best from all our different types of Meadowmat Wildflower Turf, we recommend that it is installed onto low fertility soil.

All of our Meadowmat Wildflower Turf varieties contain plants that have been recognised by The RHS as being essential to support the UK's declining pollinators. More information can be found by visiting the RHS website: www.rhs.org.uk

Why Choose Meadowmat?

- Pre-grown mats give you instant ground cover.
- Matting system helps to suppress annual weeds.
- Fast establishment – Meadowmat often flowers in its first summer and provides instant ground coverage.
- Mixed perennial and biennial plants that keep flowering year after year.
- Plant species chosen to provide food and habitat for bees, birds, butterflies and small mammals.
- Low maintenance only requiring minimal maintenance at the end of the flowering season.
- Plant species have been chosen to be hardy throughout the UK.
- Low carbon footprint – our mats are British Grown in East Anglia.





Where are you locating your meadow?

When deciding on a wildflower area there are a few things to consider.

Turf or Seed – MeadowMat Wildflower Turf was invented not just to make it easier and faster to create a new meadow but also to overcome the problems that can come with sowing wildflower seeds. However, if you prefer to sow your meadow, we can supply our seed mixtures as an alternative to laying rolls of established MeadowMat Wildflower Turf.

Sunshine – Wildflowers like sunshine. For best results, the ideal spot for a wildflower meadow is an open and sunny spot. The amount of sunlight the area gets will influence how many flowers you will see. In a shady spot you may find you have lots of green growth but very few flowers.

Soil type – Wildflowers thrive in impoverished soils. If the area you chose has moderate to high levels of nutrition, it's likely you will get lots of green leafy growth and any grasses in the mix will do especially well. This will mean your wildflower area will require more maintenance throughout the season and may not have the diversity of flowers as the plants compete for sunlight.

Access – Once your meadow is established and in full flower you probably won't want to walk across it. Make sure that your location doesn't block off any important access. Pathways can be mown through if required.



Specifications: Traditional Meadowmat

■ Product Order Code	MEAD-ORIGINAL
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 500mm wide (19.6") 2000mm long (78.7")
Soil Thickness	18mm to 20mm (0.71" to 0.78")
Roll Weight	20kg – saturated weight may be up to 25kg
Grass height on despatch	Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

All measurements are approximate and taken when harvested.

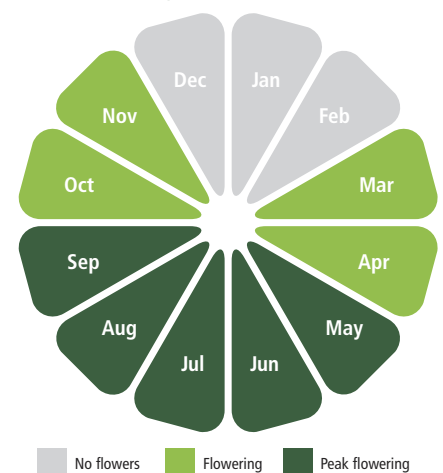
■ Growth	Harrowden Turf Traditional Meadowmat is a blend of 3 slow-growing grasses and 31 native wildflowers typically found in an old fashioned hay meadow. Many of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grasses ensure coverage all year round. Harrowden Turf Traditional Meadowmat will contain mature plants, root fibre and enough soil to maintain the plant during establishment.
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■ Typical Seed Mixture*	20% Slow Growing Grasses 80% Native Wildflowers
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■ Soil Classification	Grown on a sandy loam and compost based substrate
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Traditional Meadowmat gives you a colourful mix of grasses and flowers to recreate the wildflower meadows of yesteryear in your garden.

Flowering Times



Features:

Traditional Meadowmat

■ Features

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time consuming than plug planting.

Biodiverse and pollinator friendly providing a valuable source of nectar and food for many species of insects and birds.

A mixture of grasses and wildflowers for year-round interest.

Environmentally-friendly requiring no fertilisers or pesticides.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil.

Ideal for:

Biodiverse landscaping schemes

Low maintenance areas

Commercial landscaping

Urban areas and parks

Domestic gardens

What's in our Traditional Meadowmat

- Slender Creeping Red Fescue
- Sheep's Fescue
- Crested Dogs Tail
- Autumn Hawkbit
- Betony
- Birdsfoot Trefoil
- Bladder Campion
- Catsear
- Common Knapweed
- Common Sorrel
- Common St John's Wort
- Common Toadflax
- Common Vetch
- Cowslip
- Daisy
- Field Scabious
- Lady's Bedstraw
- Meadow Buttercup
- Meadow Cranesbill
- Meadowsweet
- Musk Mallow
- Ragged Robin
- Red Campion
- Red Clover
- Ribwort Plantain
- Rough Hawkbit
- Salad Burnet
- Selfheal
- Tufted Vetch
- White Campion
- Wild Carrot
- Wild Marjoram
- Yarrow
- Yellow Rattle



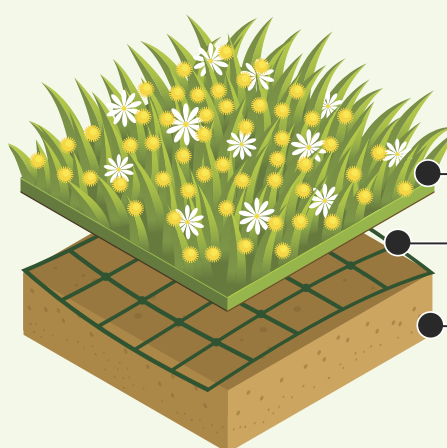
**20% Grasses
80% Flowers**



Slow Growing Grasses



Native Wildflowers



Grass/Flowers

Biodegradable turf
reinforcement net

Free draining sandy loam
with 40% compost

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. Contains annual and perennial species. If installed after March many species may not flower during the first year.*

Specifications:

Birds & Bees Meadowmat

■ Product Order Code	MEAD-BB
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 500mm wide (19.6") 2000mm long (78.7")
Soil Thickness	18mm to 20mm (0.71" to 0.78")
Roll Weight	18kg – saturated weight may be up to 25kg
Grass height on despatch	Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

All measurements are approximate and taken when harvested.

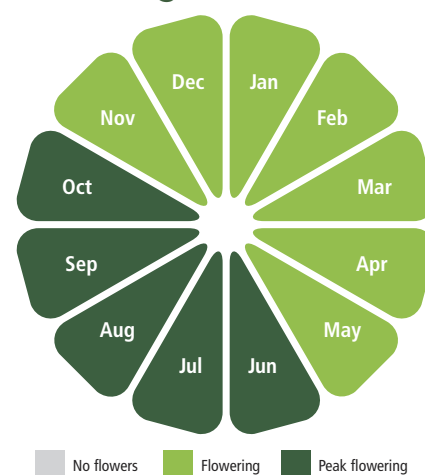
■ Growth	Harrowden Turf Birds & Bees Meadowmat is a blend of 4 slow growing grasses and 41 native wildflowers specially selected to be pollinator friendly. Many of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grasses ensure coverage all year round. Harrowden Turf Birds & Bees Meadowmat will contain mature plants, root fibre and enough soil to maintain the plant during establishment.
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■ Typical Seed Mixture*	10% Slow Growing Grasses 90% Native Wildflowers
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■ Soil Classification	Grown on a sandy loam and compost based substrate
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Meadowmat for birds and bees keeps the interest going all year round with Spring and Summer flowers and beautiful seedheads in the colder months of the year.

Flowering Times



Features:

Birds & Bees Meadowmat

■ Features

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time-consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains perennial, annual and bi-annual species to ensure a varied display each year.

A mixture of grasses and wildflowers for year-round interest.

Environmentally friendly requiring no fertilisers or pesticides.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil.

Ideal for:

Biodiverse landscaping schemes

Low maintenance areas

Commercial landscaping

Urban areas and parks

Domestic gardens

What's in our Birds & Bees Meadowmat

- Slender Creeping Red Fescue
- Sheep's Fescue
- Quaking Grass
- Meadow Barley
- Agrimony
- Autumn Hawkbit
- Birdsfoot Trefoil
- Bladder Campion
- Chicory
- Clustered Bellflower
- Columbine
- Common Mallow
- Common Sorrel
- Common Toadflax
- Cornflower
- Daisy
- Fennel
- Field Poppy
- Fox And Cubs
- Foxglove
- Grandmother's Garden
- Greater Knapweed
- Harebell
- Maiden Pink
- Meadow Buttercup
- Meadow Cranes-Bill
- Musk Mallow
- Purple Loosestrife
- Ragged Robin
- Red Campion
- Red Clover
- Sheep's Bit
- Small Scabious
- Tansy
- Teasel
- Viper's Bugloss
- White Campion
- White Clover
- Wild Basil
- Wild Carrot
- Wild Clary
- Wild Marjoram
- Wild Pansy
- Wild Thyme
- Yarrow



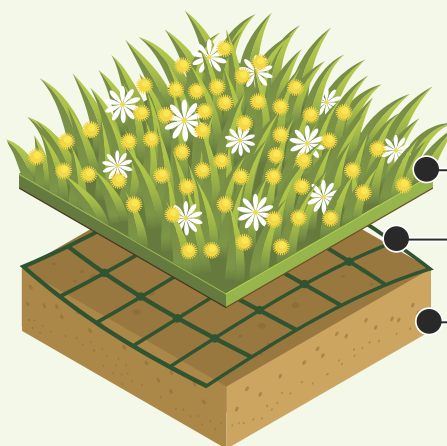
**10% Grasses
90% Flowers**



Slow-Growing Grasses



Native Wildflowers



Grass/Flowers

Biodegradable turf
reinforcement net

Free draining sandy loam
with 40% compost

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species. If installed after March many species may not flower during the first year.*

Specifications:

Woodland Shade Meadowmat

■ Product Order Code	MEAD-WOODLAND
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 500mm wide (19.6") 2000mm long (78.7")
Soil Thickness	18mm to 20mm (0.71" to 0.78")
Roll Weight	20kg – saturated weight may be up to 25kg
Grass height on despatch	Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

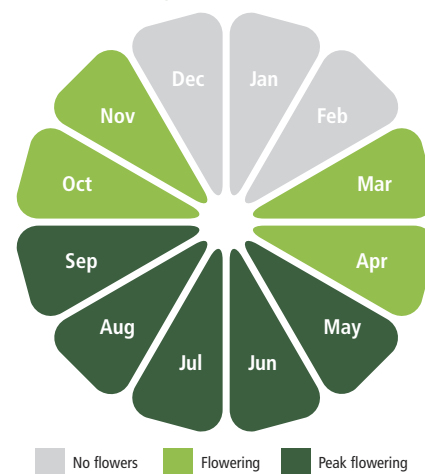
All measurements are approximate and taken when harvested.

■ Growth	Harrowden Turf Woodland Shade Meadowmat is a blend of 3 slow-growing grasses and 35 native wildflowers many of which could be found growing in woodland and hedgerows. All but one of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grasses ensure coverage all year round. Harrowden Turf Woodland Shade Meadowmat will contain mature plants, root fibre and enough soil to maintain the plants during establishment.
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■ Typical Seed Mixture*	30% Native Grasses 70% Native Wildflowers
■ Soil Classification	Grown on a sandy loam and compost based substrate

Our shade tolerant Meadowmat allows you to bring the subtle hues of woodland wildflowers into the shadier parts of your garden.

Flowering Times



Features:

Woodland Shade Meadowmat

■ Features

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time-consuming than plug planting.

Biodiverse and pollinator friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains mainly perennial species to ensure a varied display each year.

Environmentally-friendly requiring no fertilisers or pesticides.

A mixture of grasses and wildflowers for year round interest.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil.

Ideal for:

Biodiverse landscaping schemes

In areas of dappled shade

Around trees or hedgerows

Shade and drought tolerant

Low maintenance areas

Commercial landscaping

Urban areas and parks

Domestic gardens

What's in our Woodland Shade Meadowmat

- Crested Dogstail
- Sheep's Fescue
- Yellow Oatgrass
- Autumn Hawkbit
- Betony
- Birdsfoot Trefoil
- Catsear
- Common Knapweed
- Common Sorrel
- Common Toadflax
- Common Vetch
- Cowslip
- Daisy
- Dame's Violet
- Field Scabious
- Kidney Vetch
- Lady's Bedstraw
- Meadow Buttercup
- Meadow Cranesbill
- Meadow Vetchling
- Meadowsweet
- Musk Mallow
- Pepper Saxifrage
- Primrose
- Ragged Robin
- Red Campion
- Ribwort Plantain
- Rough Hawkbit
- Salad Burnet
- Sanfoin
- Selfheal
- Tufted Vetch
- White Campion
- Wild Carrot
- Wild Marjoram
- Wild Mignonette
- Wood Sage
- Yellow Rattle



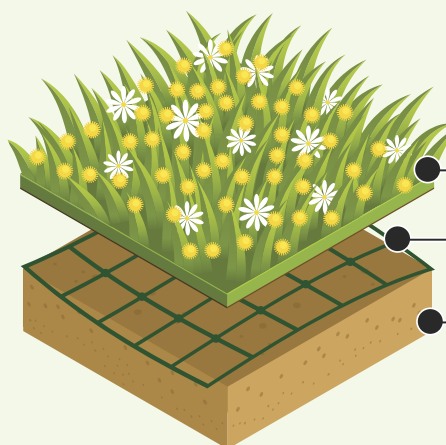
**30% Grasses
70% Flowers**



Native Grasses



Native Wildflowers



Grass/Flowers

Biodegradable turf
reinforcement net

Free draining sandy loam
with 40% compost

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species. If installed after March many species may not flower during the first year.*

Specifications:

Cottage Garden Meadowmat

■ Product Order Code	MEAD-COTTAGE
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 500mm wide (19.6") 2000mm long (78.7")
Soil Thickness	18mm to 20mm (0.71" to 0.78")
Roll Weight	18kg – saturated weight may be up to 25kg
Grass height on despatch	Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

All measurements are approximate and taken when harvested.

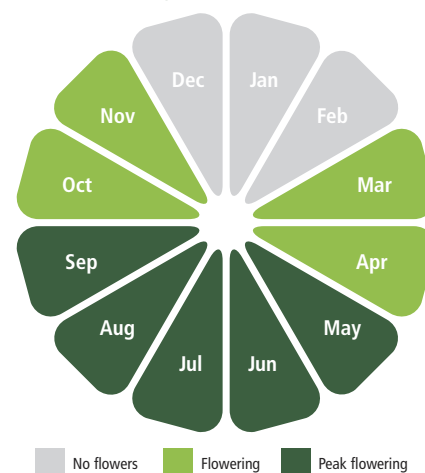
■ Growth	Harrowden Turf Cottage Garden Meadowmat is a blend of 2 slow-growing grasses and 30 native wildflowers many of which could be found in an old fashioned English garden. Most of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grasses ensure coverage all year round. Harrowden Turf Cottage Garden Meadowmat will contain mature plants, root fibre and enough soil to maintain the plants during establishment.
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■ Typical Seed Mixture*	5% Native Grasses 95% Native Wildflowers
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■ Soil Classification	Grown on a sandy loam and compost based substrate
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A glorious blend of native and non-native plants and grasses to attract and support pollinating insects whilst bringing a beautiful splash of colour to your garden.

Flowering Times



Features:

Cottage Garden Meadowmat

■ Features

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time-consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains perennial, annual and bi-annual species to ensure a varied display each year.

Environmentally friendly requiring no fertilisers or pesticides.

A mixture of grasses and wildflowers for year-round interest.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil.

Ideal for:

Biodiverse landscaping schemes

Low maintenance areas

Commercial landscaping

Urban areas and parks

Domestic gardens

What's in our Cottage Garden Meadowmat

- Tufted Hair Grass
- Brown Top Bent
- Achillea Millefolium
- Birdsfoot Trefoil
- Bladder Campion
- Columbine
- Common Knapweed
- Common Mallow
- Corn Chamomile
- Cornflower
- Cosmos Albatross
- Cosmos Gloria
- Erigeron 'profusion'
- Field Scabious
- Linaria - Northern Lights
- Meadow Saxifrage
- Melton Pastels
- Nettle Leaved Bellflower
- Ragged Robin
- Red Campion
- Ribwort Plantain
- Rose Campion
- Sweet Violet
- Thrift
- Turfted Vetch
- Viper's Bugloss
- White Breeze
- White Campion
- Wild Thyme
- Vervain
- Yarrow
- Yellow Horned Poppy



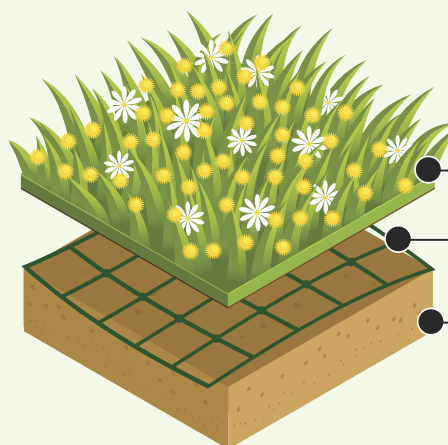
**5% Grasses
95% Flowers**



Native Grasses



Native Wildflowers



Grass/Flowers

Biodegradable turf
reinforcement net

Free draining sandy loam
with 40% compost

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species. If installed after March many species may not flower during the first year.*

Specifications:

Heritage Meadowmat

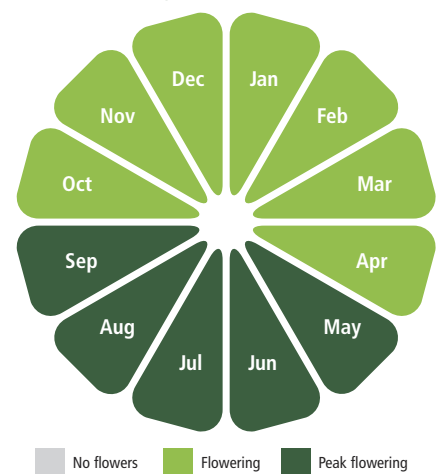
■ Product Order Code	MEAD-ROOF
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 500mm wide (19.6") 2000mm long (78.7")
Soil Thickness	18mm to 20mm (0.71" to 0.78")
Roll Weight	18kg – saturated weight may be up to 25kg
Grass height on despatch	Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

All measurements are approximate and taken when harvested.

■ Growth	Harrowden Turf Heritage Meadowmat is a blend of 1 slow growing grass and 21 native wildflowers that have been selected for their ability to grow in shallow, poor nutrient soils. Most of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grass ensures an all year-round coverage. Harrowden Turf Heritage Meadowmat was originally designed as a quick-to-install green roofing material but is just as happy when installed on the ground. Harrowden Turf Heritage Meadowmat will contain mature plants, root fibre and enough soil to maintain the plants during establishment.
■ Typical Seed Mixture*	10% Native Grasses 90% Native Wildflowers
■ Soil Classification	Grown on a sandy loam and compost based substrate

Heritage Meadowmat was originally developed as a quick-to-install green roofing material with instant plant coverage. However, it is just as happy on the ground!

Flowering Times



Features:

Heritage Meadowmat

■ Features

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains mainly perennial species to ensure a varied display each year.

Environmentally-friendly requiring no fertilisers or pesticides.

A mixture of grass and wildflowers for year-round interest.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil or specialist roofing substrate.

Ideal for:

Biodiverse landscaping schemes

Biodiverse living roofs

Low maintenance areas

Commercial landscaping

Urban areas and parks

Domestic gardens

What's in our Heritage Meadowmat

● Slender Creeping Red Fescue

- Birdsfoot Trefoil
- Bladder Campion
- Clustered Bellflower
- Common Poppy
- Cornflower
- Daisy
- Fox And Cubs
- Lady's Bedstraw
- Maiden Pink
- Meadow Saxifrage
- Ragged Robin
- Sea Campion
- Selfheal
- Sheep's Bit
- Soapwort
- Thrift
- Viper's Bugloss
- Water Avens
- Wild Thyme
- Yarrow
- Yellow Rattle



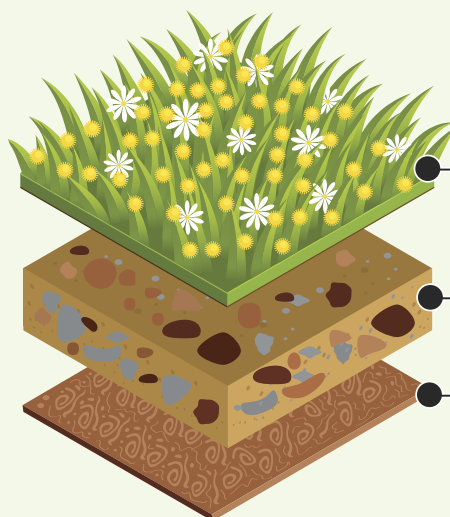
**10% Grasses
90% Flowers**



Native Grasses



Native Wildflowers



Grass/Flowers

Free draining sandy loam
with 40% compost

100% Coir fibre
which is biodegradable

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species. If installed after March many species may not flower during the first year.*

Specifications:

Birds & Bees FLL Meadowmat

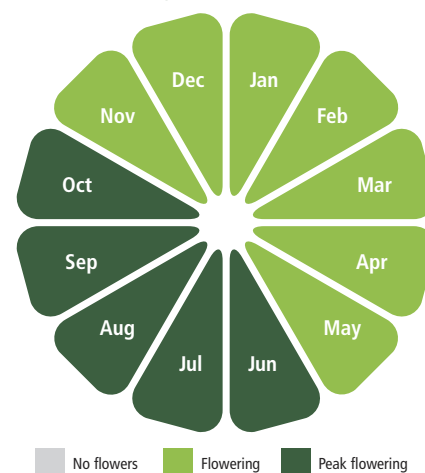
■ Product Order Code	MEAD-BBFL
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 500mm wide (19.6") 2000mm long (78.7")
Soil Thickness	18mm to 20mm (0.71" to 0.78")
Roll Weight	20kg – saturated weight may be up to 25kg
Grass height on despatch	Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

All measurements are approximate and taken when harvested.

■ Growth	Harrowden Turf Birds & Bees FLL Meadowmat is a blend of 41 native wildflowers specially selected to be pollinator-friendly. Many of the species are perennial which means they will flower every year if the conditions are suitable. Grown on a biodegradable coir blanket which means no grass species are required resulting in a more colourful Meadowmat that is also suitable for green roof installations. Harrowden Turf Birds & Bees FLL Meadowmat will contain mature plants, root fibre and enough substrate to maintain the plant during establishment.
■ Typical Seed Mixture*	100% Native Wildflowers
■ Soil Classification	Grown on bespoke FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftbau) compliant substrate.

With no grasses, this 100% wildflower mix is ideal for use on green roofs or areas where a florally focussed display of colour is required.

Flowering Times



Features:

Birds & Bees FLL Meadowmat

■ Features

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time-consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains perennial, annual and bi-annual species to ensure a varied display each year.

Grown on a low nutrient green roof substrate to ensure the best mix of species and controlled growth.

Environmentally friendly requiring no pesticides and only minimal feeding when installed on a roof.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil or substrate mix.

Ideal for:

Biodiverse landscaping schemes

Low maintenance areas

Commercial landscaping

Urban areas and parks

Domestic gardens

Areas requiring maximum colour and interest

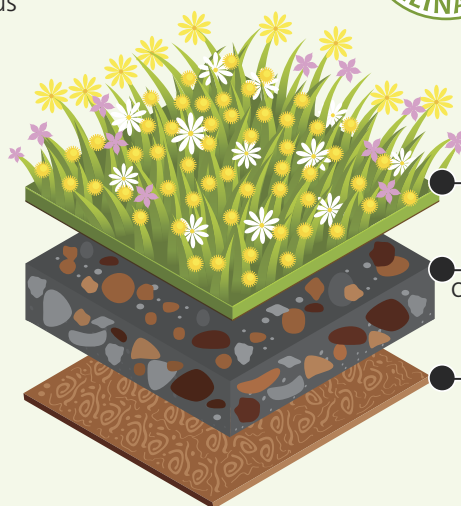
Green Roofs

What's in our Birds & Bees FLL Meadowmat

- | | |
|------------------------|------------------------|
| ● Agrimony | ● Musk Mallow |
| ● Autumn Hawkbit | ● Purple Loosestrife |
| ● Birdsfoot Trefoil | ● Ragged Robin |
| ● Bladder Campion | ● Red Campion |
| ● Chicory | ● Red Clover |
| ● Clustered Bellflower | ● Sheep's Bit Scabious |
| ● Columbine | ● Small Scabious |
| ● Common Daisy | ● Tansy |
| ● Common Mallow | ● Teasel |
| ● Common Sorrel | ● Viper's Bugloss |
| ● Common Toadflax | ● White Campion |
| ● Cornflower | ● White Clover |
| ● Fennel | ● Wild Basil |
| ● Field Poppy | ● Wild Carrot |
| ● Fox And Cubs | ● Wild Clary |
| ● Foxglove | ● Wild Marjoram |
| ● Grandmother's Garden | ● Wild Pansy |
| ● Greater Knapweed | ● Wild Thyme |
| ● Harebell | ● Yarrow |
| ● Maiden Pink | |
| ● Meadow Buttercup | |
| ● Meadow Cranes-Bill | |



100% Native Flowers



Flowers

FLL Compliant Substrate

Compost, Brick Dust, Brick, LECA

100% Coir fibre
which is biodegradable

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species. If installed after March many species may not flower during the first year.*

Specifications:

SuDS Meadowmat

■ Product Order Code	MEAD-SUDS
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	1m ² 500mm wide (19.6") 2000mm long (78.7")
Soil Thickness	15mm to 20mm (0.59" to 0.78")
Roll Weight	20kg – saturated weight may be up to 25kg
Grass height on despatch	Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

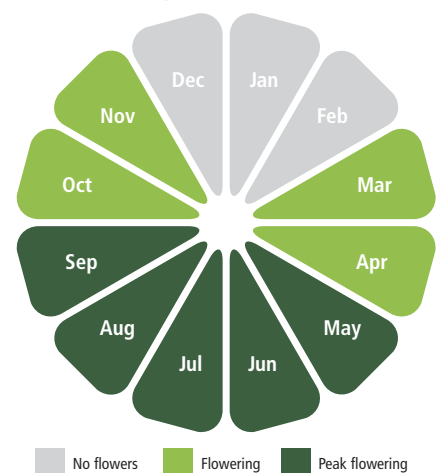
All measurements are approximate and taken when harvested.

■ Growth	Harrowden SuDS Meadowmat is a blend of 4 native grasses and 30 native wildflowers that have been selected for their ability to root into and stabilise poor nutrient soils. These plants are integrated into a reinforced biodegradable coir blanket. Contains perennial species which means they will flower every year if the conditions are suitable. The specially selected grasses ensures all year round coverage along with strong rooting to aid soil stability. SuDS Meadowmat was originally developed for Sustainable Urban Drainage Systems but is also ideal for any sloped areas, providing stability, low maintenance and colour to otherwise challenging hard to reach areas. SuDS Meadowmat will contain mature plants, root fibre and enough soil to maintain the plants during establishment.
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■ Typical Seed Mixture*	50% Native Grasses 50% Native Wildflowers
■ Soil Classification	Grown on a sandy loam and compost based substrate.

A low maintenance solution for all those hard to reach places. Ideal for slopes, banks, damp soils and the margins of ponds, streams or ‘Sustainable Urban Drainage Systems’.

Flowering Times



Features:

SuDS Meadowmat

■ Features

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains mainly perennial species to ensure a varied display each year.

Coir blanket offers one of the highest protection grades for a natural non synthetic solution with a lifespan of up to 25 years.

Environmentally-friendly requiring no fertilisers or pesticides.

Low maintenance – does not require regular mowing.

Able to survive both drought and periodic flooding.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil or specialist roofing substrate.

Ideal for:

Biodiverse landscaping schemes

Banks and sloped areas up to 65 degrees

SuDS and Bioswale Systems

Around ponds and basins

Soakaway trenches

Low maintenance areas

Commercial landscaping

Urban areas and parks

Domestic gardens

What's in our SuDS Meadowmat

- Sheep's Fescue
- Slender Creeping Red Fescue
- Crested Dogstail
- Small Leaved Timothy
- Autumn Hawkbit
- Betony
- Birdsfoot Trefoil
- Bladder Campion
- Catsear
- Common Knapweed
- Common Sorrel
- Common St John's Wort
- Common Toadflax
- Common Vetch
- Cowslip
- Field Scabious
- Hay Rattle
- Lady's Bedstraw
- Meadow Buttercup
- Meadow Cranesbill
- Meadowsweet
- Musk Mallow
- Oxeye Daisy
- Red Campion
- Red Clover
- Ribwort Plantain
- Salad Burnet
- Selfheal
- Tufted Vetch
- Vipers Bugloss
- White Campion
- Wild Carrot
- Wild Marjoram
- Yarrow



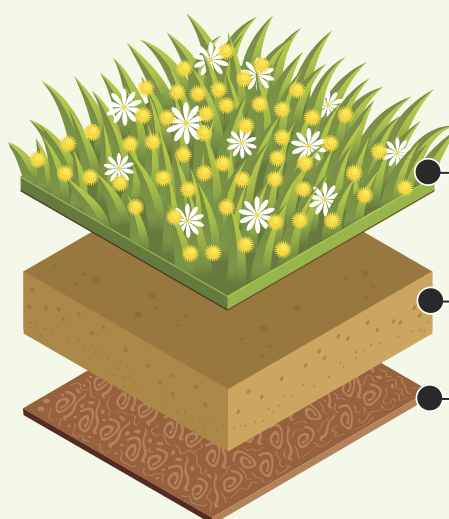
**50% Grasses
50% Flowers**



Native Grasses



Native Wildflowers



Grass/Flowers

Free draining sandy loam
with 40% compost

100% Coir fibre
which is biodegradable

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species. If installed after March many species may not flower during the first year.*



Introducing our Enviromat range



A low maintenance planting solution for green roofs & groundcover

Sedum matting was developed back in the 1960s for use on commercial roofs. It has gathered a distinct amount of steam and is now more popular than it ever has been. This is undoubtedly due to the rising awareness of living ecologically in support of global sustainability. Greenroofs created with Enviromat reap the ultimate benefits of renewability, cost and energy efficiency.

Given the right growing conditions, sedums are incredibly self-sufficient. They are frost hardy, drought-tolerant and ask for a feed just once or twice a year. There's no mowing to be done, no deadheading and, as long as you follow our recommendations for their installation and care, they won't need much weeding either. This is what makes Enviromat such a versatile product that is happy both on the ground in little or no soil and also on buildings and sheds.

Enviromat sedum matting is a layer of growing medium embedded onto a mat for easy handling. The species have been specially selected for their ability to thrive in the sometimes hostile environment on top of a roof. They are drought tolerant, frost hardy and remarkably independent. Sedum flowers appear in summer and are nectar-rich. That means they are particularly attractive to butterflies, but all pollinating insects will benefit from sedum. In winter, the sedum species we have chosen keep their leaves which turn a lovely shade of cherry red.

Our original Enviromat Sedum Mat is grown on a geotextile mat that is perfect for light weight retrofit solutions on flat roofs and timber garden buildings. Over the years, as sedum roofs have become more popular many new buildings have been designed with a green roof in mind. This has led us to developing a new sedum mat specifically designed for extensive green roofs. This substrate based system offers a cost effective solution for modern roofs without sacrificing the quality of our original product.

Buying sedum mats is far cheaper than buying the equivalent number of sedum plug plants – and, because our mats are at least 95% plant coverage, there's no waiting for the plants to grow big enough to fill in the gaps.

With good drainage and plenty of sunshine, whether its on a roof or on the ground, sedum matting is remarkably easy to care for and will give you year round interest as well as providing a valuable food source for pollinators.





Benefits:



Great for Wildlife – The sedum plants contained in our mats are particularly rich in pollen and nectar and are a great food source for bees, butterflies, moths and hoverflies. This in turn attracts birds who also eat the seed heads and use spent flower stalks for nesting material.



Rainwater Management – In towns and cities, up to 75% of rain water becomes runoff. An Enviromat living roof will absorb much of the rain that falls on it, lowering the risk of flooding.



Solar Energy – If you have PV panels on your roof a layer of plants will lower the surface temperature in the summer making them far more efficient.



Insulation – Sedum insulates against heat and cold providing savings on heating and air conditioning bills.



Sound Proofing – A sedum green roof can potentially halve the amount of noise pollution entering a building. For people who appreciate peace and quiet an Enviromat green roof is ideal for a garden office or studio.



Good Looks – Enviromat can help blend a building with its surroundings or transform it into an outstanding feature. Easy to install and maintain, sedum will flower for a good six months of the year and maintain its amazing foliage all year round.

Ease of use – We sow the seeds and nurture the plants for 9-12 months. Once delivered, all you need to do is unroll your Enviromat Sedum Mat onto a prepared surface, give it a good watering to settle it in, then allow nature to take its course.

Where to use:

Green Roofing – Architects, Developers, Garden Designers and Householders have told us they need a green roofing system that is easy to install, instantly beautiful, offers year-round benefits and is simple to maintain. Our sedum mats are all that and more.

Offering both solutions for extensive green roofs and lightweight retro-fit, you can be sure of the same great quality whatever your installation requirements.

Whether you are a commercial roofer creating a green roof for a client; or a gardening enthusiast wishing to bring more wildlife into your garden, you will find that Enviromat is reliable, easy and gives very satisfying results.

Garden – Enviromat sedum matting was first developed for the green roofing industry but its proved itself to be great in the garden too. Used in a sunny place, our sedum mats are drought tolerant, frost hardy and will entice a host of pollinating insects to your garden.

The plants we have selected to be included in our mats are long lived perennials, so provided they're happy in your garden they will put on an impressive display for years to come.

We estimate that there are around 100 individual sedum and saxifrage plants in every square metre of sedum matting. All you need to do to get them established in your garden is to unroll them onto prepared ground and water until established.

Although not hardwearing in ornamental areas, sedum mats can be used as a bee-friendly alternative to a grass lawn. It is also ideal for pond surrounds to hide unsightly pond liner and on slopes and banks, places where maintenance is difficult. Interest can be added to beds, borders and on top of walls or gabions. It is also a great way to soften the lines of a path or patio.

General Amenity – Enviromat sedum can be used as low cost maintenance for road verges, central reservations and roundabouts.

Specifications:

Enviromat Sedum Mat

■ Product Order Code	ENV-STANDARD
■ Kit Version Codes	ENV-PITCHED ROOF, ENV-FLAT ROOF
■ Standard Size	2m ² 1000m wide (39.4") 2000mm long (78.7")
Thickness	34mm to 44mm (1.34" to 1.73")
Sedum Roll Weight	20kg – saturated weight may be up to 44kg
Roof Loading	120kg/m ² - accounts for weight of product plus extra for snow loading or a person walking on the roof for installation/maintenance.
Vegetation height on despatch	Approx. 50mm (1.96") The product may be mown before despatch to minimise damage to plants and as a result it may not be in flower when it is delivered.

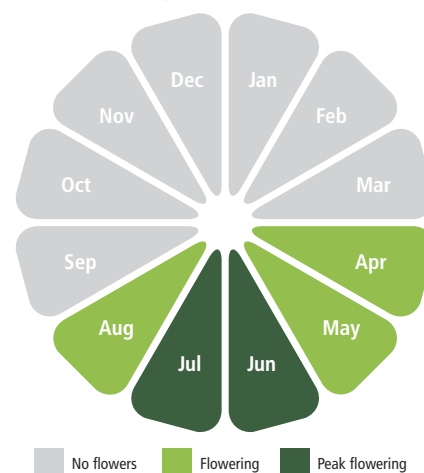
All measurements are approximate and taken when harvested.

■ Growth	Enviromat is a mix of at least 11 drought loving succulents integrated into an easy to handle flexible geotextile mat. The lightweight carrier mat is made up of a non-woven fleece sown to a drainage composite layer of looped polyamide filaments, thermally bonded to a specially designed perforated, non-woven filter fabric. The integrated moisture retention fleece can store up to 5 litres of water per square metre. The sedum species selected have been chosen to provide varied colour and texture throughout the seasons. Enviromat has been designed as a lightweight retrofit solution for roofs but can also be used as a ground cover. Enviromat will contain mature plants with at least 90% coverage.
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■ Typical Seed Mixture*	100% sedum
■ Soil Classification	Grown on bespoke FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau) compliant substrate

Enjoy the wonderful textural qualities of Enviromat foliage all year round and have the added bonus of long lasting summer flowers.

Flowering Times



Features:

Enviromat Sedum Mat

■ Features

RHS Plants for Pollinators – contains plant species that support pollinating insects.

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains perennial species that are frost hardy down to -20°C.

Environmentally friendly requiring no pesticides.

Drought tolerant – only requiring occasional watering during long spells of dry weather.

Very low maintenance – does not require regular mowing.

Prefers a neutral to slightly alkaline pH but can tolerate acidic soils - for installation on a roof this product requires no additional growing medium.

Ideal for:

Retrofitting to existing flat and pitched roofs.

Ground cover.

Commercial landscaping.

Urban areas and parks.

Domestic gardens.

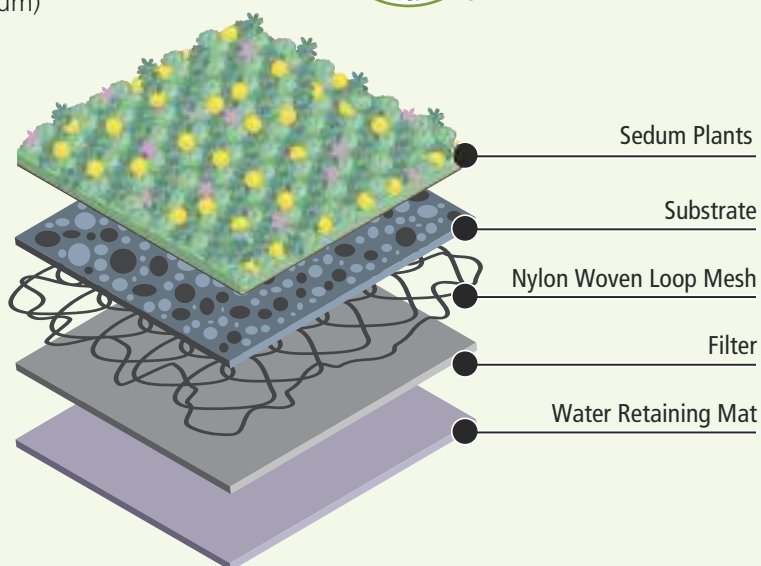
Sunny areas where other plants may struggle to survive.

What's in our Enviromat Sedum Mat

- White Stonecrop (Sedum album)
- Gold Sedum (Sedum kamtschaticum)
- Widow's Cross (Sedum pulchellum)
- Crooked Yellow Stonecrop (Sedum reflexum)
- Two-row Stonecrop (Sedum spurium)
- Tasteless Stonecrop (Sedum sexangulare)
- Biting Stonecrop (Sedum acre)
- Meadow Saxifrage (Saxifraga granulata)



100% Sedum



As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure its products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. May contain some grasses and mosses. Enviromat may not contain all species that are listed. The variation of species present has been developed to suit a wide variety of installations and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others..

Specifications:

Sedum Mat HS150

■ Product Order Code	ENV-HS150
■ Standard Size	1m ² 500m wide (19.6") 2000mm long (78.7")
Substrate Thickness	15mm (0.39" to 0.59")
Roll Weight	20kg – saturated weight may be up to 25kg
Vegetation height on despatch	Approx. 50mm (1.96") The product may be mown before despatch to minimise damage to plants and as a result it may not be in flower when it is delivered.

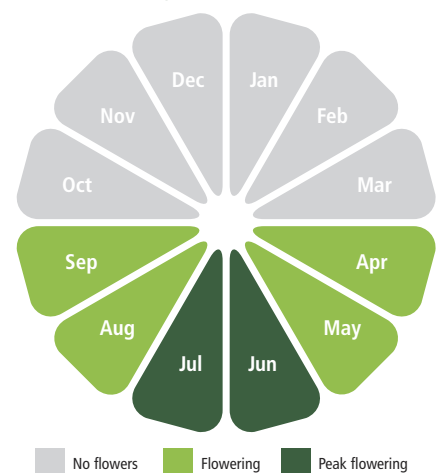
All measurements are approximate and taken when harvested.

■ Growth	<p>Harrowden Sedum HS150 is a mix of up to 18 drought-loving plants. These plants are integrated into a reinforced biodegradable coir blanket. The sedum species selected have been chosen to provide varied colour and texture throughout the seasons. Harrowden Sedum HS150 was originally developed for green roof installation but is also ideal for ground cover especially on sloped areas, providing stability, low maintenance and colour to otherwise challenging hard to reach areas. Harrowden Sedum HS150 will contain mature plants with at least 95% coverage and enough substrate to maintain the plants during establishment.</p>
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■ Typical Seed Mixture*	100% sedum
■ Soil Classification	Grown on bespoke FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau) compliant substrate.

Imagine a low-growing carpet of plants that will flower all summer long and needs virtually no maintenance. HS150 creates a beautiful area of foliage almost anywhere, bringing that space to life.

Flowering Times



Features:

Sedum Mat HS150

■ Features

RHS Plants for Pollinators - contains plant species that support pollinating insects.

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time-consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains perennial species that are frost hardy down to -20°C.

Environmentally friendly requiring no pesticides.

Drought tolerant – only requiring occasional watering during long spells of dry weather.

Very low maintenance.

Prefers a neutral to slightly alkaline pH but can tolerate acidic soils - for installation on a roof this product requires a specialist roofing substrate.

Please Note: Must not be installed directly into water or water logged areas. Sedum plants cannot survive in waterlogged conditions.

Ideal for:

A ground cover

Biodiverse landscaping schemes

Banks and sloped areas up to 65 degrees

Green roof systems

Around ponds

Low maintenance areas

Commercial landscaping

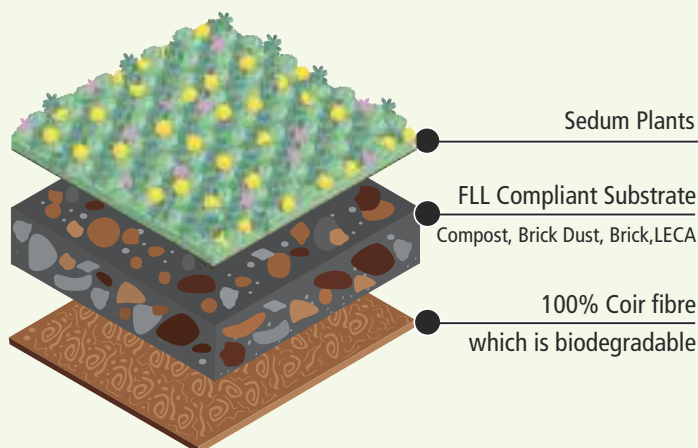
Urban areas and parks

Domestic gardens

Sunny areas

What's in our Enviromat Sedum Mat

- Widow's Cross (Sedum pulchellum)
- Summer Glory (Sedum spurium)
- Montanum Orientale (Sedum montanum)
- White Stonecrop (Sedum album)
- Czar's Gold (Sedum hybridum)
- Ellacombianum (Sedum ellacombianum)
- Crooked Yellow Stonecrop (Sedum reflexum)
- Tasteless Stonecrop (Sedum sexangulare)
- Goldmoss Stonecrop (Sedum acre)
- Purple Carpet (Sedum spurium coccineum)
- Spanish Stonecrop (Sedum Hispanicum)
- Oregon Stonecrop (Sedum Oreganum)
- Orange Stonecrop (Sedum floriferum)
- Gold Sedum (Sedum kamtchaticum)
- Angelina (Sedum rupestre)
- Wormleaf Stonecrop (Sedum stenopetalum)
- Stolon Stonecrop (Sedum stoloniferum)
- Meadow Saxifrage (Saxifraga granulate)



100% Sedum

As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure its products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It may not contain all species that are listed. The variation of species present has been developed to suit a wide variety of installations and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others.

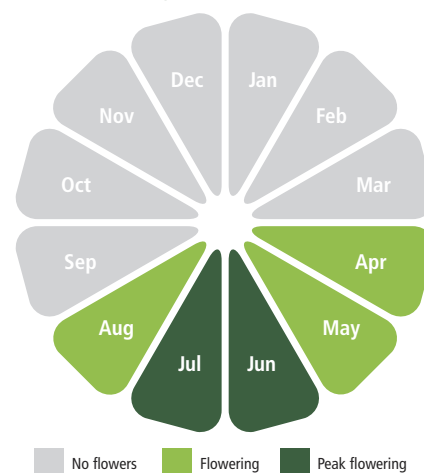
Specifications:

Enviromat Pitched Roof

■ Product Order Code	ENV-PITCHED ROOF
■ Kit Components	Enviromat Sedum Mat - ENV-STANDARD Polythene Root Barrier - ENV-POLYTHENE <i>Also available separately</i>
■ Standard Size	2m ² 1000m wide (39.4") 2000mm long (78.7")
Overall Thickness of Kit	34mm to 44mm (1.34" to 1.73")
Sedum Roll Weight	25kg – saturated weight may be up to 44kg
Roof Loading Requirement	120kg/m ² - accounts for weight of product plus extra for snow loading or a person walking on the roof for installation/maintenance
Vegetation height on despatch	Approx. 50mm (1.96") The product may be mown before despatch to minimise damage to plants and as a result it may not be in flower when it is delivered.
<i>All measurements are approximate and taken when harvested.</i>	
■ Growth	Enviromat is a mix of 17 drought-loving succulents integrated into an easy to handle flexible geotextile mat. The lightweight carrier mat is made up of a non-woven fleece sown to a drainage composite layer of looped polyamide filaments, thermally bonded to a specially designed perforated, non-woven filter fabric. The integrated moisture retention fleece can store up to 5 litres of water per square metre. The sedum species selected have been chosen to provide varied colour and texture throughout the seasons. Enviromat has been designed as a lightweight retrofit solution, ideal for pitched and flat roofs. Enviromat will contain mature plants with at least 95% coverage.
■ Typical Seed Mixture*	100% sedum
■ Soil Classification	Grown on bespoke FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau) compliant substrate

Easy to install and maintain with all the benefits of green roofing without waiting for seeds or plug plants to develop.

Flowering Times



Features:

Enviromat Pitched Roof

■ Features

RHS Plants for Pollinators - contains plant species that support pollinating insects
A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time consuming than plug planting

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds

Contains perennial species that are frost hardy down to -20°C

Environmentally friendly requiring no pesticides

Drought tolerant – only requiring occasional watering during long spells of dry weather.

Very low maintenance.

Prefers a neutral to slightly alkaline pH but can tolerate acidic soils - for installation on a roof this product requires no additional growing medium.

Please Note: This product must not be installed onto a level surface as sedum plants will not survive in waterlogged conditions.

Ideal for:

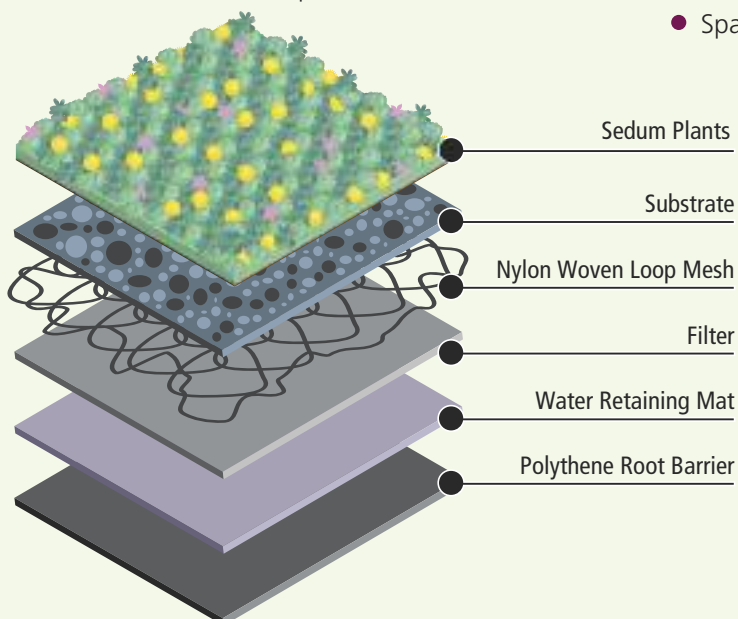
Sloped roofs with a pitch of between 3° and 20°.
Pitches of more than 10° will require irrigation or regular watering.

Requires a smooth non-corrugated surface.

Ground installation on sloped solid surfaces.

What's in our Enviromat Pitched Roof Kit

- White Stonecrop (Sedum album)
- Ellacombianum (Sedum ellacombianum)
- Orange Stonecrop (Sedum floriferum)
- Czar's Gold (Sedum hybridum)
- Montanum Orientale (Sedum montanum)
- Gold Sedum (Sedum kamtchaticum)
- Oregon Stonecrop (Sedum oreganum)
- Widow's Cross (Sedum pulchellum)
- Crooked Yellow Stonecrop (Sedum reflexum)
- Angelina (Sedum rupestre)
- Tasteless Stonecrop (Sedum sexangulare)
- Purple Carpet (Sedum spurium coccineum)
- Summer Glory (Sedum spurium)
- Wormleaf Stonecrop (Sedum stenopetalum)
- Stolon Stonecrop (Sedum stoloniferum)
- Meadow Saxifrage (Saxifraga granulate)
- Spanish Stonecrop (Sedum hispanicum)



100% Sedum

As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure its products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. May contain some grasses and mosses. Enviromat may not contain all species that are listed. The variation of species present has been developed to suit a wide variety of installations and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others.

Specifications:

Enviromat Flat Roof

■ Product Order Code

■ Kit Components

■ Standard Size

Overall Thickness of Kit

Sedum Roll Weight

Roof Loading Requirement

Vegetation height on despatch

All measurements are approximate and taken when harvested.

■ Growth

■ Typical Seed Mixture*

■ Soil Classification

ENV-FLAT ROOF

Enviromat Sedum Mat - ENV-STANDARD
Enviromat Drainage Mat - ENV-DRAINAGE MAT
Polythene Root Barrier - ENV-POLYTHENE
Also available separately

2m²

1000m wide (39.4")

2000mm long (78.7")

50mm (1.97")

25kg – saturated weight may be up to 44kg

120kg/m² - accounts for weight of product plus extra for snow loading or a person walking on the roof for installation/maintenance

Approx. 50mm (1.96") The product may be mown before despatch to minimise damage to plants and as a result it may not be in flower when it is delivered.

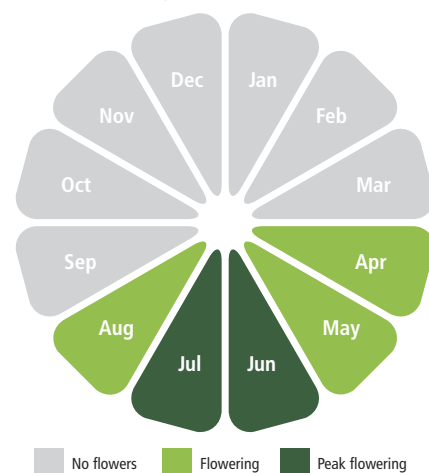
Enviromat is a mix of 17 drought-loving succulents integrated into an easy to handle flexible geotextile mat. The lightweight carrier mat is made up of a non-woven fleece sown to a drainage composite layer of looped polyamide filaments, thermally bonded to a specially designed perforated, non-woven filter fabric. The integrated moisture retention fleece can store up to 5 litres of water per square metre. The sedum species selected have been chosen to provide varied colour and texture throughout the seasons. Enviromat has been designed as a lightweight retrofit solution for flat roofs. This kit also contains a geotextile drainage mat to ensure adequate draining avoiding the sedum plants being exposed to waterlogging. Enviromat will contain mature plants with at least 95% coverage.

100% sedum

Grown on bespoke FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau) compliant substrate.

Easy to install and maintain with all the benefits of green roofing without waiting for seeds or plug plants to develop.

Flowering Times



Features:

Enviromat Flat Roof

■ Features

RHS Plants for Pollinators – contains plant species that support pollinating insects.

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains perennial species that are frost hardy down to -20°C.

Environmentally friendly requiring no pesticides.

Drought tolerant – only requiring occasional watering during long spells of dry weather.

Very low maintenance.

Prefers a neutral to slightly alkaline pH but can tolerate acidic soils - for installation on a roof this product requires no additional growing medium.

Ideal for:

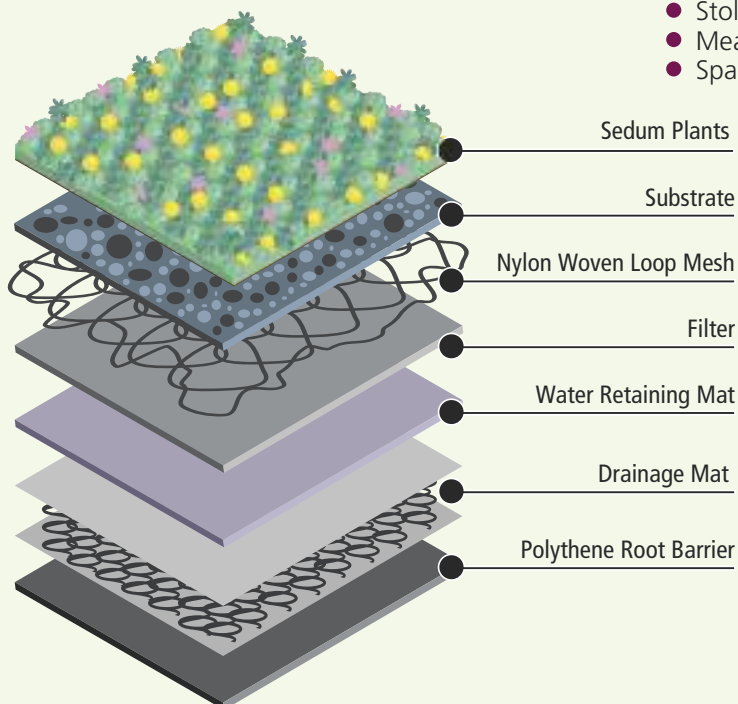
Flat roofs with a pitch of less than 3°.

Requires a smooth non-corrugated surface.

Ground installation on flat level solid surfaces.

What's in our Enviromat Flat Roof Kit

- White Stonecrop (Sedum album)
- Ellacombianum (Sedum ellacombianum)
- Orange Stonecrop (Sedum floriferum)
- Czar's Gold (Sedum hybridum)
- Montanum Orientale (Sedum montanum)
- Gold Sedum (Sedum kamtchaticum)
- Oregon Stonecrop (Sedum oreganum)
- Widow's Cross (Sedum pulchellum)
- Crooked Yellow Stonecrop (Sedum reflexum)
- Angelina (Sedum rupestre)
- Tasteless Stonecrop (Sedum sexangulare)
- Purple Carpet (Sedum spurium coccineum)
- Summer Glory (Sedum spurium)
- Wormleaf Stonecrop (Sedum stenopetalum)
- Stolon Stonecrop (Sedum stoloniferum)
- Meadow Saxifrage (Saxifraga granulate)
- Spanish Stonecrop (Sedum hispanicum)



100% Sedum

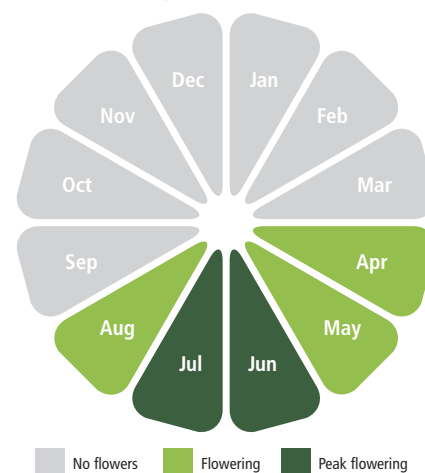
As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure its products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. May contain some grasses and mosses. Enviromat may not contain all species that are listed. The variation of species present has been developed to suit a wide variety of installations and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others.

Specifications: Sedum Ground Mat Kit

■ Product Order Code	ENV-HS150 GROUND KIT
■ Kit Components	Sedum Mat HS150 - ENV-HS150 Plantex® Weed Control Fabric - SUND-WEED FABRIC 14 <i>Also available separately</i>
■ Standard Size	1m ² 500m wide (19.6") 2000mm long (78.7") 15mm (0.39" to 0.59")
Substrate Thickness	
Roll Weight	20kg – saturated weight may be up to 25kg
Vegetation height on despatch	Approx. 50mm (1.96") The product may be mown before despatch to minimise damage to plants and as a result it may not be in flower when it is delivered.
<i>All measurements are approximate and taken when harvested.</i>	
■ Growth	Harrowden Sedum Ground Mat Kit is a mix of 7 drought-loving plants. These plants are integrated into a reinforced biodegradable coir blanket. The sedum species selected have been chosen to provide varied colour and texture throughout the seasons. Harrowden Sedum Ground Mat kit is ideal for ground cover especially on sloped areas, providing stability, low maintenance and colour to otherwise challenging, hard to reach areas. The kit also contains Plantex® by DuPont Weed control fabric to ensure evasive weeds are kept at bay. Plantex® was the first product to be endorsed by Kew Gardens and has a proven 30 year history. Harrowden Ground Mat Kit will contain mature plants with at least 90% coverage and enough substrate to maintain the plants during establishment.
■ Typical Seed Mixture*	100% sedum
■ Soil Classification	Grown on bespoke FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftbau) compliant substrate.

HS150 can be used as a bee-friendly alternative to a grass lawn. Ideal in places where maintenance is difficult such as pond surrounds, slopes and edges of a path or patio.

Flowering Times



Features:

Sedum Ground Mat Kit

■ Features

RHS Plants for Pollinators - contains plant species that support pollinating insects.

A mixture of mature plants that allows you to establish dense planting very quickly - more reliable than seeding and less time consuming than plug planting.

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains perennial species that are frost hardy down to -20°C.

Environmentally-friendly requiring no pesticides.

Drought tolerant – only requiring occasional watering during long spells of dry weather.

Very low maintenance – does not require regular mowing.

Prefers a neutral to slightly alkaline pH but can also tolerate acidic soils.

Please Note: Must not be installed directly into water or water logged areas. Sedum plants cannot survive in waterlogged conditions.

Ideal for:

Low maintenance ground cover

Biodiverse landscaping schemes

Banks and sloped areas up to 65°

Around ponds

Low maintenance areas

Commercial landscaping

Urban areas and parks

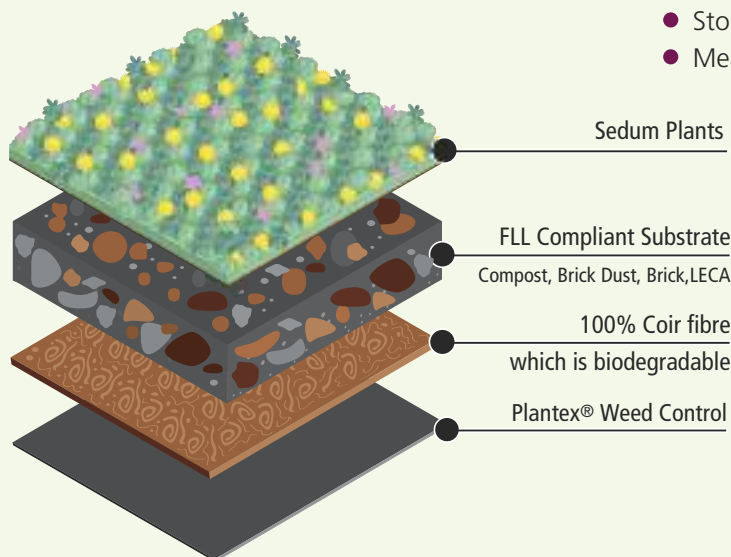
Domestic gardens

Sunny areas

On free draining surfaces

What's in our Enviromat Sedum Mat

- Widow's Cross (Sedum pulchellum)
- Summer Glory (Sedum spurium)
- Montanum Orientale (Sedum montanum)
- White Stonecrop (Sedum album)
- Czar's Gold (Sedum hybridum)
- Ellacombianum (Sedum ellacombianum)
- Crooked Yellow Stonecrop (Sedum reflexum)
- Tasteless Stonecrop (Sedum sexangulare)
- Goldmoss Stonecrop (Sedum acre)
- Purple Carpet (Sedum spurium coccineum)
- Spanish Stonecrop (Sedum hispanicum)
- Oregon Stonecrop (Sedum oreganum)
- Orange Stonecrop (Sedum floriferum)
- Gold Sedum (Sedum kamtchaticum)
- Angelina (Sedum rupestre)
- Wormleaf Stonecrop (Sedum stenopetalum)
- Stolon Stonecrop (Sedum stoloniferum)
- Meadow Saxifrage (Saxifraga granulata)



100% Sedum

As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure its products are free from weeds and pests, however due to the natural way in which these products are grown we cannot guarantee they are 100% pest free on delivery. It may not contain all species that are listed. The variation of species present has been developed to suit a wide variety of installations and environmental conditions. This will result in a product that will adapt to individual settings which may mean some species are more successful than others. May contain some mosses.



Introducing our soil and bark range

Choosing the right soil or substrate

There are five main soil types that occur naturally in the UK and within those categories are quite a few variations. The five main types are:

- sandy and light silty soils
- medium soils
- heavy soils
- chalk and limestone soils
- peaty soils

Each soil type has its good and bad points. Sandy soil is easy to drain but doesn't hold on to plant nutrients very well. Heavy clay soil has plenty of plant nutrients but it's a nightmare to work with and can have drainage issues. Peaty soil is fantastic but if you're buying it in you must make sure it's from a sustainable source. A dark coloured soil suggests that it contains lots of organic matter. Organic matter = plant nutrients, great water holding capacity and lots of worms and microbes to keep soil and plants healthy. To ensure its quality it is wise to only purchase soils that have been tested to BS3882:2015 and have been screened to at least 20mm.

All plants require a good base in which to grow. Understanding their needs will help you to make the right decisions when designing a planting scheme.

Turfing and Grass Seeding

Most of the pain involved around creating a lawn is with the preparation. Getting a level firm surface to lay turf on is one of the most important parts of a successful lawn. Investing time getting the preparation right will yield results that last a lifetime. Choosing a soil that is fertile, free draining and easy to work with is key for anyone laying a new lawn. Soil qualities vary from place to place depending where you are in the UK. The best and most versatile soil is defined as grade 1. Only 2.5% of UK soils are classed by DEFRA as grade 1.

At Harrowden Turf we produce high-quality turf on these soils and for our soil production, we reprocess some of the organic matter from the turf production process to create some of the best topsoil available. Many plants will adapt to the soil they are grown in, taking on the characteristics of that soil, turf is no different. The turf that we produce has a year-round deep green colour. Installing our turf onto this rich organic topsoil will ensure it retains that characteristic.

Choosing the right soil or substrate is an essential part of any landscaping project. Whether its for a lawn or a biodiverse green roof, making sure you have a good quality growing medium will ensure your planting scheme thrives.

Product Selector						
Product	SOIL-20MMSCREENED	SOIL-EVERGREEN LAWN	SOIL-LOW NUTRIENT	SOIL-LOW 20L	ENV-SUB	ENV-SUB25
Size	720 litres	20 litres	720 litres	20 litres	750 litres	25 Litres
Certification	BS3882:2015	BS3882:2015	BS3882:2015	BS3882:2015	FLL-Green-Roofing Guidelines 2018	
Application						
Turfing	■	■				
Flowerbeds and Borders	■	■				
Tree & Shrub Planting	■	■				
Fruit & Vegetable Planting	■	■				
Grass Seeding	■	■				
Lawn Top Dressing		■				
General Planting	■	■				
Wildflower Planting			■	■	■	■
Extensive Green Roofs - Sedum					■	■
Extensive Green Roofs - Wildflowers					■	■

Beds and Borders and General Planting

Raised beds are undoubtedly one of the most convenient ways of growing herbs, vegetables, flowers and fruit. They're accessible, neat and easily managed. The idea of raised beds is that you never have to step on the soil. That way there's no compaction and in theory you won't ever need to dig them over.

Harrowden Screened Topsoil is an ideal choice for beds, borders and raised planters. It has plenty of organic matter so that it will retain water – but on the other hand, it must have enough drainage so that it won't get sticky or waterlogged in wet weather. The high sand content helps with drainage and also makes this soil easy to rake out and level. This soil is great for potting up plants in the greenhouse and the polytunnel too. Being rich in nutrients it will ensure your plants get off to the right start.

Growing Wildflowers

Wildflowers thrive in soils which are low in nutrients. Most garden soil is naturally far too rich for a successful wildflower meadow. Gardeners are used to feeding and improving the soil to nurture the best possible crops of flowers, fruit and vegetables. But to get the best from native plants and wild flowers you need to take a completely different approach. UK native wildflowers evolved centuries ago – long before man invented chemical fertilisers. These plants have very simple needs. The right amount of water, enough soil to grow in, bees and butterflies to pollinate their flowers and a means of dispersing their seeds.

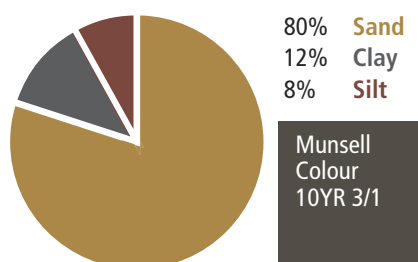
Grasses however will flourish in nutrient rich soils. This means that growing a perennial wildflower meadow on ordinary garden soil is incredibly difficult because over time the grasses take over and the flowering plants disappear. Harrowden Turf Low Nutrient Topsoil has been developed to help with this challenge. It has a very low overall fertility whilst still remaining free draining and easy to work with.

Harrowden Screened Topsoil

- **Product Order Code** SOIL-20MMSCREENED
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** 0.72m³ (0.94yd³)
 - Weight:** 800kg
 - Coverage:** 30m² (35yd²) to a depth of 25mm (0.98")

This product is sold per bag. Actual weight will depend on moisture content at the time of bagging.
- **Details** A British Standard (BS3882:2015) tested Sandy Loam screened to 20mm, suitable for all general landscaping purposes. This soil is a blend of rich dark organic soil and sandy loam with a fine to medium granular structure, making an easy to work friable soil ideally suited for planting, turfing and seeding. The high organic matter provides a sufficient reserve of all major plant nutrients with no contaminants that are considered toxic to plants, human life or the environment. Slightly alkaline, this soil suits plants with a wide pH tolerance.
- **Uses** General landscaping.
Turfing and seeding.
Raised beds and borders.
Tree and shrub planting.
Vegetable and grow your own beds.

- **Composition and Colour**



Our own blend nutrient-rich, organic and screened loam. Ideal for improving existing soils, general planting and turfing.

Features

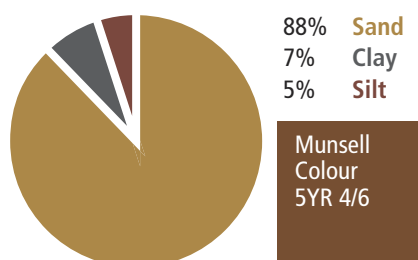
Screened to 20mm.
Friable.
Free draining.
Low saline content.
Fertile – contains 11% organic matter providing a full range of plant nutrients.
Odour free.
Medium fine granular structure.
pH 7.8.
Munsell Colour 10YR 3/1 (very dark grey)

Harrowden

Low Nutrient Topsoil

- **Product Order Code** SOIL-LOW NUTRIENT
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** 0.72m³ (0.94yd³)
Weight 800kg
Coverage 5m² (5.97yd²) to a depth of 145mm (5.7")
This product is sold per bag. Actual weight will depend on moisture content at the time of bagging.
- **Details** A British Standard (BS3882:2015) tested Loamy Sand Topsoil screened to 10mm, suitable for establishment of species-rich wildflower areas. This predominantly sand based soil with low levels of organic matter has a fine single grain structure, making an easy to work with friable soil ideally suited for planting, turfing and seeding. The very low organic matter content ensures a low fertility status and has no contaminants that are considered toxic to plants, human life or the environment. Slightly alkaline, this soil suits plants with a wide pH tolerance.
- **Uses** Establishment of species-rich wildflower areas.
Wildflower turfing and seeding.

- **Composition and Colour**



A specially blended low fertility soil essential for establishing a wildflower area.

Features

Finely screened to ensure virtually no stones.
Friable.
Free draining.
Low saline content.
Low overall fertility to prevent domination by grasses and aggressive weeds.
Odour free.
Fine grain structure.
pH 7.8.
Munsell Colour 5YR 4/6 (yellowish red).

Miracle-Gro® EverGreen® Enriched Lawn Soil

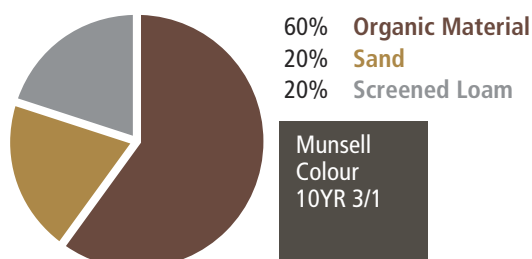
■ Product Order Code	SOIL-EVERGREEN LAWN
■ Available from	Harrodden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	25 litres
Weight:	20kg
Coverage:	1m ² (1.19yd ²) to a depth of 25mm (0.98")

This product is sold per bag. Actual weight will depend on moisture content at the time of bagging.

■ Details	Miracle-Gro® EverGreen® Lawn Dressing is the perfect blend of organic materials combined with sand and Miracle-Gro Lawn Food. It can be used to improve and enrich soils before sowing grass seed or laying turf, filling in hollows and for patch repairs. Its unique formulation helps to maintain an acid balance in the soil to encourage the growth of fine grasses. It also makes an excellent finishing soil used as the final layer once the site is prepared for new turf.
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■ Uses	General landscaping. Turfing and seeding. Lawn repair. Lawn top dressing.
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■ **Composition and Colour**



100% organic and nutrient-rich. Ideal for improving existing soils, turfing and top dressing. Enriched with Miracle-Gro® Lawn Feed

Features

Friable.
Free draining.
Fertile – contains organic matter and Miracle-Gro® Lawn Food.
Odour free.
Medium fine granular structure.
pH 7.8
Munsell Colour 10YR 3/1 (very dark grey).



Enviromat

Green Roof Substrate

- **Product Order Code** ENV-SUB
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** 600 Litres
Dry Weight: 560kg
Saturated Weight: 775kg
- **Coverage** 24m² (28.7yd²) to a depth of 25mm (0.98")
- **Recommended Depth** Wildflower Roof 150mm (5.9")
Sedum Roof 100mm (3.94")
This product is sold per bag. Actual weight will depend on moisture content at the time of bagging.
- **Details** An extensive green roof substrate which is tested to FLL-Green-Roofing Guidelines (2018). This substrate provides the perfect base for establishing a green roof installation. The use of recycled crushed brick provides the most effective media for extensive roof systems, due to its ability to retain moisture whilst also remaining lightweight.
- **Uses** Extensive Green Roofs
Areas where controlled nutrition and drainage are important.

An extensive green roof substrate that provides the perfect base for establishing a green roof installation.

Features

FLL (Forschungsgesellschaft Landschaftsentwicklung Landschaftsbau) compliant.

Made using recycled materials.

Low density.

Low nutrient.

Open structure to allow free draining.

Large particle size (0-14mm).

Optimum water retention allowing plants to thrive.

Odour free.

pH 8.4.



30% 10mm PAS green compost
70% Mineral Material



Harrowden Pine Play Bark

■ Product Order Code	BARK-PLAYBARK
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	70 litres
Weight:	20kg
Coverage:	0.7m ² (0.08yd ²) to a depth of 100mm (3.94") <i>This product is sold per bag. Actual weight will depend on moisture content at the time of bagging.</i>
■ Details	This decorative pine bark has been tested to BS EN 1177 Play Certification standards making it an ideal alternative to synthetic play surfaces. Being non-staining and frost resistant makes it an ideal choice for protecting plants, retaining soil moisture and helping to suppress weeds in the garden. This high specification bark has great durability and will outlast many other barks and mulches.
■ Composition	Predominantly pine bark from sustainable sources. Less than 5% white wood. Minimal dust and fine material.
■ Uses	Play areas. Flower beds & borders. Around trees. Pathways. Ground cover applications.

A high performance play certificated bark, sourced from FSC regulated sustainable sources.

Features

Sustainably sourced in the UK.

BS EN 1177 Compliant (Impact Attenuating Surfaces).

BS EN 4790:1987 Compliant (Fire Test to Textile Surfaces).

Reduces weed growth and evaporation.

Lasts for up to 6 years when installed 350mm deep.

Natural pine aroma.

Dark brown colour.

Medium sized 18 - 35mm.

pH 4.5 – 5.5.

Important - We recommend that commercial play areas have pine play bark to a depth of 300mm to protect against a critical height fall of 5.0m. For domestic use, the depth can be reduced depending on the critical fall height:

BS EN Certified Critical Fall Heights

100mm depth – 1.5m, 200mm depth – 4.3m, 300mm depth – 5.0m



Harrowden Ornamental Play Bark

- **Product Order Code** BARK-ORNAMENTAL
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** 600 litres
- Weight:** 200kg
- Coverage:** 6m² (7.18yd²) to a depth of 100mm (3.94")

This product is sold per bag. Actual weight will depend on moisture content at the time of bagging.

- **Details** This decorative pine bark has been tested to BS EN 1177 Play Certification standards making it an ideal alternative to synthetic play surfaces. Being non-staining and frost resistant makes it an ideal choice for protecting plants, retaining soil moisture and helping to suppress weeds in the garden. This high specification bark has great durability and will outlast many other barks and mulches.

- **Composition** Predominantly pine bark from sustainable sources.
Less than 10% white wood.
Minimal dust and fine material.

- **Uses** Play areas.
Flower beds & borders.
Around trees.
Pathways.
Ground cover applications.

Play certificated bark, sourced from FSC regulated sustainable sources. Ideal for all play areas or as a general garden mulch.

Features

Sustainably sourced in the UK.
BS EN 1176 Compliant (Impact Attenuating Surfaces).
High resistance to fire. Tested in accordance with BS 4790:1987.
100% natural product that contains no additives, colours or foreign matter.
Reduces weed growth and evaporation.
Lasts for up to 6 years when installed 350mm deep.
Natural pine aroma.
Mid brown colour.
8 - 40mm particle size with less than 5% fines.
pH 4.5 – 5.5.

Important - We recommend that commercial play areas have pine play bark to a depth of 300mm to protect against a critical height fall of 5.0m. For domestic use, the depth can be reduced depending on the critical fall height:

BS EN Certified Critical Fall Heights

100mm depth – 1.5m, 200mm depth – 4.3m, 300mm depth – 5.0m

Introducing our feed range

Why Harrowden Turf lawn feeds?

All grass lawns will benefit from regular feeding. Without extra nutrients grasses soon use up plant food reserves in the soil and then turn pale and thin. Without food to develop side shoots and thickness, a lawn is open to invasion by weed seeds and moss that thrive in low nutrient conditions. Remember a wild flower area needs no extra feed, it will thrive in very poor soils.

We have been searching for the right lawn feeds for many years. For a lawn feed to be effective it must contain the right balance of nutrients, be easy to apply, and give a steady controlled supply of nutrients so the grass plants can take up as much as possible. Our range of lawn feeds have been selected with these characteristics in mind.

Pre-Seeding and Turfing Lawn Feed

Seedlings and freshly laid turf need a boost to get off to the best start. Although turf is made up of mature plants the process of harvesting and transporting puts a huge strain on the individual grass plants. The key to a great lawn is rapid establishment. Until turf roots into soil it will have to survive off its own resources. Encouraging rapid rooting will ensure the lawn is healthy, green and strong. Seedlings too need a little help to get started. Slow germination and growth will give opportunist weeds the chance to get established. By using Harrowden Turf Rapid Roots you are ensuring a newly planted lawn has the right balance of nutrients to encourage root growth, retain nutrients and promote healthy leaf growth.

The unique formula of Rapid Roots means it can be applied either to the soil before seeding or laying turf, or on top of newly laid turf. Although Rapid Roots was developed as a feed for use in the early stages of growth it can also be used as a general pick me up at any time of the year.

Spring and Summer Lawn Feed

During the peak growing season it is important that a lawn has all the nutrients it needs to maintain shoot growth. Harrowden Turf Vivid Green contains nitrogen which is essential to help maintain a vibrant dark green colour. Its careful balance of key nutrients will ensure a lawn stays healthy throughout periods of hot weather by increasing water absorption and keeping roots strong and healthy.

A healthy lawn provides the perfect backdrop for any garden, a rich, living carpet of green. It is the perfect complement to flower beds and borders and provides a soft welcoming sanctuary for family and friends. Not only that, healthy plants play an important role in adsorbing CO₂ from the air we breathe.





Autumn and Winter Lawn Feed

Feeding a lawn in the Autumn and Winter is equally important. Just because grass growth slows down doesn't mean it has the nutrients required to stay healthy. During the winter months the amount of sunlight available to plants is much less than in the summer. It is essential to make use of all available light during the winter months so a lawn can fight off disease. Using the correct balance of nitrogen can encourage the production of chlorophyll which is essential for photosynthesis. Harrowden Turf Rejuvenator has been formulated to provide the right balance of nutrients for winter months.

Feeding Sedum Plants

Looking after sedum plants is just as important, whether its at ground level or on a roof. These tiny plants will benefit from a feed once or twice a year. Our specially selected Green Roof Feed provides all the nutrients required for strong healthy plants. Its easy to spot when sedum plants need feeding as they will turn a deep red colour, this shows they are stressed and need some help. We recommend applying sedum feed at least twice per year.

The first application should be in early spring when the last frosts have been seen. After that by keeping an eye on your sedum it will let you know when it needs feeding or watering. Always try and apply sedum feed to dry plants and then water in well. Sedums are succulents which means they have swollen leaves and stems which store water. To avoid scorching it is advised to water well after an application of feed to wash the feed off the leaves.





Rapid Roots

Pre-Seeding/Turfing Feed

- **Product Order Code** FERT-HTPRETURF2KG
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Packaged Weight** 2kg
Application rate: 20g/m²
Coverage: 100m² (119yd²)
This product is sold per container.
- **Details** Harrowden Turf Rapid Roots is a professional slow release organic lawn feed, formulated to encourage root growth and stimulate soil bacteria to improve the establishment of either freshly laid turf, or as pre-seed preparation.
- **Technical Specification** Total Nitrogen (N) 8%
Phosphorus Pentoxide (P₂O₅) 4%
Potassium Oxide (K₂O) 8%
Magnesium Oxide (MgO) 3%
Trace Elements
Humates
Zeolites
Seaweed
- **Uses** Pre-seeding or turfing of new lawns.
Feeding an existing lawn.
Important - Do not exceed the recommended application rate.

A professional organic lawn feed, specially designed for use in pre-seeding or pre-turfing applications.

Features

Resealable safe storage container.
Slow nutrient release – provides nutrients for up to 3 months.
Nitrogen to promote healthy leaf growth.
Phosphorus, Humates and Trace Elements to keep roots healthy.
Potassium to aid water absorption.
Magnesium Oxide aids in the production of chlorophyll to encourage a lush, green colour.
Zeolites for nutrient retention.
Can be applied to bare soil prior to turfing or seeding, or as a top dressing to recently installed turf.
Can be applied at any time of the year, for best results avoid use during heat waves or drought unless watered well in.



Vivid Green

Spring/Summer Lawn Feed

- **Product Order Code** FERT-HTSS2KG
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Packaged Weight** 2kg
Application rate: 20g/m²
Coverage: 100m² (119yd²)
This product is sold per container.
- **Details** Harrowden Turf Vivid Green is formulated with high levels of nitrogen and key nutrients to maintain root and shoot growth for a thicker, greener lawn during the main growing season.
- **Technical Specification** Total Nitrogen (N) 20%
Phosphorus Pentoxide (P₂O₅) 3%
Potassium Oxide (K₂O) 8%
Iron (Fe) 0.8%
- **Uses** Feeding an established lawn between March and September.
Important - Do not exceed the recommended application rate. Due to the iron content, this product can cause staining to hard surfaces such as concrete and paving.

A professional Spring/Summer lawn feed which contains the correct balance of nutrients required during the main growing season.

Features

Resealable safe storage container.

Slow nutrient release – provides nutrients for up to 3 months.

High in nitrogen to promote leaf growth ensuring a lush, green appearance.

Phosphorus to keep roots strong and healthy.

Potassium to aid water absorption and disease control.

Contains Iron for a deep green colour, which also helps to keep moss under control.



Rejuvenator

Autumn/Winter Lawn Feed

- **Product Order Code** FERT-HTAW2KG
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Packaged Weight** 2kg
Application rate: 20g/m²
Coverage: 100m² (119yd²)
This product is sold per container.
- **Details** Harrowden Turf Rejuvenator is a balanced lawn feed which is high in potassium, helping to maintain turf health and colour throughout the winter.
- **Technical Specification** Total Nitrogen (N) 2%
Phosphorus Pentoxide (P₂O₅) 5%
Potassium Oxide (K₂O) 19%
Iron (Fe) 0.8%
- **Uses** Feeding an established lawn between October and March.
Important - Do not exceed the recommended application rate. Due to the iron content, this product can cause staining to hard surfaces such as concrete and paving.

A professional lawn feed, which provides balanced nutrition during Autumn and Winter.

Features

Resealable safe storage container.

Slow nutrient release – provides nutrients for up to 3 months.

Low in nitrogen to provide controlled winter leaf growth.

Phosphorus to keep roots strong and healthy.

Potassium to aid water absorption and disease control.

Iron to harden grass plants to provide resistance against Fusarium. Also helps to keep moss under control.



Enviromat

Natural Green Roof Feed

- **Product Order Code** ENV-NUTRIFUSION
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Packaged Weight** 2kg
Application rate: 30g/m²
Coverage: 65m² (77yd²)
This product is sold per container.
- **Details** A slow release fertiliser designed specifically for green roof applications, in particular sedum installations. As plants found on a green roof typically have a relatively shallow layer of growing medium, it is imperative that there is a robust, healthy plant layer. Since green roof plants do not have the same access to water and nutrients as those at ground level, Green Roof Fertiliser must be used to keep them healthy. It's important to make sure that these plants are well nourished so that they will be able to withstand summertime droughts and winter frosts.
- **Technical Specification** Total Nitrogen (N) 8%
Phosphorus Pentoxide (P₂O₅) 4%
Potassium Oxide (K₂O) 8%
Magnesium Oxide (MgO) 3%
Trace Elements
- **Uses** Extensive Green Roofs.
Controlled feeding of sedum plants both on roofs and on the ground.
Important - This product must be applied to a dry leaf, then watered in sufficiently. Scorching may occur if applied during wet conditions. Do not exceed the recommended application rate.

A professional organic sedum feed formulated for healthy robust plants and to provide maximum benefit for any living green roof.

Features

- Resealable container for safe storage.
- Nitrogen to promote healthy leaf growth.
- Phosphorus to keep roots strong and healthy.
- Potassium to aid water absorption.
- Can be applied at any time of the year. For best results, apply in early spring and again in early summer.



Introducing our seed range

Grass Seeds

All of our grass seeds are tested for their purity and germination and only the very best cultivars make the grade. Every year we hand pick the best seeds possible from the STRI (Sports Turf Research Institute) guide to create a blend of grasses that are unique to Harrowden Turf. We are one of the only growers that goes to such lengths and this extra care and attention produces a seed mix that will provide an all-round turf, covering as many desired characteristics as possible. Each cultivar is assessed for the following characteristics:

- **Visual merit** – This is an overall measure of the suitability for its potential use.
- **Shoot density** – In most situations a dense sward is desired. A high shoot density is what gives you a thick dense carpet of grass.
- **Live ground cover** – This is important when assessing wear tolerance.
- **Slow re-growth** – As mowing accounts for most of the required maintenance of a grass area the speed of re-growth is an important measure of how much care a specific cultivar will need.
- **Fineness of leaf** – Different varieties of grass all have varying leaf widths. Finer leaves produce a more ornamental looking lawn.
- **Cleanness of cutting** – It is important that grass leaves are easy to cut. This helps to reduce discolouration after mowing.
- **Disease resistance** – It is becoming more and more important to cut down on the use of pesticides. Grasses with a high resistance to disease will help achieve this.
- **Colour** – One of the most important characteristics of a lawn is its lush year round green colour.
- **Recovery** – A high recovery score means a cultivar is less likely to require renovation work, indicating good self-recovery.

Whether you are
overseeding an existing
area or creating a new
lawn or meadow from
scratch, ensuring you
have the best seed
available is key in
creating a quality
landscaped area.





Wildflower Seeds

We source our native wildflower seeds from some of the UK's leading growers. When choosing varieties for our mixes, we consider their origin, flowering time, bio-diversity and their natural habitat. This enables us to develop bespoke mixes that are ideally suited to a wide range of applications, soil types and aspirations.

Due to the complexity of our mixes, many of the varieties are cleaned and mixed by hand. This attention to detail helps to achieve the highest possible standards meaning our mixes enhance and improve the environment.

Choosing the right seed for your project

As the UK's largest grower of wildflower turf, sedum blankets and lawn turf, we demand high-quality seed, cleaned of any weed seeds and with a high germination rate.

We put the same amount of care into our range of seed as we do our pre grown products. Only the very best will make the grade.

We have a large range of seeds available but if you can't find what you are looking for, we can supply bespoke mixtures tailored to your exact requirements. Please get in touch for more details.

We put the same amount of care into our range of seed as we do our pre-grown products. Only the very best will make the grade.





Harrowden Premium Seed

- **Product Order Code** SEED-HTPREMIUM
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** 0.9kg tub
- **Sowing Rate**

Over seeding
15g per square metre. 60m² coverage.

Establishing a new lawn
30g per square metre. 30m² coverage.
- **Growth**

Harrowden Turf Premium Lawn Seed is ideal for repairing an existing lawn and is the same mixture used to grow our British Standard Premium Lawn Turf, TURF-S6. The seed cultivars in this mix have been independently selected to provide the best quality sward. This results in a unique blend that produces a finer leaved luxurious but hardwearing lawn. Can also be used to establish a new lawn from scratch.
- **Typical Seed Mixture**

20% Perennial Ryegrass
10% Smooth Stalked Meadow Grass
35% Slender Creeping Red Fescue
20% Strong Creeping Red Fescue
15% Chewing's Fescue
- **Uses**

High quality landscapes areas
Commercial landscaping
Domestic lawns
Golf tees
Hardwearing amenity sports areas
Urban areas

Purity and germination certified Premium Lawn Seed. Ideal for creating new lawns or repairing damaged or thin areas.

Features

Due to the unique mix of species and cultivars this seed will produce a lawn with some shade, drought and salt tolerance.

Good year round colour.

Close mowing capability.

High shoot density with good rhizomatous recovery.

Outstanding tolerance to Fusarium, Red Thread and Dollar Spot.

Compatible with most growing mediums found throughout the UK.



Harrowden Shadesman+ Seed

■ Product Order Code	SEED-SHADESMAN PLUS
■ Available from	Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
■ Standard Size	200g bag
■ Sowing Rate	<i>Over seeding</i> 3g per square metre. 65m ² coverage. <i>Establishing a new lawn</i> 5g per square metre. 40m ² coverage.
■ Growth	Harrowden Turf Shadesman+ Seed is ideal for repairing an existing Shadesman lawn. The use of Poa Supina and Poa Pratensis creates a medium textured low maintenance lawn, that is both shade and drought tolerant. Harrowden Turf Shadesman+ Seed can also be used for growing a shade tolerant lawn from scratch. Shadesman+ Seed can be slow to germinate, for best results sow between March and September.
■ Typical Seed Mixture	50% Poa Supina 50% Poa Pratensis
■ Uses	Shaded landscaped areas. Commercial landscaping. Domestic lawns. Golf tees. Racecourses. Hardwearing amenity areas. Urban areas.

Shadesman+ Seed is ideal for repairing existing Shadesman lawns or can be used to create a lawn from scratch.

Features

Extremely high shade tolerance.

Drought tolerant.

Good year round colour that is impassive to climate change.

Close mowing capability.

High shoot density with unique stoloniferous creeping ability.

Low maintenance requiring up to 50% less mowing than a conventional ryegrass lawn.

Compatible with most growing mediums found throughout the UK however this seed is not suitable for areas with poor drainage or waterlogging.



Harrowden Species Rich Lawn Seed

- **Product Order Code** SEED-MEAD-SR
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** Available in various quantities.
Sowing Rate 10g/m².

- **Growth**

Harrowden Turf Species Rich Lawn Seed is a blend of 12 slow growing grasses and 23 native wildflowers. The specially selected grasses ensure full coverage all year round. Harrowden Turf Species Rich Lawn Seed will create a colourful low maintenance lawn and is suitable for most soil types.

- **Typical Seed Mixture***

80% Slow Growing Grasses: Slender Creeping Red Fescue, Hard Fescue, Sheeps Fescue, Small Leaved Timothy, Crested Dogs Tail, Brown Top Bent, Chewings Fescue, Creeping Bent, Strong Creeping Red Fescue, Smooth Meadow Grass, Rough Stalked Meadow Grass, Perennial Ryegrass

20% Native Wildflowers: Common Knapweed, Meadow Buttercup, Rough Hawkbit, Cat's Ear, Cowslip, Common Mouse-Ear, Flax, Birdsfoot Trefoil, Black Medick, Ribwort Plantain, Common Sorrel, Lady's Bedstraw, White Clover, Creeping Buttercup, Selfheal, Yarrow, Autumn Hawkbit, Yellow Rattle, Small Scabious, Wood Sage, Wild Carrot Red Clover, Common Dandelion

- **Uses**
 - Low maintenance areas.
 - Commercial landscaping.
 - Domestic lawns.
 - Urban areas.

A blend of 12 slow growing grasses and 23 native wildflowers adds a splash of colour to a lawn.

Features

Biodiverse and pollinator-friendly.
Low maintenance.
Hardwearing.
Good year round colour and appear.
Good drought tolerance.
Compatible with most growing mediums found throughout the UK and can tolerate slightly more nutrient rich soils.

*When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds seeds, however due to the natural way in which these seeds are collected we cannot guarantee they are 100% weed free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a wildflower area that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species.

Meadowmat

Traditional Seed Mix



- **Product Order Code** SEED-MEAD-TRAD
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** Available in various quantities.
Sowing Rate 5g/m².
- **Growth**
Harrowden Turf Traditional Meadowmat Seed Mix is a blend of 3 slow growing grasses and 31 native wildflowers typically found in an old fashioned hay meadow. Many of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grasses ensure coverage all year round.
- **Typical Seed Mixture***
20% Slow Growing Grasses: Slender Creeping Red Fescue, Sheep's Fescue, Crested Dogs Tail
80% Native Wildflowers: Autumn Hawkbit, Betony, Birdsfoot Trefoil, Bladder Campion, Catsear, Common Knapweed, Common Sorrel, Common St Johns Wort, Common Toadflax, Common Vetch, Cowslip, Daisy, Field Scabious, Lady's Bedstraw, Meadow Buttercup, Meadow Cranesbill, Meadowsweet, Musk Mallow, Ragged Robin, Red Campion, Red Clover, Ribwort Plantain, Rough Hawkbit, Salad Burnet, Selfheal, Tufted Vetch, White Campion, Wild Carrot, Wild Marjoram, Yarrow, Yellow Rattle
- **Uses**
Biodiverse landscaping schemes.
Low maintenance areas.
Commercial landscaping.
Urban areas and parks.
Domestic gardens.
- **Flowering Time**
Flowers from March to November (dependant on local weather conditions) peak flowering is from June to September.

Our Traditional Meadowmat Seed gives you a colourful mix of grasses and flowers to recreate the wildflower meadows of yesteryear.

Features

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

A mixture of grasses and wildflowers for year round interest.

Environmentally friendly requiring no fertilisers or pesticides.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil.

*When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds seeds, however due to the natural way in which these seeds are collected we cannot guarantee they are 100% weed free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a wildflower area that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species.

Meadowmat

Woodland Shade Seed Mix



- **Product Order Code** SEED-MEAD-WOOD
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** Available in various quantities.
Sowing Rate 5g/m².
- **Growth**
Harrowden Turf Woodland Shade Meadowmat Seed Mix is a blend of 3 slow growing grasses and 35 native wildflowers many of which can be found growing in woodland and hedgerows. All but one of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grasses ensure coverage all year round.
- **Typical Seed Mixture***
30% *Native Grasses*: Crested Dogstail, Sheep's Fescue, Yellow Oatgrass
70% *Native Wildflowers*: Autumn Hawkbit, Betony, Birdsfoot Trefoil, Catsear, Common Knapweed, Common Sorrel, Common Toadflax, Common Vetch, Cowslip, Daisy, Dames Violet, Field Scabious, Kidney Vetch, Lady's Bedstraw, Meadow Buttercup, Meadow Cranesbill, Meadow Vetchling, Meadowsweet, Musk Mallow, Pepper Saxifrage, Primrose, Ragged Robin, Red Campion, Ribwort Plantain, Rough Hawkbit, Salad Burnet, Sanfoin, Selfheal, Tufted Vetch, White Campion, Wild Carrot, Wild Marjoram, Wild Mignonette, Wood Sage, Yellow Rattle
- **Uses**
Biodiverse landscaping schemes.
Low maintenance areas.
Commercial landscaping.
Urban areas and parks.
Domestic gardens.
- **Flowering Time**
Flowers from March to November (dependant on local weather conditions) peak flowering is from June to September.

A shade tolerant seed mix designed to give colour and variety to those harder to manage shady areas.

Features

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains mainly perennial species to ensure a varied display each year.

Environmentally friendly requiring no fertilisers or pesticides.

A mixture of grasses and wildflowers for year round interest.

Low maintenance – does not require regular mowing

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil.

*When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds seeds, however due to the natural way in which these seeds are collected we cannot guarantee they are 100% weed free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a wildflower area that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species.

**The RHS Plants for Pollinators mark is only given to plants that support pollinating insects. Find out more at rhs.org.uk/plantsforpollinators

Meadowmat

Cottage Garden Seed Mix



- **Product Order Code** SEED-MEAD-COT
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** Available in various quantities.
Sowing Rate 5g/m².
- **Growth**
Harrowden Turf Cottage Garden Meadowmat Seed Mix is a blend of 2 slow growing grasses and 30 native wildflowers many of which could be found in an old fashioned English garden. Most of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grasses ensure coverage all year round.
- **Typical Seed Mixture***
5% native grasses: Tufted Hair Grass
95% Native Wildflowers: Achillea Millefolium, Birdsfoot Trefoil, Bladder Campion, Columbine, Common Knapweed, Common Mallow, Corn Chamomile, Cornflower, Cosmos Albatross, Cosmos Gloria, Erigeron 'profusion', Field Scabious, Linaria - Northern Lights, Meadow Saxifrage, Melton Pastels, Nettle Leaved Bellflower, Ragged Robin, Red Campion, Ribwort Plantain, Rose Campion, Sweet Violet, Thrift, Tufted Vetch, Viper's Bugloss, White Breeze, White Campion, Wild Thyme, Vervain, Yarrow, Yellow Horned Poppy
- **Uses**
Biodiverse landscaping schemes.
Low maintenance areas.
Commercial landscaping.
Urban areas and parks.
Domestic gardens.
- **Flowering Time**
Flowers from February to November (dependant on local weather conditions) peak flowering is from June to October.

A glorious blend of native and non-native plants and grasses to attract and support pollinating insects.

Features

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains perennial, annual and bi-annual species to ensure a varied display each year.

Environmentally friendly requiring no fertilisers or pesticides.

A mixture of grasses and wildflowers for year round interest.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil.

*When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds seeds, however due to the natural way in which these seeds are collected we cannot guarantee they are 100% weed free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a wildflower area that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species.

**The RHS Plants for Pollinators mark is only given to plants that support pollinating insects. Find out more at rhs.org.uk/plantsforpollinators

Meadowmat

Heritage Seed Mix



- **Product Order Code** SEED-MEAD-HER
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** Available in various quantities.
Sowing Rate 5g/m².

- **Growth**
Harrowden Turf Heritage Seed Mix is a blend of 1 slow growing grass and 21 native wildflowers that have been selected for their ability to grow in shallow, poor nutrient soils. Most of the species are perennial which means they will flower every year if the conditions are suitable. The specially selected grass ensures and all year round coverage. Harrowden Turf Heritage Seed Mix was originally designed for green roofing but is just as happy when grown on the ground.

- **Typical Seed Mixture***

10% *native grasses*: Slender Creeping Red Fescue

90% *Native Wildflowers*: Birdsfoot Trefoil, Bladder Campion, Clustered Bellflower, Common Poppy, Cornflower, Daisy, Fox And Cubs, Lady's Bedstraw, Maiden Pink, Meadow Saxifrage, Ragged Robin, Sea Campion, Selfheal, Sheep's Bit, Soapwort, Thrift, Viper's Bugloss, Water Avens, Wild Thyme, Yarrow, Yellow Rattle.

- **Uses**
Biodiverse landscaping schemes.
Biodiverse living roofs.
Low maintenance areas.
Commercial landscaping.
Urban areas and parks.
Domestic gardens.

- **Flowering Time**
Flowers from January to December (dependant on local weather conditions) peak flowering is from June to September.

Heritage Meadowmat Seed Mix was originally developed for green roof applications, however it is just as happy on the ground!

Features

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Contains mainly perennial species to ensure a varied display each year.

Environmentally friendly requiring no fertilisers or pesticides.

A mixture of grass and wildflowers for year round interest.

Low maintenance – does not require regular mowing.

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil or specialist roofing substrate.

*When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds seeds, however due to the natural way in which these seeds are collected we cannot guarantee they are 100% weed free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a wildflower area that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species.

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Meadowmat

Birds & Bees FLL Seed Mix



- **Product Order Code** SEED-MEAD-BBFL
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** Available in various quantities.
Sowing Rate 5g/m².
- **Growth**
Harrowden Turf Birds & Bees FLL Meadowmat Seed Mix is a blend 41 native wildflowers specially selected to be pollinator-friendly. Many of the species are perennial which means they will flower every year if the conditions are suitable. Having no grass species in the mix results in a more colourful mix that is also suitable for green roof installations.
- **Typical Seed Mixture***
100% Native Wildflowers: Agrimony, Autumn Hawkbit, Birdsfoot Trefoil, Bladder Campion, Chicory, Clustered Bellflower, Columbine, Common Daisy, Common Mallow, Common Sorrel, Common Toadflax, Cornflower, Fennel, Field Poppy, Fox And Cubs, Foxglove, Grandmothers Garden, Greater Knapweed, Harebell, Maiden Pink, Meadow Buttercup, Meadow Cranes-Bill, Musk Mallow, Purple Loosestrife, Ragged Robin, Red Campion, Red Clover, Sheep's Bit Scabious, Small Scabious, Tansy, Teasel, Viper's Bugloss, White Campion, White Clover, Wild Basil, Wild Carrot, Wild Clary, Wild Marjoram, Wild Pansy, Wild Thyme, Yarrow
- **Uses**
Biodiverse landscaping schemes.
Low maintenance areas.
Commercial landscaping.
Urban areas and parks.
Domestic gardens.
Areas requiring maximum colour and interest.
Green Roofs.
- **Flowering Time** Flowers from January to December (dependant on local weather conditions) peak flowering is from June to October.

With no grasses, this 100% wildflower seed mix is ideal for use on green roofs or areas where a florally focussed display of colour is required.

Features

- 100% wildflower mix.
- Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.
- Contains perennial, annual and bi-annual species to ensure a varied display each year.
- Environmentally friendly requiring no fertilisers or pesticides.
- Low maintenance – does not require regular mowing.
- Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil or substrate mix.

*When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds seeds, however due to the natural way in which these seeds are collected we cannot guarantee they are 100% weed free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a wildflower area that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species.

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Meadowmat

SuDS Seed Mix



- **Product Order Code** SEED-MEAD-SUDS
- **Available from** Harrowden Turf Ltd, Colpmans Farm, Islip, Northamptonshire, NN14 3LT
- **Standard Size** Available in various quantities.
Sowing Rate 10g/m².
- **Growth**
Harrowden SuDS Meadowmat Seed Mix is a blend of 4 native grasses and 30 native wildflowers that have been selected for their ability to root into and stabilise poor nutrient soils. The mix contains perennial species which means they will flower every year if the conditions are suitable. The specially selected grasses ensures all year round coverage along with strong rooting to aid soil stability. Harrowden Turf SuDS Meadowmat Seed Mix was originally developed for Sustainable Urban Drainage Systems but is also ideal for any sloped areas, providing stability, low maintenance and colour to otherwise challenging hard to reach areas.
- **Typical Seed Mixture***
50% Native Grasses: Sheep's Fescue, Slender Creeping Red Fescue, Crested Dogtail, Small Leaved Timothy
50% Native Wildflowers: Autumn Hawkbit, Betony, Birdsfoot Trefoil, Bladder Campion, Catsear, Common Knapweed, Common Sorrel, Common St John's Wort, Common Toadflax, Common Vetch, Cowslip, Field Scabious, Hay Rattle, Lady's Bedstraw, Meadow Buttercup, Meadow Cranesbill, Meadowsweet, Musk Mallow, Oxeye Daisy, Red Campion, Red Clover, Ribwort Plantain, Salad Burnet, Selfheal, Tufted Vetch, Vipers Bugloss, White Campion, Wild Carrot, Wild Marjoram, Yarrow
- **Uses**
Biodiverse landscaping schemes; banks and sloped areas up to 65 degrees; SuDS and Bioswale Systems; around ponds and basins; soakaway trenches; low maintenance areas; commercial landscaping urban areas and parks; domestic gardens.
- **Flowering Time**
Flowers from March to November (dependant on local weather conditions) peak flowering is from June to September.

SuDS & Slopes
Meadowmat Seed Mix
provides a low
maintenance solution.
Ideal for slopes, damp
soils and the margins of
ponds and streams.

Features

Biodiverse and pollinator-friendly providing a valuable source of nectar and food for many species of insects and birds.

Environmentally friendly requiring no fertilisers or pesticides.

A mixture of grass and wildflowers for year round interest.

Low maintenance – does not require regular mowing

Prefers a neutral pH but can tolerate acidic or alkaline soils - for best results this product requires installation on a low nutrient soil. We recommend sowing this mix on a reinforced environmentally friendly growing blanket.

*When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden Turf makes every effort to ensure wildflower products are free from weeds seeds, however due to the natural way in which these seeds are collected we cannot guarantee they are 100% weed free on delivery. It is unlikely that you will see every species that is listed. The variation of species present has been developed to suit a wide variety of soils and environmental conditions. This will result in a wildflower area that will adapt to individual settings which may mean some species are more successful than others. Contains annual bi-annual and perennial species.

**The RHS Plants for Pollinators mark is only given to plants that support pollinating insects. Find out more at rhs.org.uk/plantsforpollinators

THE BUYER'S ATTENTION IS DRAWN TO THE PROVISIONS OF CONDITION 10.3 BELOW, AS WELL AS THE RHA CONDITIONS OF CARRIAGE AND THE TRADE RETURNS AND CLAIMS POLICY WHICH FORM PART OF THE AGREEMENT TO SUPPLY PRODUCTS. STANDARD TERMS AND CONDITIONS FOR THE SALE OF PRODUCTS

1 INTERPRETATION

1.1 In these Conditions the following words have the following meanings:

"Conditions" means the standard terms and conditions of sale as set out in this document and as amended from time to time in accordance with Condition 2.4;

"Contract" means the Order and the Supplier's acceptance of the Order;

"Products" means the items agreed in the Contract to be supplied to the Buyer by the Supplier (including any part or parts of them);

"Soil" means those products which are soil, topsoil and loam.

"Turf" means those products which are turf;

"Enviromat" means those products which are Enviromat seedmat matting;

"Meadowmat" means those products which are Meadowmat wildflower turf;

"Perishable Products" means those products which are Turf, Meadowmat or Enviromat;

"Indebtedness" any obligation to pay or repay money (whether present or future, actual or contingent, joint or sole);

"Intellectual Property Rights" means any and all patents, rights to inventions, utility models, copyright and related rights, trade marks, service marks, trade business and domain names, rights in trade dress or get-up, rights in goodwill or to sue for passing off, unfair competition rights, rights in designs, rights in computer software, database rights, moral rights, rights in confidential information (including know-how and trade secrets) and any other intellectual property rights, in each case whether registered or unregistered and including all applications for and renewals or extensions of such rights, and all similar or equivalent rights or forms of protection in any part of the world;

"Losses" means losses (including any direct, indirect or consequential losses, loss of profit and loss of reputation), claims, damages, liabilities, fines, interest, penalties, costs, charges, expenses, demands and legal and other professional costs (calculated on a full indemnity basis);

"Order" means the Buyer's order for the Products, as set out in the Buyer's purchase order form;

"Price" has the meaning given to it in Condition 8.1;

"Buyer" means the person(s), firm or company from whom the Order is received by the Supplier;

"Specification" means any specification for the Products that is supplied by the Supplier to the Buyer or agreed in writing by the Supplier;

"Supplier" means Harrowden Turf Limited (company number 09297147) whose registered office is at Colmans Farm, Islip, Kettering, Northants NN14 3UJ;

"Supplier Materials" means any documents or other materials, and any data or other information provided by the Supplier relating to the Products; and

"Working Day" means a day (other than a Saturday, a Sunday or a public holiday in England) on which banks in London are open for business. For the purpose of any time limit in these conditions if the last day falls on a day other than a Working Day the time limit shall be extended until 9.00am on the first Working Day following.

1.2 In these Conditions (except where the context otherwise requires):

1.2.1 words in the singular include the plural and vice versa;

1.2.2 reference to "a person" includes a natural person, company or unincorporated body (whether or not having separate legal personality);

1.2.3 a reference to "company" includes any company, corporation or other body corporate, wherever and however incorporated or established;

1.2.4 references to legislation are to that legislation as amended, extended or re-enacted from time to time;

1.2.5 a reference to a statute or statutory provision shall include all subordinate legislation made from time to time under that statute or statutory provision;

1.2.6 any words following the terms "including", "include", "in particular" or any similar terms shall be construed as illustrative only and shall not limit the sense of the words preceding those terms; and

1.2.7 unless otherwise agreed, a reference to "writing" or "written" includes faxes but not email.

1.3 Headings are for convenience only and shall not affect the interpretation of these Conditions.

1.4 The Contract shall be binding upon, and enure to the benefit of, the parties and their respective personal representatives, successors and permitted assignees, and references to any party shall include that party's personal representatives, successors and permitted assignees.

2 APPLICATION OF THESE CONDITIONS

2.1 These Conditions, together with the Supplier's Trade Returns and Claims Policy and, in the case of Orders where the Buyer requests delivery, the RHA Conditions of Carriage, are the only conditions upon which the Supplier is prepared to deal with the Buyer and they shall govern the Contract to the entire exclusion of all other terms and conditions.

2.2 No terms or conditions (other than these Conditions, the Trade Returns and Claims Policy, and the RHA Conditions of Carriage) endorsed upon, delivered with or contained in the Order, confirmation of order or other document (whether or not any such document is referred to in the Contract) or any other terms that the Buyer seeks to impose or incorporate will form part of the Contract.

2.3 All conditions (other than these Conditions, the Trade Returns and Claims Policy, and the RHA Conditions of Carriage), warranties and other statements whatsoever that would otherwise be implied or imposed by statute, common law, trade custom or practice, of course of dealing or otherwise howsoever are (save for the conditions implied by section 12 of the Sale of Products Act 1979) excluded from the Contract to the fullest extent permitted by law.

2.4 These Conditions apply to all the Supplier's sales of Products and any variation to these Conditions and any representations about the Products shall have no effect unless expressly agreed in writing and signed by a duly authorised representative of the Supplier.

2.5 Each Order shall be deemed to be an offer by the Buyer to purchase Products subject to these Conditions.

2.6 No Order shall be deemed to be accepted by the Supplier until the Supplier gives written notice of acceptance of the Order (if it elects to do so) or the Supplier delivers the Products to the Buyer.

2.7 The Buyer must ensure that the terms of its Order and any applicable Specification are complete and accurate.

2.8 Any quotation by the Supplier shall not constitute an offer and is given on the basis that no contract will come into existence until the Buyer places an Order and the Supplier accepts that Order in accordance with Condition 2.6.

2.9 The Supplier shall not be obliged to accept any Order.

2.10 The Contract constitutes the entire agreement and understanding between the parties.

2.11 The Buyer acknowledges that it has not relied on, and shall have no remedy in respect of any statement, representation, assurance, warranty or understanding made or given by or on behalf of the Supplier (whether innocently or negligently) which is not expressly set out in the Contract. The Buyer shall not have any claim for innocent or negligent misrepresentation based upon any statement, representation, assurance or warranty in the Contract.

3 DESCRIPTION

3.1 The description of the Products shall be as set out in the Supplier's quotation, as modified by any Specification.

3.2 The Supplier may amend any Specification if required by any applicable statute or regulation, following which the applicable Specification shall be that as so amended.

3.3 All samples, drawings, descriptions, matter, specifications and advertising produced by the Supplier and any descriptions or illustrations contained in the Supplier's catalogues or brochures are produced solely to describe the Products approximately and do not form part of the Contract.

4 QUALITY

4.1 The Supplier warrants that (subject to the other provisions of these Conditions) upon delivery, the Perishable Products will:

4.1.1 be of a quality consistent with the Perishable Products having been grown in an open field environment.

4.1.2 in respect of Turf:

a) have the benefit of the Supplier's disease and weed treatment and plant nutrition and maintenance programmes;

b) have the benefit of the application of insecticides, as regulations permit from time to time and consistent with Supplier's wildlife protection and conservation policy, which precludes the indiscriminate use of pesticides; and

c) subject to clause 4.2 comprise Product quality grass seed cultivars, blended and sown in specific percentages as indicated by the Supplier.

4.2 The percentages of seed cultivars sown may not correspond to the percentages of grass or plant species in the Perishable Product in the mature state when supplied. The Perishable Products when supplied may in addition contain a percentage of unwanted grass, wildflowers or other weed species due to Products being grown in an open field environment.

4.3 Other characteristics of the Products are given in good faith but are for guidance only and shall not constitute representations, terms, conditions or warranties under the Contract.

4.4 The Supplier shall not be liable for a breach of warranty under Condition 4.1 unless the Buyer adheres to the Trade Returns and Claims Policy.

4.5 The Supplier shall not be responsible for laying or maintaining the Products.

4.6 The Buyer shall make sufficient labour available to lay any perishable Products (including, but not limited to, the Perishable Products) on the day of delivery or collection of the Products. If the Buyer fails to comply with this clause 4.6, subject to clause 10.2, the Supplier shall have no liability to the Buyer.

4.7 The terms implied by sections 13 to 15 of the Sale of Products Act 1979 are excluded from the Contract to the fullest extent permitted by law.

4.8 Whilst the Supplier takes care to control the presence of pests, most notably, Chaffer species, Cranefly Larvae (Leatherjackets), Ribbonfly Free Larvae, Earthworms and Nematodes, the Supplier cannot guarantee that Soil and Perishable Products are free from these pests in any form on delivery.

4.9 Whilst the Supplier takes care to control the presence of soil borne or other plant diseases, the Supplier cannot guarantee that any Soil or Perishable Products are free of disease pathogens on delivery.

5 DELIVERY

5.1 The Supplier is a member of the Road Haulage Association, and makes deliveries subject to RHA Conditions of Carriage.

5.2 Unless otherwise agreed in writing by the Supplier, delivery of the Products shall take place at the Supplier's premises or such other location as may be advised by the Supplier prior to delivery, from which the Buyer will collect the Products in no more than two (2) days after the Supplier gives the Buyer notice that the Products are ready for collection.

5.3 The Buyer will provide at its expense requisite instructions, documents, licences and authorisations required for or relevant to the delivery of the Products to enable delivery to take place.

5.4 Delivery of the Products shall be complete when the Products have arrived at the location for delivery determined under Condition 5.2.

5.5 Any dates and times specified by the Supplier for delivery of the Products are intended to be an estimate made by the Supplier in good faith and time for delivery is not of the essence. If no dates are so specified, delivery will be within a reasonable time.

5.6 The Supplier shall not be liable for any delay in delivery of the Products caused by the Buyer failing to comply with Condition 5.3 or any other Condition.

5.7 Unless otherwise agreed, the Supplier reserves the right to deliver to the Buyer by the most cost effective method.

5.8 If for any reason the Buyer fails to take delivery of any of the Products within the period of seven (7) days after the Supplier has given the Buyer notice that they are ready for delivery (or if the Supplier is unable to deliver the Products within that period because the Buyer has not complied with Condition 5.3 or any other Condition):

5.8.1 completion of delivery of the Products will be deemed to have taken place at 9.00am on the next Working Day following the expiry of that period;

5.8.2 the Products shall be at the risk of the Buyer from the time specified in Condition 5.8.1;

5.8.3 without prejudice to any other rights or remedies it may have, including its rights under Condition 5.8.4, the Supplier may store the Products until actual delivery and the Buyer will be liable for all related costs and expenses (including for storage and insurance); and

5.8.4 without prejudice to any other rights or remedies it may have, if the Buyer has not taken delivery of those Products within seven (7) days from the time specified in Condition 5.8.1, the Supplier may resell or otherwise dispose of part or all of those Products.

5.9 Supplier shall procure that its employees who deliver the Products comply with all reasonable safety, security and other regulations which are in force and are notified to the Buyer. The Buyer shall indemnify the Supplier against any loss which the Supplier may suffer or incur as a result of any injury to its employees or damage to or loss of its property whilst at the place of delivery resulting from anything other than the negligence or malfeasance of the Supplier or its employees, including where damage or loss is caused whilst following specific delivery instruction or other requirements of the Buyer.

5.10 The Supplier may require the Buyer to return (at the Buyer's expense) any packaging materials and, if so, the Supplier shall state such requirement on a delivery note accompanying the delivery of the Products and the Buyer shall make such packaging materials available for collection at such times as the Supplier shall reasonably request.

5.11 The Company may deliver the Products by instalments and each instalment shall be treated as a separate Contract so that failure to deliver, or any defect in, one or more instalment shall not entitle the Buyer to reject the other instalments.

5.12 The Buyer shall not resell the Products in any packaging other than the packaging in which the Products were delivered and shall not alter or damage that packaging in any way whatsoever and the Buyer shall indemnify and keep indemnified the Supplier in full and hold it harmless on demand from and against any and all Losses suffered or incurred by the Supplier or for which the Supplier may become liable arising out of or in connection with any claim made against the Supplier as a result of the Buyer failing to comply with this Condition 5.12.

5.13 If, 30 minutes after the arrival of the Products at the delivery location, unloading of the Products from the delivery vehicle is not complete because the Buyer failed to comply with Condition 5.3 or any other Condition a demurrage charge may begin to apply.

6 NON DELIVERY

6.1 The quantity of any consignment of Products as recorded by the Supplier upon despatch from the Supplier shall be conclusive evidence of the quantity received by the Buyer on delivery unless the Buyer can provide conclusive evidence proving the contrary.

6.2 The Supplier shall not be liable for any non-delivery or shortage in delivery of the Products where:

6.2.1 the non-delivery is caused by the Buyer failing to comply with Condition 5.3 or any other Condition; or

6.2.2 the Buyer has failed to notify the Supplier by telephone of non-delivery or shortage in delivery within 26 hours of the delivery or collection of the relevant Products (such notification to be subsequently confirmed in writing).

6.3 Any liability of the Supplier for non-delivery of the Products shall be limited to replacing within a reasonable time, or issuing a credit note against any invoice raised for, any such Products that were not delivered.

6.4 If non delivery of the Products is caused by the Buyer failing to comply with Condition 5.3 or any other Condition a re-delivery or return charge may apply.

7 RISK AND OWNERSHIP

7.1 The Products shall be at the risk of the Buyer from completion of delivery.

7.2 Ownership of the Products shall not pass to the Buyer until the Supplier has received in full (in cash or cleared funds) all sums due to it in respect of:

7.2.1 the Products; and

7.2.2 all other sums which are, or which become, due to the Supplier from the Buyer on any account.

7.3 From completion of delivery until ownership of the Products has passed to the Buyer, the Buyer must:

7.3.1 hold the Products as the Supplier's bailee on a fiduciary basis;

7.3.2 keep the Products safe (at cost to the Supplier) separately from all other Products of or in the possession of the Buyer in such a way that they remain readily identifiable as the property of the Supplier;

7.3.3 not destroy, damage, remove or obscure any identifying mark or packaging on or relating to the Products;

7.3.4 maintain the Products in satisfactory condition;

7.3.5 keep the Products insured on the Supplier's behalf for the full price against all risks to the reasonable satisfaction of the Supplier and on request produce to the Supplier the policy of insurance;

7.3.6 hold the proceeds of the insurance referred to in Condition 7.3.5 on trust for the Supplier and not mix them with any other money, nor pay the proceeds into an overdraft bank account;

7.3.7 inform the Supplier immediately if there occurs, or if the Supplier knows there is about to occur, any of the events referred to in Condition 12.2; and

7.3.8 give the Supplier such information relating to the Products as the Supplier may from time to time require.

7.4 The Buyer may resell the Products before ownership has passed to it solely on the following conditions:

7.4.1 any such resale be effected in the ordinary course of the Buyer's business at full market value; and

7.4.2 any such sale shall be a sale of the Supplier's property on the Buyer's own behalf and the Buyer shall deal as principal when making such a sale.

7.5 If, before ownership of the Products has passed to the Buyer in accordance with Condition 7.2:

7.5.1 there occurs any of the events referred to in Condition 12.2; or

7.5.2 the Supplier reasonably believes that any of the events referred to in Condition 12.2 is about to occur;

7.5.3 the Buyer fails to observe or perform any of its obligations under the Contract or any other contract between the Buyer and the Supplier; or

7.5.4 the Buyer encumbers or in any way charges any of the Products, the Supplier may, subject to Condition 7.6 and without limiting any other rights or remedies it may have, give notice to the Buyer requiring it promptly to deliver up to the Supplier, failing which the Supplier may enter any premises of the Buyer or of any third party where the Products are held for the purpose of recovering the Products.

7.6 The Supplier shall not be entitled to give notice under Condition 7.5 in respect of such of the Products as have been resold in accordance with Clause 7.4 or irrevocably incorporated into another product.

7.7 The Supplier shall be entitled to recover payment for the Products notwithstanding that ownership of any of the Products has not passed from the Supplier.

7.8 The Buyer grants the Supplier, its agents and employees an irrevocable licence at any time to enter any premises where the Products are or may be stored in order to inspect them, or where the Buyer's right to possession has terminated, to recover them.

8 PRICE

8.1 Unless otherwise agreed by the Supplier in writing, and subject to Condition 8.2, the price for the Products ("Price") shall be the price set out in the Order or, if no price is set out in the Order, the price set out in the Supplier's published price list applicable on the date of completion (or deemed completion) of delivery.

8.2 All prices quoted by the Supplier shall be valid for thirty (30) days only from the date of the quote, during which period the Buyer may place an Order based on that quotation, provided that the Supplier has not previously withdrawn it.

8.3 The Supplier may, by notice to the Buyer given no later than two (2) Working Days before completion of delivery, increase the Price to reflect any increase in the cost of the Products due to:

8.3.1 any request by the Buyer to change the delivery date, quantity, Specification or type of Products ordered; or

8.3.2 any delay arising from the inaccuracy or inadequacy of, or failure to provide, requisite instructions or information reasonably required from the Buyer by the Supplier to perform its obligations under the Contract.

8.4 The Price shall be exclusive of all costs or charges in relation to loading, unloading, packaging, carriage and insurance, all of which amounts the Buyer will pay in addition when it is due to pay for the Products.

8.5 The Price is stated exclusive of value added tax ("VAT"), which shall be added at the prevailing rate as applicable and paid by the Buyer following delivery of a valid VAT invoice.

9 PAYMENT

9.1 The Supplier may invoice the Buyer for the Products on or at any time following completion (or deemed completion) of delivery.

9.2 Unless otherwise agreed in writing, the Buyer shall pay the invoice in full within thirty (30) days of the date of invoice.

9.3 Time for payment shall be of the essence.

9.4 Payments shall be applied to the relevant Products listed in such invoices in the order determined by the Supplier.

9.5 No payment shall be deemed to have been received until the Supplier has received cash or cleared funds.

9.6 All amounts payable to the Supplier under the Contract shall become due immediately upon termination of the Contract despite any other provision.

9.7 The Buyer shall make all payments due under the Contract in full without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless required by law.

9.8 Without prejudice to any other right or remedy, the Supplier reserves the right to set off any amount owing at any time from the Buyer to the Supplier against any amount payable by the Supplier to the Buyer.

9.9 The Supplier shall be entitled to claim interest on the late payment of any amount properly due to the Supplier under the Contract accruing on a daily basis from the due date for payment until payment is made in full, both before and after any judgment, at a rate equal to the rate of statutory interest prescribed for the purposes of the Late Payment of Commercial Debts (Interest) Act 1998 from time to time.

9.10 To the extent that it does not exercise its right to claim interest under Condition 9.9, the Supplier reserves the right to claim interest and fixed sum compensation under the Late Payment of Commercial Debts (Interest) Act 1998.

10 LIMITATION OF LIABILITY

10.1 Subject to Condition 4 and the Trade Returns and Claims Policy, the following provisions of this Condition 10 set out the entire financial liability of the Supplier (including any liability for the acts or omissions of its employees, agents and subcontractors) to the Buyer under or in respect of the Contract for any claim or claims, whether arising in contract, tort (including negligence), breach of statutory duty or restitution, or for misrepresentation or otherwise howsoever.

10.2 Notwithstanding these Conditions shall limit or exclude the liability or remedy of either party:

10.2.1 for death or personal injury caused by its negligence, or the negligence of its employees, agents or sub-contractors;

10.2.2 for fraud or fraudulent misrepresentation;

10.2.3 for breach of any obligation as to title implied by section 12 of the Sale of Products Act 1979;

10.2.4 arising in respect of a defective product by virtue of the Consumer Protection Act 1987; or

10.2.5 for any act, omission or matter, liability for which may not be legally excluded or limited.

(The Buyer's attention is drawn to the provisions of Condition 10.3 below)

10.3 Subject to Condition 10.2:

10.3.1 the Supplier's total liability to the Buyer under or in respect of the Contract for any claim or claims, whether arising in contract, tort (including negligence), breach of statutory duty or restitution, or for misrepresentation, or otherwise howsoever shall in no circumstances exceed 100% of the Price;

10.3.2 no action (regardless of form) arising out of the Contract may be brought by the Buyer more than two years after the cause of action has occurred;

10.3.3 any advice or recommendation given by the Supplier or its employees or agents to the Buyer or its employees or agents as to the storage, application or use of the Products which is not confirmed in writing by the signed manager of the Supplier is followed or acted upon entirely at the Buyer's own risk and accordingly the Supplier shall not be liable for any such advice or recommendation, which is not so confirmed.

10.3.4 any typographical, clerical or other error or omission in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information issued by the Supplier shall be subject to correction without any liability on the part of the Supplier; and

10.3.5 the Supplier shall not be liable to the Buyer, whether arising in contract, tort (including negligence), breach of statutory duty or restitution, or for misrepresentation, or otherwise howsoever, for any loss of profit, loss of business, depletion of Product will or any indirect or consequential loss whatsoever arising out of or in connection with the Contract.

11 INTELLECTUAL PROPERTY RIGHTS

11.1 All rights, including any copyright or other Intellectual Property Rights, in any Supplier Materials shall, unless otherwise agreed in writing between the Buyer and the Supplier, belong to the Supplier, subject only to a licence in favour of the Buyer to use the Supplier Materials for the purposes of receiving the Products.

11.2 If the Products are to be manufactured to a Specification provided by the Buyer, the Buyer shall indemnify and keep indemnified the Supplier in full and hold it harmless on demand from and against any and all Losses suffered or incurred by the Supplier or for which the Supplier may become liable arising out of or in connection with any claim made against the Supplier for alleged or actual infringement of a third party's Intellectual Property Rights in connection with the Supplier's use of such Specification and this Condition 11.2 shall survive termination of the Contract.

12 TERMINATION AND SUSPENSION

12.1 If the Buyer becomes subject to any of the events listed in Condition 12.2, or the Supplier reasonably believes that any of the events referred to in Condition 12.2 are about to occur, the Supplier may terminate the Contract with immediate effect by giving written notice to the Buyer, without limiting any other rights or remedies it may have.

12.2 For the purposes of clause 12.1, the relevant events are:

12.2.1 the Buyer commits a material breach which is incapable of remedy;

12.2.2 the Buyer commits a material breach of these Conditions which is capable of remedy but fails to remedy that breach within 30 days of being notified of the breach;

12.2.3 the Buyer suspends, or threatens to suspend, payment of its debts, or is unable to pay its debts as they fall due or admits inability to pay its debts, or (being a company or limited liability partnership) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986, or (being a partnership) has any partner to whom any of the foregoing apply;

12.2.4 the Buyer commences negotiations with all or any class of its creditors with a view to a restructuring of any its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors;

12.2.5 a petition is filed, a notice is given, a resolution is passed, or an order is made, for or in connection with the winding up of the Buyer, other than for the sole purpose of a scheme for the solvent amalgamation of the Buyer with one or more other companies or the solvent reconstruction of the Buyer;

12.2.6 an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Buyer;

12.2.7 the holder of a qualifying floating charge over the Buyer's assets has become entitled to appoint or has appointed an administrative receiver;

12.2.8 a person becomes entitled to appoint a receiver over the Buyer's assets or a receiver is appointed over the Buyer's assets;

12.2.9 a creditor or encumbrancer of the Buyer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days;

12.2.10 the Buyer suspends, threatens to suspend, ceases or threatens to cease to carry on all or a substantial part of its business; and

12.2.11 the Buyer's position deteriorates to such an extent that in the Supplier's opinion the Buyer's capability to adequately fulfil its obligations under the Contract has been placed in jeopardy.

12.3 Without limiting its other rights or remedies, the Supplier may suspend provision of the Products (without liability to the Buyer) under the Contract or any other contract between the Buyer and the Supplier if the Buyer becomes subject to any of the events listed in clause 12.2.1 to clause 12.2.11, or the Supplier reasonably believes that the Buyer is about to become subject to any of them, or if the Buyer fails to pay any amount due to the Supplier on the due date for payment.

12.4 On termination of the Contract for any reason the Buyer shall immediately pay to the Supplier all of the Supplier's outstanding unpaid invoices and interest.

12.5 Termination of the Contract, however arising, shall not affect any of the parties' rights, remedies, obligations and liabilities that have accrued as at termination.

12.6 Clauses which expressly or by implication survive termination of the Contract shall continue in full force and effect.

13 ASSIGNMENT

13.1 The Supplier may assign, or deal in any other manner with, the Contract or any part of it, including sub-contracting any of its obligations under the Contract to any third party or agent.

13.2 The Buyer shall not be entitled to assign, or deal in any other manner with, the Contract or any part of it, including sub-contracting any of its obligations under the Contract, without the prior written consent of the Supplier.

14 FORCE MAJEURE

14.1 If either party is delayed or prevented in the performance of any of its obligations under the Contract by an event, circumstance or cause beyond its reasonable control which, by its nature, could not have been foreseen or, if foreseeable, was unavoidable, (including war or other armed conflict, terrorism, riot, civil disturbance, pestilence, plague, epidemic, fire, civil or military authorities, national or international emergency or calamity, strikes, lock-outs or other industrial disputes, (whether involving its own workforce or any third party), failure of energy supply, disruption to transport, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, social boom, explosions, collapse of buildings or other structures, fires, floods, storms, earthquakes, natural disasters, extreme adverse weather conditions, other acts of God, loss at sea, epidemics or similar events and default of suppliers or sub-contractors caused by any such event), that party shall not be liable for such delay or non-performance and the time for performance of the affected obligation shall be extended by such period as is reasonable to enable that party, using all reasonable endeavours, to perform that obligation.

14.2 If the performance of any of the Supplier's obligations under the Contract are delayed or prevented as described in Condition 14.1 for a continuous period of one (1) month, the Supplier may terminate the Contract, without liability to the Buyer, by giving notice to the Buyer.

15 COMMUNICATIONS

15.1 Any communication between the parties about the Contract shall be in writing, in English, and delivered (personally, sent by pre-paid registered post or recorded delivery (or pre-paid registered air mail if overseas) or by fax).

15.1.1 (in the case of communications to the Supplier) to its registered office or main fax number or such changed address or fax number as shall be notified to the Buyer by the Supplier; or

15.1.2 (in the case of communications to the Buyer) to its registered office (if it is a company) or (in any other case) to any address of the Buyer set out in any document which forms part of the Contract or to its main fax number or such other address or fax number as shall be notified to the Supplier by the Buyer.

15.2 Communications shall be deemed to have been received:

15.2.1 if delivered personally, at the time of delivery to the address;

15.2.2 if sent by pre-paid registered post or recorded delivery, 48 hours after posting;

15.2.3 if sent by pre-paid registered airmail, at 9.00am on the fifth Working Day after posting; and

15.2.4 if sent by fax, at 9.00am on the next Working Day after transmission provided a transmission report generated by the sending party's fax machine recording a message from the recipient party's fax machine confirming all pages were successfully transmitted.

15.3 Communications addressed to the Supplier shall be marked for the attention of the Head of Legal.

15.4 This Condition 15 does not apply to the service of any proceedings or other documents in any legal action or any arbitration or other method of dispute resolution.

16 GENERAL

16.1 The Contract does not constitute, establish or imply any partnership, joint venture, agency, employment or fiduciary relationship between the parties. The Buyer shall not have, nor represent that it has, any authority to make or enter into any commitments on the Supplier's behalf or otherwise bind the Supplier in any way.

16.2 The rights and remedies provided under these Conditions are in addition to, and not exclusive of, any rights or remedies provided by law. Any right or remedy expressly included in any provision of these Conditions (or the exercise thereof) shall not be considered as limiting the Supplier's rights or remedies under any other provision of these Conditions (or the exercise thereof).

16.3 If any provision, or part of any provision, of the Contract is found by any court or administrative body of competent jurisdiction to be invalid, illegal or unenforceable (a "void provision") such invalidity, illegality or unenforceability shall not affect the other provisions of the Contract, which shall remain in full force and effect. If a void provision would be valid, legal and enforceable if some part of it were deleted, that void provision shall apply with such modification as may be necessary to make it valid, legal and enforceable and if it cannot be made valid, legal and enforceable it shall be deemed to be deleted.

16.4 No provision of the Contract shall be enforceable under the Contracts (Rights of Third Parties) Act 1999 by any person who is not a party to the Contract.

16.5 A failure to exercise, or delay in exercising a right, power or remedy provided to the Supplier by these Conditions or by law does not constitute a waiver of that, or any other, right, power or remedy and shall not (and nor shall any single or partial exercise of any such right, power or remedy) preclude the further exercise of that, or any other, right, power or remedy.

16.6 As from the date of any breach of, or any delay under, any provision of the Contract by the Buyer will only be effective if in writing and will not be deemed a waiver of any subsequent breach or default and will in no way affect the other terms of the Contract.

16.7 The Contract and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes and claims) shall be governed by and construed in accordance with the law of England and the parties irrevocably agree that the courts of England and Wales shall have exclusive jurisdiction to settle any such matter.

17 WEBSITE

Orders placed through any of the Supplier's websites are subject to the terms and conditions as displayed on that website.



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