

Harrowden
TURF | WILDFLOWER | GREENROOF | TOPSOIL | SEED

PRODUCT GUIDE
2025/26

ABOUT HARROWDEN

CONTENTS

About Harrowden	00
Why Harrowden	02
Industry Testimonials	04
Compliance and Accreditation	06
Transport and Collections	08
Lawn Turf	10
Meadowmat® Wildflower Turf	18
Enviromat® Sedum Matting	36
Seeds, Plants and Bulbs	50
Roofing Products	66
Soil, Bark and Substrate	76
Fertilisers, Feed and Pest Control	88
Tools and Watering	96
Bespoke Products	110

Harrowden began as four independent regional turf businesses which have combined now to create a national horticultural grower specialising in amenity lawn turf, wildflower turf, sedum blankets, topsoil, plug plants, and grass and wildflower seed. We also supply an extended range of carefully selected trade-rated horticultural products and tools to enable both professional contractors and retail customers alike to deliver outstanding results whether for new landscaping projects or for the ongoing maintenance of green spaces.

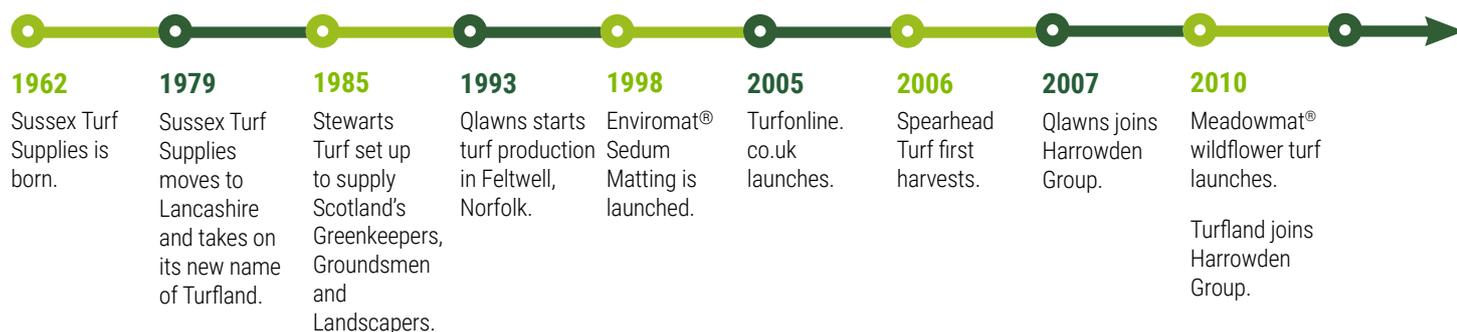
We are proud of our position as the UK's largest grower and distributor of turf, wildflower and sedum boasting a wealth of specialist growing skills and experience from across the country coupled with in-depth sector knowledge gained from more than 60 years in the business.

We operate in a very dynamic sector which has hard-wired in our culture of innovation whether through product development, embracing new technology throughout our production and customer service processes or refining the important role that logistics play in delivering outstanding overall service.

Recent examples are:

Harrowden was among the first in the UK to invest in new turf harvesting technology from the United States and we

HARROWDEN TIMELINE





continue to develop our own bespoke machinery to improve quality, consistency and efficiency.

Product development is key to remaining relevant and Harrowden continues to update products to address the changing climate, interest in greater biodiversity and stay in touch with the demands of the market and our customers. This includes products like our specialist shade-tolerant turf, Shadesman+, or green roof kits developed for both professional contractors and retail customers alike.

Harrowden takes the reliability of its products and service very seriously. As a result of the challenges experienced in the supply chain during COVID especially, we have taken control of how we source many of our inputs. This includes developing our own specification for substrates used in our wildflower and sedum products, and where we source seed and other components. We have taken the unprecedented step of taking complete ownership of our wildflower seed product throughout its lifecycle. So, we are growing our own plants, cleaning our own seeds and bringing our own seeds to market. Not only will we be using our own seed in our Meadowmat wildflower turf but we are also making it available to our various markets as fully traceable wildflower seed mixes.

We are focused on being well run and easy to do business with across all of our locations. Our ISO 9001, 14001 and 45001

“VERY VERY GOOD TURF. FRESH AND GREEN AND DRY MAKING IT EASY TO PUT DOWN. DELIVERED NEXT DAY. HAVE BOUGHT BEFORE AND WILL BUY AGAIN.”

K. Lawlor (2023)

accreditations covering business processes, environmental management and health & safety management, together with our “Silver” FORS accreditation achieved across our transport fleet, demonstrate our commitment to continual improvement and transparency across these areas.

Harrowden is so much more than turf. Our drive is to provide the best products, best service and best overall customer experience wherever you are in the country.





WHY HARROWDEN

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 service customers sustainably 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 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 to obtain real customer feedback and testimonials.

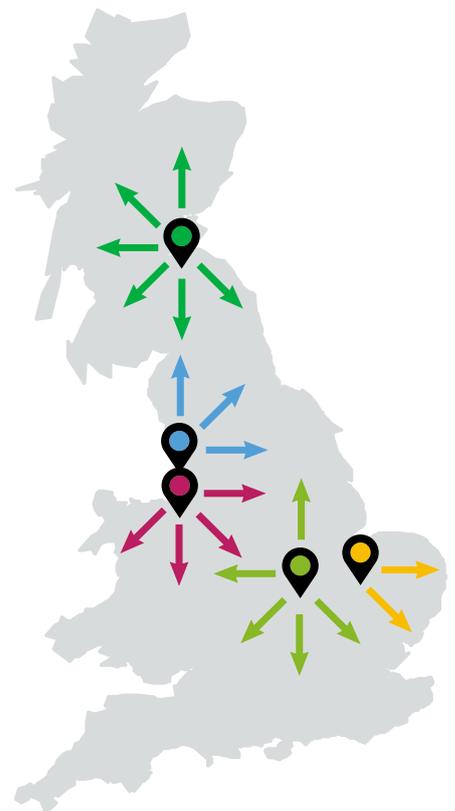
Process Control – Harrowden's modern processes and IT systems make having turf delivered easier than ever, even at short notice.

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 VISION

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

**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.**





OUR MISSION

To deliver the right products sustainably, 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 looking to build trust and more resilient relationships.

Innovation We challenge what we do every day to drive positive change.

Teamwork We believe in growing better together to deliver mutual success.

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

“AMAZING DELIVERY SERVICE, NEVER SEEN SUCH GOOD ROOT SYSTEMS AND LARGE PLANTS IN A MEADOW MAT BEFORE. AMAZING! YET TO KNOW HOW WELL IT WILL TAKE BUT VERY HAPPY WITH IT FOR NOW.”

H. Morgan (2023)

“WE HAVE TRUSTED HARROWDEN TO PROVIDE HIGH QUALITY TURF WITH EXCEPTIONAL SERVICE TO MEET THE HIGH DEMANDS OF OUR BUSINESS FOR A NUMBER OF YEARS. WE WOULD FULLY RECOMMEND HARROWDEN TO OUR CUSTOMERS AND ANYONE WITHIN THE LANDSCAPING INDUSTRY.”

*Bryan Patmore, Operations Manager
MBM Landscapes Limited (2024)*





PHOTO: BENCHMARK

INDUSTRY TESTIMONIALS

“ We have been relying on Harrowden for over 8 years, and their service and turf quality consistently exceed our expectations. The professionalism and commitment of their team have been instrumental in the success of our landscaping projects. Harrowden is not just a supplier but a trusted partner, offering invaluable expertise and collaboration that contributes to our project success. The top-notch turf they consistently deliver enhances the aesthetic appeal and longevity of our green spaces. We appreciate their dedication to excellence and look forward to continued success in our future collaborations. ”

**Jon Austin, Managing Director
PGE Landscaping Ltd.**



“ We have been using Harrowden for a good number of years now and have come to the decision that if you require great relations and products you must try these guys out. The products they supply are always top quality and delivered on time every time with very well-mannered drivers who assist us fantastically, always going the extra mile so we can achieve our tasks. The team at Harrowden are always there for you to ask questions and very helpful, for me there is no other supplier that can assist like Harrowden. Thank you guys for your support over the years and will look forward to having your products delivered to us as normal for the foreseeable future. ”

**Mark Foster, Senior Contracts Manager
Fusion Landscaping and Facilities Ltd.**



“ Milner Landscapes and Construction have worked with Harrowden across many developments throughout the East and West Midlands. From the ordering of turf to arrival of the product on the day to site, the process with Harrowden is efficient and well managed. As one of the leading turf installers in the UK, having the product arrive to site on time is key and the transport team within the business provide great support in doing this. I would highly recommend Harrowden to any landscaper in the UK who is looking for a supplier who is both reliable and provides an excellent product to install. ”

**Callum Irvine, Commercial Manager
Milner Landscapes & Construction Ltd.**



“ We have trusted Harrowden to provide high quality turf with exceptional service to meet the high demands of our business for a number of years. We would fully recommend Harrowden to our customers and anyone within the landscaping industry. ”

**Bryan Patmore, Company Owner and Director,
MBM Landscapes Limited**

“ Harrowden have always been there for us, turning around our orders quickly so that we start projects on time and importantly the quality of the turfs are great and we hope to continue to work in partnership with Harrowden, turning outdoor spaces into something special for our customers and communities. ”

**Donna Shepherd BA(Hons),
Director of Corporate & Customer Experience, PFL Group**

“ We have worked with Harrowden for quite a few years now. The customer service is always very good and this is underpinned by an excellent product range including wildflower turf which we are ordering more and more of. Particular thanks are due to the Harrowden team for being able to deal so positively with those inevitable last minute changes which are often foisted on us for reasons outside of our control – it is a pleasure to work with you all. ”

**Bev Rodway, Design and Installation Manager,
Benchmark Grounds Maintenance Ltd.**

“ Jack Moody Group are one of the UK's leading names in the provision of landscaping solutions for local authorities, developers, contractors and domestic clients and we pride ourselves on using the best quality products. Harrowden have been one of our main suppliers for many years, helping us to supply top quality turf solutions for a wide range of clients throughout the UK. Their service, speed and quality of product is key in our decision to make them one of our 'key suppliers'. As well as top quality turf, we also enjoy their Enviromat and Meadowmat ranges. ”

**Joe Scott MCIPS, Group Purchasing Manager,
Jack Moody LCE Ltd.**

“ We have used Harrowden for a number of years and have found their customer service and reliability to be excellent. Their product is high quality and any issues, due to weather conditions, are quickly sorted to our satisfaction. A number of our clients have commented on the good quality of turf that we install. ”

**Tim Catton, Managing Director
Westwood Landscape Ltd.**





COMPLIANCE AND ACCREDITATION

RED TRACTOR

www.redtractor.org.uk

Founded in 2000, Red Tractor is a world-leading food chain assurance scheme that underpins British food & drink production. It is the flagship logo of British food and farming, providing assurance at every stage of the production process, from farm to fork. Our Red Tractor accreditation ensures science-based, evidence-backed standards for animal welfare, food safety, traceability, and environmental protection. As one of 50,000 British farmers, we influence the purchasing criteria of major supermarkets, brands, and restaurants. The Red Tractor logo guarantees 20 years of world-leading British food excellence.



GRO

www.greenrooforganisation.org

The Green Roof Organisation (GRO) is an independent not-for-profit trade association representing the UK Green, Blue and BioSolar Roofing industries.

As a member Harrowden works with the GRO developing guidance documents and promoting the wider adoption of Green, Blue and BioSolar roofing technologies.

GRO represents manufacturers of waterproofing systems, suppliers of Green/Blue/BioSolar systems and specialist contractors from the roofing and landscape sectors.

Harrowden aims to promote green and blue roofing, reducing carbon emissions, benefiting air and water quality, increasing energy efficiency and supporting biodiversity.



BALI

www.bali.org.uk

The British Association of Landscape Industries is an industry body which aims to build relationships across the sector; to help members expand their networks and to provide additional support and opportunities for greater learning and understanding.

As an Accredited Member we benefit from belonging to a community of like-minded individuals who share a passion for landscaping and environmental stewardship.

The association serves as a platform for networking, allowing members to connect with fellow professionals, industry experts, and potential clients.



TGA

www.turfgrass.co.uk

Formed in 1995, the Turfgrass Growers Association is made up of 24 growers producing up to 70% of the cultivated turf grown in the British Isles.

It lobbies government and water companies, supports landscaping issues across the sector and is at the forefront of raising the standard of cultivated turf supplied to professional and domestic customers.



RHS – PLANTS FOR POLLINATORS www.rhs.org.uk

Pollinators are in decline. Gardeners and landscapers can help by planting wildflowers that provide forage for a wide variety of pollinating insects.

The Royal Horticultural Society has selected a range of year-round flowering *Plants for Pollinators* to help tackle the decline in pollinator numbers. The RHS has also launched the *Plants for Pollinators* logo to encourage gardeners to grow more of them. As a key supplier to both domestic gardeners and the wider horticulture industry we care passionately about our pollinators and believe gardens can play a key role in reversing their decline.



FORS www.fors-online.org.uk

The Fleet Operator Recognition Scheme is a voluntary accreditation programme designed to improve standards in the road transport industry.

FORS assesses and recognises fleet performance in key areas: environmental impact, safety, and operational efficiency. As an accredited Silver FORS operator, we have chosen to work to improve the standards across our fleet. We have set high standards for safety, efficiency, environmental protection, and overall excellence across our fleet operations.



ISO www.iso.org

Harrowden has achieved The International Organisation for Standardisation Accreditations; 9001, 14001 and 45001 which reflect the work done within the business in Customer Service, Accounting and Business Continuity.

ISO 9001 relates to a clearly defined set of business processes and the documentation to support them.

ISO 14001 is a series of standards that relate to environmental management. They are designed to help organisations to minimise their environmental impact; use resources more efficiently; comply with environmental legislation and to improve their environmental performance.

ISO 45001 relates to global standards for Occupational Health & Safety Management Systems that provides a practical solution to improve the safety and health of staff and personnel.



NFRC www.nfrc.co.uk

Harrowden has joined The National Federation of Roofing Contractors to support the growing emphasis on sustainable construction and the new mandatory requirement for biodiversity net gain.

As one of the leading growers and suppliers of the living components for green roof systems in the UK, Harrowden is ideally positioned to assist roofing contractors, whether they are experienced installers or exploring this area for the first time.

Our range of sedum and wildflower blankets, trays, plug plants, and various substrates allow us to meet a wide array of specifications. Additionally, for contractors venturing into green roofing for the first time, Harrowden can offer accredited CPD Technical Training courses for Sedum Green Roofs and wildflower turf.



ETP www.turfgrassproducers.eu

The European Turfgrass Producers (E.T.P.) is the only European association dedicated to turf producers and their suppliers. Natural turf is the ecologically sustainable surface for sports, landscapes and gardens. As Europe's leading organisation for turf growing professionals, ETP is committed to endorsing natural turf for its ecological and aesthetic advantages. The association facilitates learning and collaboration through annual farm tours and a significant turf and machinery exhibition. The association also promotes industry growth and sustainable practices among its members.

ETP is open to all turf growers, from any country, interested in supporting ETP's mission and who share its spirit and ethos.





TRANSPORT AND COLLECTIONS

TRANSPORT INTEGRAL TO OUR OPERATION - SAFER, SMARTER AND GREENER

With responsibility for more than 100 vehicles our Transport Team is an integral part of Harrowden. They manage a range of vehicles from tractors to pick-ups, mules to Moffets and all our drivers and operators. The team is also responsible for organising routes and loads for our own trucks and drivers across the country and for the organisation of national customer deliveries through our transport partners and national pallet networks.

With a fleet comprising 14 DAF trucks, Harrowden vehicles can be seen every day on the UK motorway network as well as travelling locally from farm to depot and depot to you. Each of our trucks is equipped with Moffets allowing us to self-load and unload quickly and efficiently. We aim to keep our trucks and drivers at the forefront of technology and professionalism. Technically we have invested in the *Cubo* system to keep track of our trucks and your turf. It represents state-of-the-art tracking and updates every 60 seconds meaning better information and greater efficiency.

Using 3D 360-degree cameras and a full CAN bus-controlled fuel smart system we can also monitor driver behaviour, traffic conditions and MPG with idling monitoring and cruise control usage helping to inform our training, support a more efficient fleet and improve safety.

We are FORS (Fleet Operator Recognition Scheme) accredited to Silver level. FORS is a voluntary accreditation scheme that demonstrates high-performance and the commitment to industry-leading best practice.

Our team of 17 drivers, schedulers and a dedicated manager have been integral to the achievement of our ISO accreditation.

Overall, the business attained ISO 9001, 14001 and 45001 which reflect the work done across key areas of the

business including Transport and Customer Service and Compliance.

COLLECTION DEPOTS FELTWELL, SOUTHPORT, KETTERING, RUNCORN, AND EDINBURGH

We have depots all over the country that together cover a wide area -

- Scotland,
- East Midlands,
- Norfolk
- North-West & Cheshire.

Our depots are specifically designed to help you pick-up your order rather than have it delivered.

- All our depots have forklifts to help with loading.
- You can also meet some of our team and see more of our product range from pegs to plug plants, turf to topsoil.
- Our turf is harvested fresh every day and delivered to your collection point.
- If you are collecting a turf order, the area for installation should be completely prepared prior to pick up.

If you decide you would prefer to pick up your order the process is very simple. You can either:

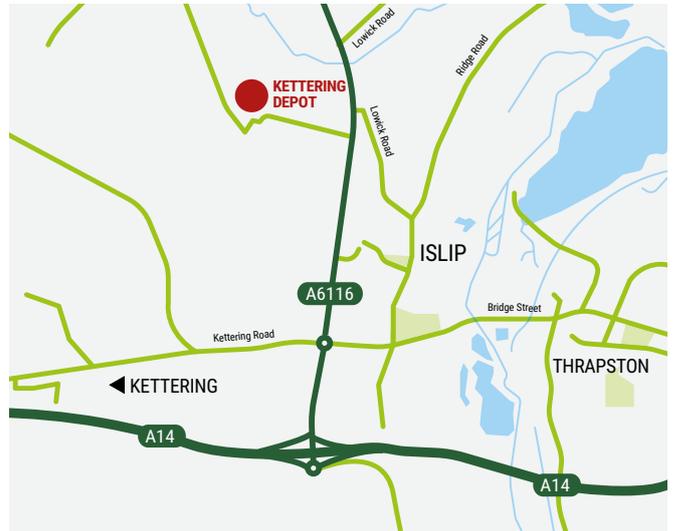
- Call us to place your order.
- Let us know you would like to collect, and from where.
- We will then give you confirmation which details the location and date for you to organise pick-up.

Or: -

- Place your order via www.turfonline.co.uk
- Choose to "collect"
- Confirm the depot location you will collect from
- We will then give you a confirmation which details the location and date for you to organise pick-up.

Below is a list of our five depot locations from where you can purchase or order most of our products – and they go well beyond our normal turf, wildflower turf, sedum, seed and topsoil. Our depots do work to slightly different hours so depending on your chosen location please make sure you have checked where and when your order will be available.

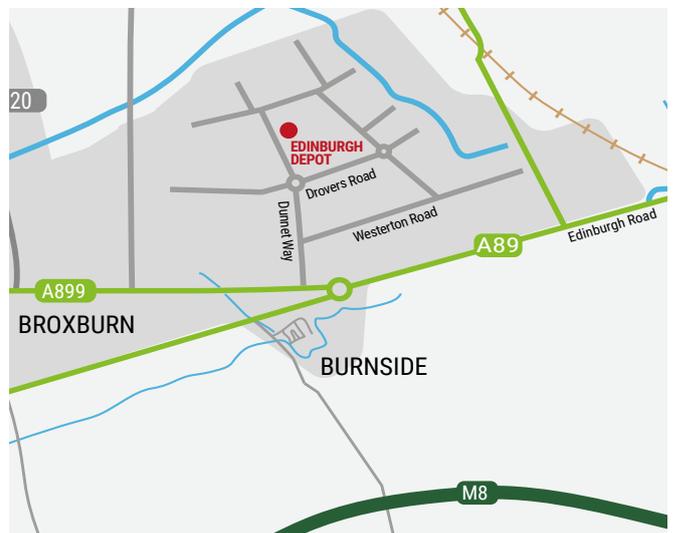
To find out more about your local collection point, give us a call on 01832 777100



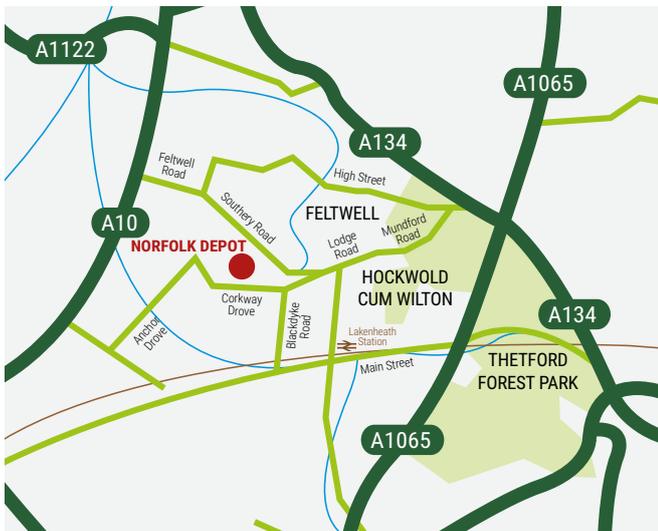
Kettering (Northants) /// HARMLESSLY.SCORES.LAUNCHED
Colpmans Farm, Islip, Kettering, NN14 3LT



Southport (Lancashire) /// FIRE.UNSPOILED.SECRET
Moss Farm, Heathey Lane, Southport, PR8 5JD



Edinburgh (Scotland) /// COMMUNITY.HANDY.FACTORY
14 Dunnet Way, East Mains Industrial Estate, Edinburgh EH52 5NN



Feltwell (Norfolk) /// TINTED.SPELLINGS.HOTDOG
Shrubhill Tarm, Corkway Drove, Feltwell, Thetford, IP26 4JR



Runcorn (Cheshire) /// LOOKED.STUD.EXIT
Picow Farm Road, Runcorn WA7 4UN



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. Our products are grown on some of the finest soil in the country. Rich and fertile, it encourages a vigorous root system that allows our turf 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 strict quality standards. Our turf is grown responsibly; we have adopted lower levels of chemical and fertiliser use, and it is plastic-free. 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 each load is harvested to order. Total peace of mind.

SELECTING THE RIGHT TURF

To make your choice easier we offer three types of turf. Our Premium Lawn Turf, our all-purpose turf; our shade-specific turf – Shadesman+ and Species Rich – perfect for creating an informal lawn that is beautiful and pollinator-friendly.

Premium Turf 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 and Chewing's Fescue.

Grown on premium quality soils from carefully chosen grass seed species, Premium Lawn Turf has a dense, dark green sward that will flatter any garden design from contemporary to cottage-style.

Our unique blend of cultivars have been carefully chosen for their year-round greenness, resistance to disease and visual merit. By selecting seed cultivars that score highly in each area, we ensure a well-balanced and all-round premium turf. We use modern Tetraploid Ryegrass which helps create a future-proof turf – suitable for a range of applications and capable of coping with changing climate conditions.

Premium Turf is strong enough to handle the harsh weather too, meaning that you can rely on your turf in the cold winter months. We strongly recommend using a pre-turfing fertiliser when installing Premium Turf.

**YOU CAN'T GROW
THE FINEST LIVING
LANDSCAPING IN
FACTORY CONDITIONS -
SO OUR TURF IS GROWN
ON SOME OF THE BEST-
KEPT FARMLAND IN THE
COUNTRY.**



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

Hardwearing, slow-growing and shade-tolerant, Shadesman+ turf is the ideal groundcover for gardens where trees, fences or buildings cast their shadows for part of the day.

Shadesman+ is the result of decades of careful seed selection and plant breeding – it has been refined, improved and domesticated to become a well behaved and beautiful lawn grass.

Shadesman+ turf looks and feels just like a normal lawn but won't lose its colour or its vigour in low light conditions.

Species Rich is a blend of 11 slow growing grasses and 33 native and naturalised wildflowers perfect for creating an informal lawn that is hardwearing, incredibly easy to care for and a real asset to biodiversity.

The result is a multi-coloured carpet of plants just right for relaxing or playing on. Meadowmat® Species Rich only needs mowing every other week. But it won't grow more than ankle height. It's specially designed for a relaxed maintenance regime.

The specially selected grasses ensure full coverage all year round – even in winter. In summer, Meadowmat® Species Rich will keep its colour for longer than a standard grass lawn and will recover from drought much quicker.

Install Meadowmat® Species Rich just like standard lawn turf. It needs to be laid onto prepared soil. Species Rich can tolerate slightly more nutrient rich soils. Please keep your new lawn watered until the roots are well established.

“ TOP QUALITY TURF, VERY GREEN AND CUT WELL. MY LANDSCAPER IS GOING TO RECOMMEND IT TO ALL HIS CUSTOMERS. DELIVERY WAS PROMPT, AND THE DRIVER WAS VERY HELPFUL, AND LOCATED PALLETS WHERE WE ASKED HIM. ”

G. Woods (2023)

“ IT'S ABSOLUTELY WORTH BUYING THE BEST TURF YOU CAN, THE PREMIUM TURF WAS HEALTHY WHEN DELIVERED AND UNWRAPPED BEAUTIFUL DARK GREEN, WITH DAILY CARE THE TURF BEING DOWN FOR 10 DAY HAS GROWN SO MUCH IT WON'T BE LONG BEFORE IT'S FIRST CUT. ”

A. Newman (2025)



SPECIFICATIONS: PREMIUM TURF

Premium Turf grown to BS3969

- **PRODUCT ORDER CODE** Turf-S6
- **STANDARD SIZE** 1m²
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** 10m² or 20m² are available on request. Laying equipment for large format rolls is available to hire.

All measurements are approximate and taken when harvested.

■ GROWTH

Harrowden Premium Turf is grown for approximately 12 months and is produced without plastic netting. The inclusion of the decade's most significant progress in perennial ryegrass breeding, Tetraploid Ryegrass brings new levels of stress resistance as well as excellent summer and winter greenness. 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 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*** Perennial Ryegrass
Slender Creeping Red Fescue
Strong Creeping Red Fescue
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-LEAFED PERENNIAL RYEGRASS, SLENDER CREEPING RED FESCUE, STRONG CREEPING RED FESCUE 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.

Outstanding tolerance to Fusarium, Red Thread and Dollar Spot.

Compatible with most growing mediums found throughout the UK.

IDEAL FOR:

HIGH QUALITY LANDSCAPE AREAS

COMMERCIAL LANDSCAPING

DOMESTIC LAWNS

GOLF TEES

HARDWEARING AMENITY

WHAT'S IN OUR PREMIUM LAWN TURF*

PERENNIAL RYEGRASS

SLENDER CREEPING RED FESCUE

STRONG CREEPING RED FESCUE

CHEWING'S FESCUE

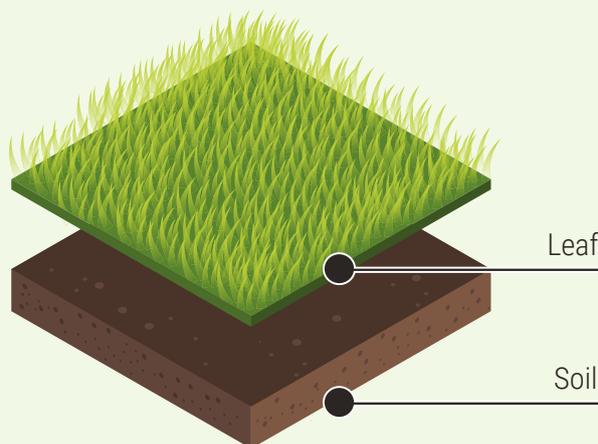
**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden makes every effort to ensure the presence of Poa Annua is kept to a minimum, however we cannot guarantee that any turf is Poa Annua free on delivery, either post or pre-emergent.*



100% Grasses



PLASTIC FREE



SPECIFICATIONS: SHADESMAN+ TURF

- **PRODUCT ORDER CODE** TURF-S8
- **STANDARD SIZE** 1m²
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 Shadesman+ Turf 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 shade tolerant and slow growing. Harrowden Shadesman+ 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*** Poa Supina
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 SHADE TOLERANT AND SLOW GROWING.

FEATURES: SHADESMAN+ TURF

■ FEATURES

- Extremely high shade tolerance.
- 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+ TURF

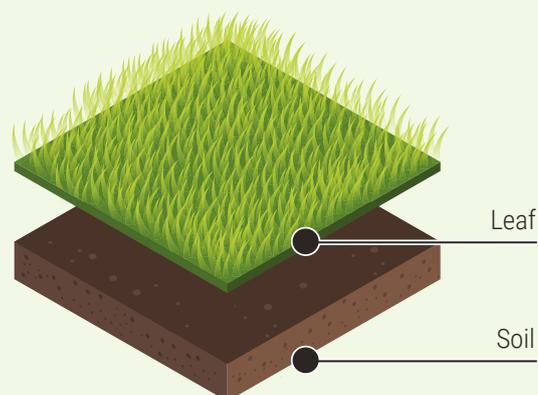
POA SUPINA
POA PRATENSIS

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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


BRITISH GROWN

PLASTIC FREE



SPECIFICATIONS: SPECIES RICH TURF

- **PRODUCT ORDER CODE** MEAD-SR
- **STANDARD SIZE** 0.5m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- **ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- **SOIL THICKNESS** 15mm to 25mm (0.59" to 0.98")
- **WEIGHT PER M²** 18kg – saturated weight may be up to 22kg
- **GRASS HEIGHT ON DESPATCH** Approx. 40mm (1.5")

All measurements are approximate and taken when harvested.

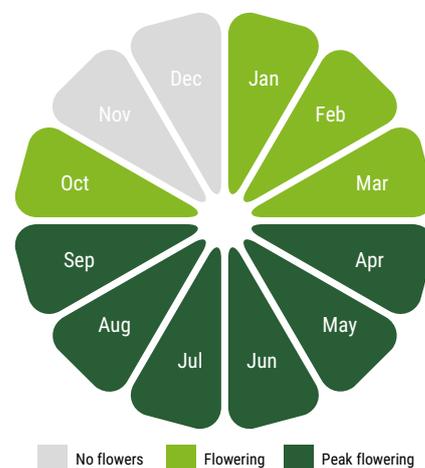
- **GROWTH** Harrowden Species Rich Lawn Turf is a blend of 11 slow-growing grasses and 33 native and naturalised wildflowers. The specially selected grasses ensure full coverage all year round. Harrowden Species Rich Lawn Turf will contain mature plants, root fibre and enough soil to maintain the plant during establishment.

- **TYPICAL SEED MIXTURE*** 75% Slow Growing Grasses
25% Native Wildflowers

- **SOIL CLASSIFICATION** Grown on free draining DEFRA classified grade 1 mineral sand or organic loams.

SPECIES RICH LAWN TURF IS A BLEND OF 11 SLOW GROWING GRASSES AND 33 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

- Brown Top Bent
- Creeping Bent
- Crested Dogstail
- Chewing's Fescue
- Perennial Ryegrass
- Rough Meadowgrass
- Sheep's Fescue
- Slender Creeping Fescue
- Smaller Cat's Tail
- Smooth Meadow Grass
- Sweet Vernal Grass
- Fernleaf Fiddleneck
- Fox and Cubs
- Germander Speedwell
- Hoary Plantain
- Lady's Bedstraw
- Meadow Buttercup
- Meadow Saxifrage
- Rough Hawkbit
- Salad Burnet
- Self Heal
- Small Scabious
- Tufted Vetch
- White Clover
- Winter Aconite
- Yarrow
- Yellow Rattle
- Autumn Hawkbit
- Birdsfoot Trefoil
- Black Medick
- Bladder Campion
- Bugle
- Common Catsear
- Common Daisy
- Common Knapweed
- Common Mouse-ear
- Common Sorrel
- Cowslip
- Creeping Buttercup
- Crimson Clover
- Crosswort
- Dove's Foot Cranesbill
- Early Crocus
- Eyebright



**75% Grasses
25% Flowers**



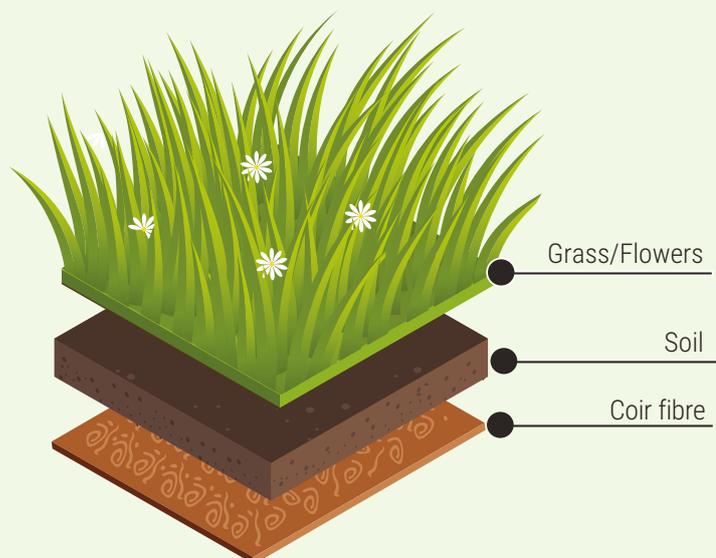
Slow Growing Grasses



**Native & Naturalised
Wildflowers**



PLASTIC FREE



**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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



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 on our proven matting system. Currently we have eight 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 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 outdoors 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

MEADOWMAT® IS A QUICK, CONVENIENT AND EASY WAY TO ESTABLISH A WILD-FLOWER AREA IN YOUR GARDEN.

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 will you put 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 slabs 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 choose 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.

“GOOD QUALITY MAT, LOOKS LIKE THERE ARE PLENTY OF FLOWERS ON IT (CAN'T WAIT UNTIL THE SPRING TO SEE). DELIVERY WAS ON TIME AND COURTEOUS.”

J. Carter (2023)



Meadowmat® exhibition display for a multinational technology company.

PHOTO: PRESENTATION DESIGN SERVICES



MEADOWMAT® FLOWERING TIMES

TRADITIONAL MEADOWMAT®

SPECIES	FLOWERING TIME											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
AUTUMN HAWKBIT												
BIRDSFOOT TREFOIL												
BLADDER CAMPION												
BETONY												
COMMON DAISY												
COMMON KNAPWEED												
COMMON SORREL												
COMMON POPPY												
COMMON VETCH												
CORNFLOWER												
CORN MARIGOLD												
GREAT BURNET												
LADY'S BEDSTRAW												
MEADOW BUTTERCUP												
MEADOW CRANESBILL												
MEADOWSWEET												
OXEYE DAISY												
RAGGED ROBIN												
RED CAMPION												
RED CLOVER												
ROUGH HAWKSBIT												
SMALL SCABIOUS												
SALAD BURNET												
SELFHEAL												
TUFTED VETCH												
WILD CARROT												
WILD MARJORAM												
YELLOW RATTLE												
YARROW												

WOODLAND SHADE MEADOWMAT®

SPECIES	FLOWERING TIME											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
BLADDER CAMPION												
COLUMBINE												
COWSLIP												
AUTUMN HAWKSBIT												
COMMON SORREL												
FIELD SCABIOUS												
FOXLGLOVE												
GERMANDER SPEEDWELL (BIRDSEYE)												
GREATER KNAPWEED												
GREATER STITCHWORT												
LADY'S BEDSTRAW												
MEADOW BUTTERCUP												
MEADOW VETCHLING												
MUSK MALLOW												
NETTLE LEAVED BELLFLOWER												
OXEYE DAISY												
PEPPER SAXIFRAGE												
PIGNUT												
RAGGED ROBIN												
RIBWORT PLANTAIN												
SELFHEAL												
WELSH POPPY												
WHITE CAMPION												
WILD MARJORAM												
WILD STRAWBERRY												
WOOD SAGE												
WOOD VETCH												
YELLOW RATTLE												

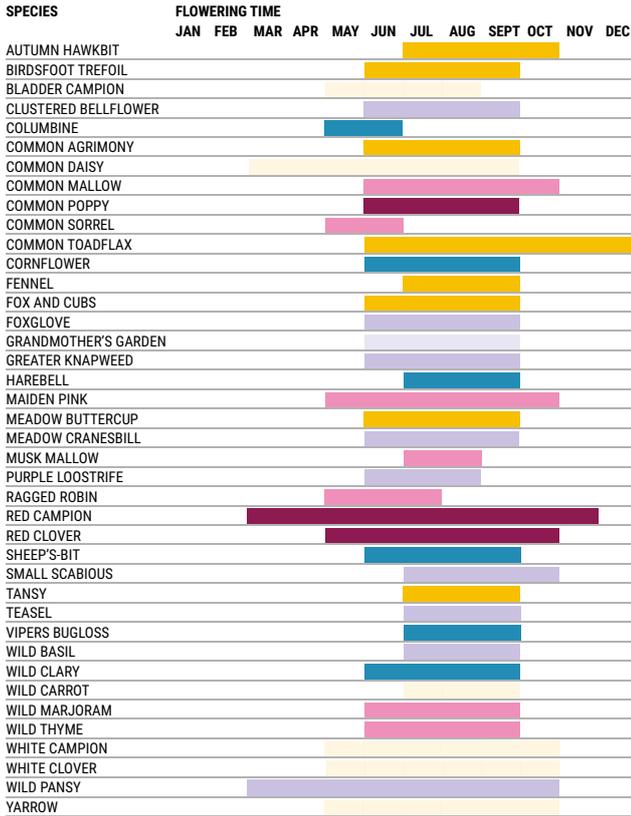
SUDS MEADOWMAT®

SPECIES	FLOWERING TIME											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
BIRDSFOOT TREFOIL												
BLADDER CAMPION												
BETONY												
COMMON DAISY												
COMMON FLEABANE												
COMMON KNAPWEED												
COMMON SORREL												
COMMON CATSEAR												
COMMON TOADFLAX												
COMMON VETCH												
COWSLIP												
CUCKOO FLOWER												
FIELD SCABIOUS												
HEDGE BEDSTRAW												
MEADOW BUTTERCUP												
MEADOW CRANESBILL												
MEADOWSWEET												
MUSK MALLOW												
OXEYE DAISY												
PIGNUT												
RAGGED ROBIN												
RIBWORT PLANTAIN												
SALAD BURNET												
SELFHEAL												
TUFTED VETCH												
CROSSWORT												
WILD CARROT												
WILD MARJORAM												
YELLOW RATTLE												
YARROW												

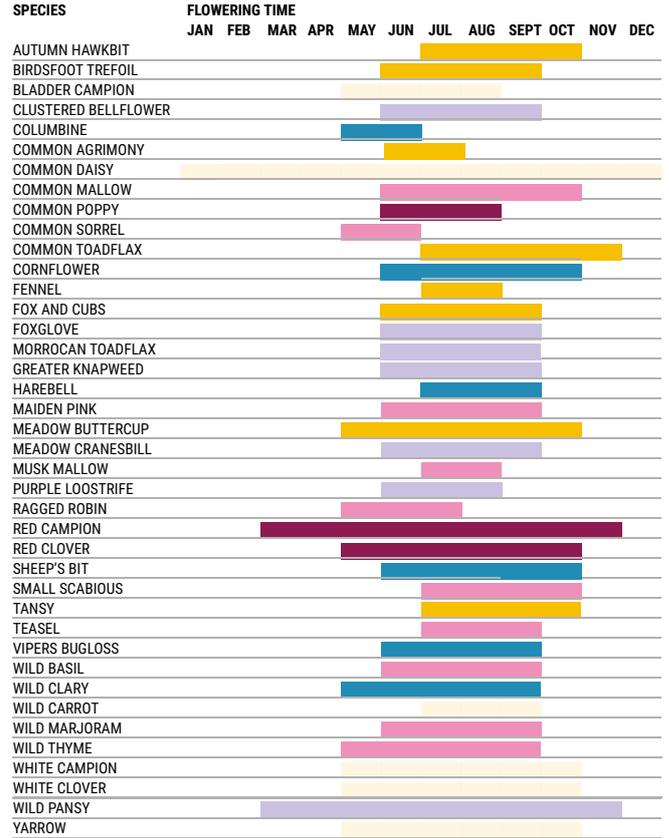
HERITAGE MEADOWMAT®

SPECIES	FLOWERING TIME											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
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												
VIPERS BUGLOSS												
WATER AVENS												
WILD THYME												
YARROW												
YELLOW RATTLE												

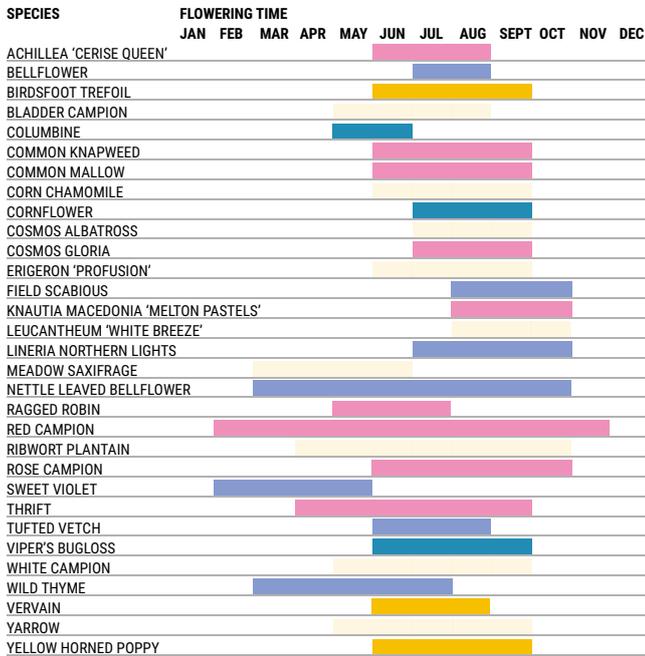
BIRDS & BEES MEADOWMAT®



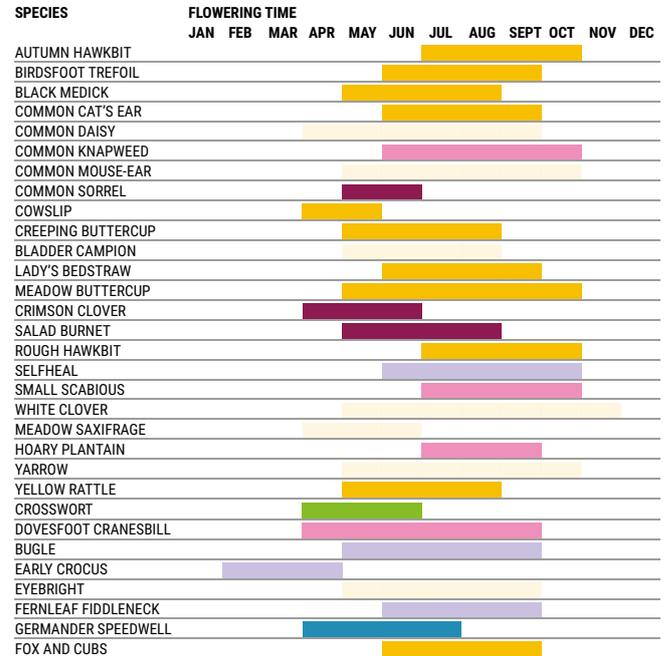
BIRDS & BEES FLL MEADOWMAT®



COTTAGE GARDEN MEADOWMAT®



SPECIES RICH TURF



Flowering times vary according to weather conditions, microclimate, plant species present and time of installation. For guaranteed summer flowers, install before the end of March. This allows plants to settle their roots and grow flowering stems.



SPECIFICATIONS: TRADITIONAL MEADOWMAT®

- **PRODUCT ORDER CODE** MEAD-ORIGINAL
- **STANDARD SIZE** 0.5m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- **ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- **SOIL THICKNESS** 20mm (0.78")
- **WEIGHT PER M²** 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.

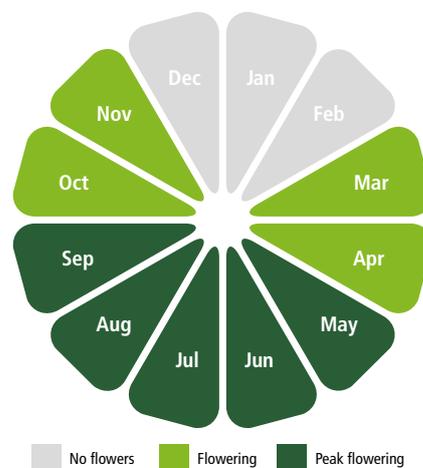
All measurements are approximate and taken when harvested.

- **GROWTH**
Harrowden Traditional Meadowmat® is a blend of 5 slow growing native grasses and 29 native and traditional wild flowers typically found in abundance before the adoption of modern farming methods. The annual species will provide interest while the others establish and the perennials will flower every year if the conditions are suitable. The specially selected grasses ensure coverage all year round. Harrowden Traditional Meadowmat® will contain mature plants, root fibre and enough soil to maintain the plant during establishment.

- **TYPICAL SEED MIXTURE*** 10% Slow Growing Grasses
90% Native and Traditional Wildflowers
- **SOIL CLASSIFICATION** Grown on a sandy loam compost based substrate

TRADITIONAL MEADOWMAT® GIVES YOU A COLOURFUL MIX OF GRASSES AND FLOWERS TO RECREATE THE WILDFLOWER MEADOWS OF YESTERYEAR IN YOUR GARDEN.

FLOWERING TIMES



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

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
- Chewing's Fescue
- Common Bent
- Quaking Grass
- Smaller Cat's-tail
- Autumn Hawkbit
- Betony
- Birdsfoot Trefoil
- Bladder Campion
- Common Daisy
- Common Knapweed
- Common Sorrel
- Common Poppy
- Common Vetch
- Corn Marigold
- Cornflower
- Great Burnett
- Lady's Bedstraw
- Meadow Buttercup
- Meadow Cranesbill
- Meadowsweet
- Oxeye Daisy
- Ragged Robin
- Red Campion
- Red Clover
- Rough Hawkbit
- Salad Burnet
- Selfheal
- Small Scabious
- Tufted Vetch
- Wild Carrot
- Wild Marjoram
- Yarrow
- Yellow Rattle

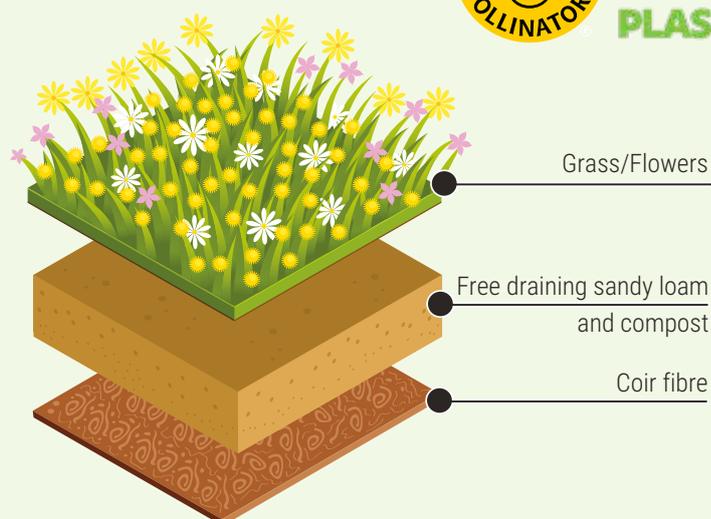
 **10% Grasses
90% Flowers**

 **Slow Growing Grasses**

 **Native & Traditional Wildflowers**



PLASTIC FREE



**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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®

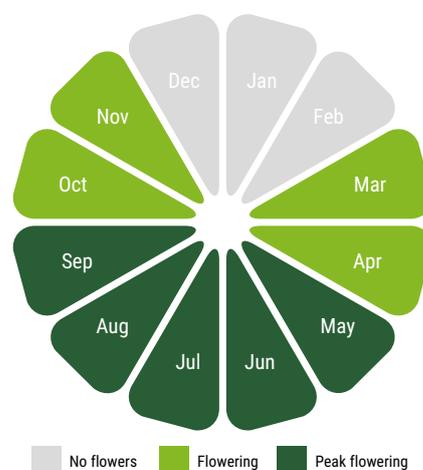
- **PRODUCT ORDER CODE** MEAD-BB
- **STANDARD SIZE** 0.5m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- **ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- **SOIL THICKNESS** 20mm (0.78")
- **WEIGHT PER M²** 20kg – saturated weight may be up to 25kg
- **GRASS HEIGHT ON DESPATCH** 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 Birds & Bees Meadowmat® is a blend of 5 slow growing grasses, 34 British native wild flowers and 6 naturalised flowers specially selected to be pollinator-friendly and beautiful. Many of the species are perennial and will flower every year if conditions are suitable. The specially selected grasses ensure coverage all year round.
Birds & Bees Meadowmat® will contain mature plants, root fibre and enough soil to maintain the plants during establishment.
- **TYPICAL SEED MIXTURE*** 10% Slow Growing Grasses
90% Native and Naturalised Wildflowers
- **SOIL CLASSIFICATION** Grown on a sandy loam and compost based substrate

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



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

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®

- Meadow Barley
- Quaking Grass
- Chewing's Fescue
- Sheep's Fescue
- Slender Creeping Red Fescue
- Autumn Hawkbit
- Birdsfoot Trefoil
- Bladder Campion
- Clustered Bellflower
- Columbine
- Common Agrimony
- Common Mallow
- Common Daisy
- Common Poppy
- Common Sorrel
- Common Toadflax
- Cornflower
- Fennel
- Fox and Cubs
- Foxglove
- Grandmother's Garden
- Greater Knapweed
- Harebell
- Maiden Pink
- Meadow Buttercup
- Meadow Cranesbill
- 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**



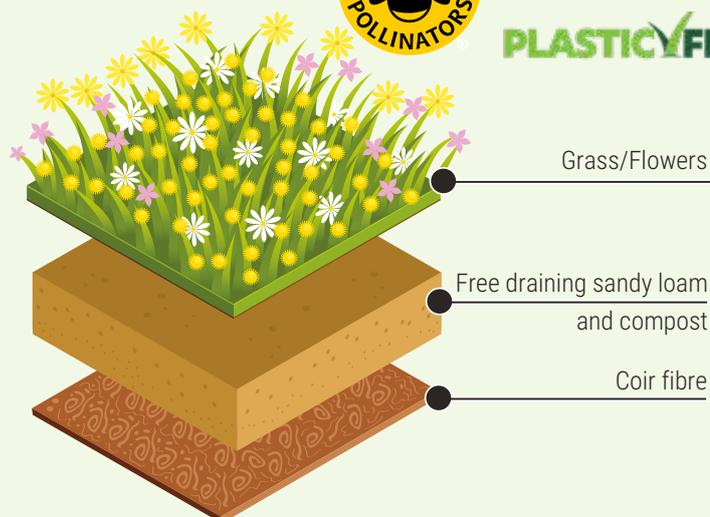
Slow-Growing Grasses



**Native & Naturalised
Wildflowers**



PLASTIC FREE



**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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®

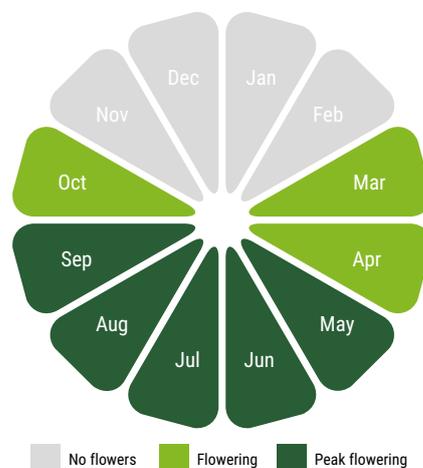
- **PRODUCT ORDER CODE** MEAD-WOODLAND
- **STANDARD SIZE** 1m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- **ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- **SOIL THICKNESS** 18mm - 20mm (0.78")
- **WEIGHT PER M²** 20kg – saturated weight may be up to 25kg
- **GRASS HEIGHT ON 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 Woodland Shade Meadowmat® is a blend of 6 slow-growing grasses and 31 native and traditional 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 Woodland Shade Meadowmat® will contain mature plants, root fibre and enough soil to maintain the plants during establishment.
- **TYPICAL SEED MIXTURE*** 20% Native Grasses
80% Native and Traditional 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



**BIODIVERSITY
NET GAIN**

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

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

AREAS OF DAPPLED SHADE AROUND TREES OR HEDGEROWS

LOW MAINTENANCE AREAS

COMMERCIAL LANDSCAPING URBAN AREAS AND PARKS DOMESTIC GARDENS

WHAT'S IN OUR WOODLAND SHADE MEADOWMAT®

- False Brome
- Chewing's Fescue
- Yellow Oatgrass
- Tufted Hairgrass
- Slender Creeping Red Fescue
- Smooth Stalked Meadowgrass
- Autumn Hawkbit
- Betony
- Bladder Campion
- Colombine
- Common Sorrel
- Cowslip
- Field Scabious
- Foxglove
- Germander Speedwell
- Greater Knapweed
- Greater Stitchwort
- Lady's Bedstraw
- Hedge Woundwort
- Meadow Buttercup
- Meadow Vetchling
- Meadowsweet
- Musk Mallow
- Nettle-leaved Bellflower
- Oxeye Daisy
- Pepper Saxifrage
- Pignut
- Ragged Robin
- Ribwort Plantain
- Selfheal
- Welsh Poppy
- White Campion
- Wild Majoram
- Wild Strawberry
- Wood Cranesbill
- Wood Sage
- Wood Vetch

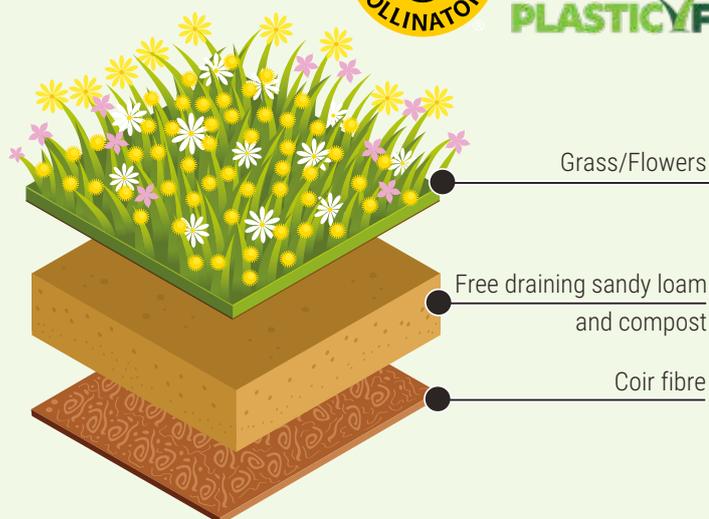
 20% Grasses
80% Flowers

 Native Grasses

 Native & Traditional Wildflowers



PLASTIC FREE



**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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
- **STANDARD SIZE** 0.5m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- **ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- **SOIL THICKNESS** 20mm (0.78")
- **WEIGHT PER M²** 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.

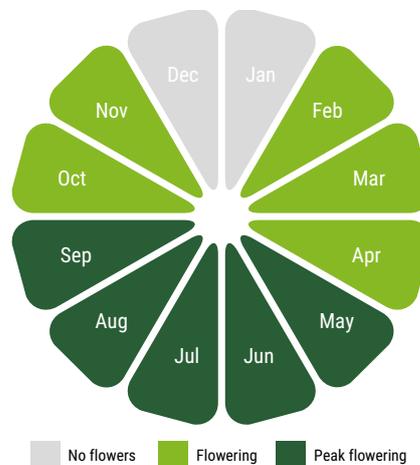
All measurements are approximate and taken when harvested.

- **GROWTH** Harrowden Cottage Garden Meadowmat® is a blend of 2 slow-growing grasses and 30 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 Cottage Garden Meadowmat® will contain mature plants, root fibre and enough soil to maintain the plants during establishment.

- **TYPICAL SEED MIXTURE*** 5% Grasses
95% Wildflowers
- **SOIL CLASSIFICATION** Grown on a loam and compost based substrate.

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



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

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
- Tufted Vetch
- Vipers Bugloss
- White Breeze
- White Campion
- Wild Thyme
- Vervain
- Yarrow
- Yellow Horned Poppy



**5% Grasses
95% Flowers**



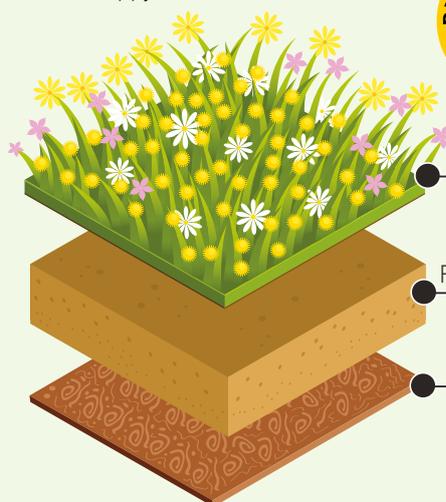
Native Grasses



Native Wildflowers



PLASTIC FREE



Grass/Flowers

Free draining sandy loam
and compost

Coir fibre

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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
- **STANDARD SIZE** 0.5m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- **ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- **SOIL THICKNESS** 20mm (0.78")
- **WEIGHT PER M²** 20kg – saturated weight may be up to 25kg
- **GRASS HEIGHT ON DESPATCH**

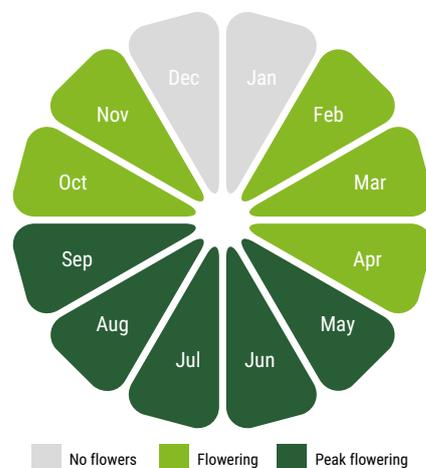
Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

All measurements are approximate and taken when harvested.

- **GROWTH** Harrowden Heritage Meadowmat® is a blend of a 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 year-round coverage. Harrowden Heritage Meadowmat® was originally designed as a quick-to-install green roofing material but is just as happy when installed on the ground. Harrowden 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 bespoke extensive 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



**BIODIVERSITY
NET GAIN**

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

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



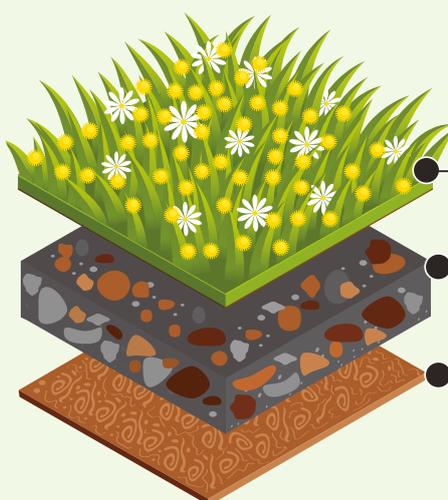
**10% Grasses
90% Flowers**



Native Grasses



Native Wildflowers



Grass/Flowers

Extensive Substrate

Coir fibre

**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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-BBFLL
- **STANDARD SIZE** 1m²
500mm wide (19.6")
2000mm long (39.3")
- **WEIGHT PER M²** 20kg – saturated weight may be up to 25kg
- **GRASS HEIGHT ON DESPATCH**

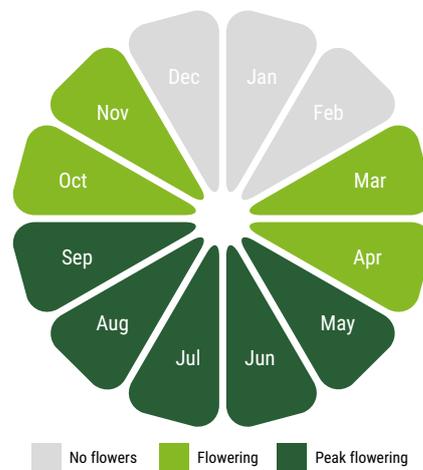
Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

All measurements are approximate and taken when harvested.

- **GROWTH** Harrowden Birds & Bees FLL Meadowmat® is a blend of 34 British native wild flowers and 6 naturalised flowers specially selected to be pollinator friendly and beautiful. Many of the species are perennial and will flower every year if the conditions are suitable. Grown on a biodegradable coir blanket, grass species are not necessary in this more colourful Meadowmat® which is also suitable for green roof installations. Birds & Bees FLL Meadowmat® will contain mature plants, root fibre and enough substrate to maintain the plant during establishment.
- **TYPICAL SEED MIXTURE*** 100% Native and Naturalised Wildflowers
- **SOIL CLASSIFICATION** Grown on bespoke extensive substrate.

WITH NO GRASSES, THIS 100% WILDFLOWER MIX IS IDEAL FOR USE ON GREEN ROOFS OR AREAS WHERE A FLORALLY FOCUSED DISPLAY OF COLOUR IS REQUIRED.

FLOWERING TIMES



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

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 biannual 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**

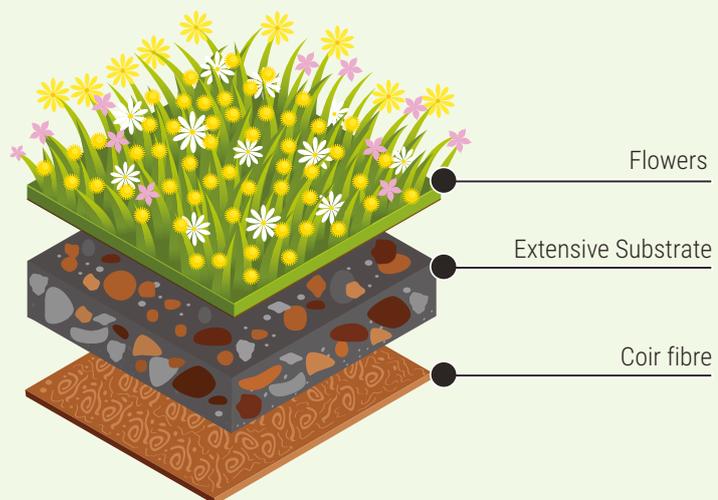
GREEN ROOFS

WHAT'S IN OUR BIRDS & BEES FLL MEADOWMAT®

- Autumn Hawkbit
- Birdsfoot Trefoil
- Bladder Campion
- Clustered Bellflower
- Columbine
- Common Agrimony
- Common Daisy
- Common Mallow
- Common Poppy
- Common Sorrel
- Common Toadflax
- Cornflower
- Fennel
- Fox and Cubs
- Foxglove
- Grandmother's Garden
- Greater Knapweed
- Harebell
- Maiden Pink
- Meadow Buttercup
- Meadow Cranesbill
- 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



**100% Native &
Naturalised Flowers**



**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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
- **STANDARD SIZE** 0.5m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- **ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- **SOIL THICKNESS** 20mm (0.78")
- **WEIGHT PER M²** 20kg – saturated weight may be up to 25kg
- **GRASS HEIGHT ON DESPATCH**

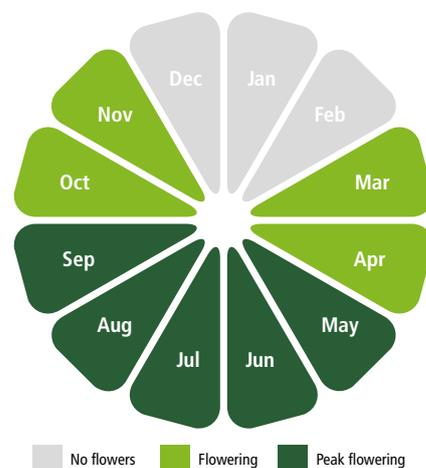
Approx. 100mm (4"). The product is mown before despatch to minimise damage to plants. It will not be in flower when it is delivered.

All measurements are approximate and taken when harvested.

- **GROWTH** Harrowden SuDS Meadowmat® is a blend of 5 native grasses and 32 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 ensure year round coverage along with strong rooting to aid soil stability. SuDS Meadowmat® was originally developed for Sustainable Urban Drainage Systems but it 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.
- **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®

- Chewing's Fescue
- Meadowsweet
- Rough Stalked Meadowgrass
- Musk Mallow
- Smaller Catstail
- Oxeye Daisy
- Slender Creeping Red Fescue
- Pignut
- Tufted Hairgrass
- Ragged Robin
- Ribwort Plantain
- Rough Hawkbit
- Salad Burnet
- Selfheal
- Betony
- Tufted Vetch
- Birdsfoot Trefoil
- Wild Carrot
- Bladder Campion
- Wild Marjoram
- Common Catsear
- Common Fleabane
- Common Daisy
- Yarrow
- Common Knapweed
- Yellow Rattle
- Common Sorrel
- Common St John's Wort
- Common Toadflax
- Common Vetch
- Cowslip
- Crosswort
- Field Scabious
- Hedge Bedstraw
- Cuckoo Flower
- Meadow Buttercup
- Meadow Cranesbill



**50% Grasses
50% Flowers**



Native Grasses



Native wildflowers



**As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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 AND GROUND COVER

At Harrowden, we began growing sedum blankets over 25 years ago. Since then, we have continued to develop new products and in 2018 we launched HS150, our Extensive Sedum Green Roof Blanket.

Sedum matting was developed in the 1960s for use on commercial roofs. It is now more popular than ever. This is undoubtedly due to the rising awareness of living ecologically and global sustainability. Green roofs 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 hostile environment on top of a roof. Sedum flowers appear in summer and are nectar rich. They are particularly attractive to butterflies, but all pollinating insects will benefit. In winter our sedum species keep their leaves which turn a lovely shade of red.

Our original Enviromat® Sedum Mat is grown on a geotextile mat that is perfect for lightweight retrofit solutions on flat roofs and timber garden buildings. As sedum roofs have become more popular many new buildings have been designed with a green roof in mind. This has led us to develop 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 easier and quicker than planting the equivalent number of plug plants – and, because our mats have at least 95% plant coverage, there's no waiting for the plants to grow big enough to fill in the gaps.

**“ EXCELLENT ROLLS,
EASILY LAID AND
WHICH VERY QUICKLY
BEGAN TO LOOK LIKE A
PROPER CARPET. ”**

M. Sherwin (2023)





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 into 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 and gives very satisfying results.

Garden – HS150 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.

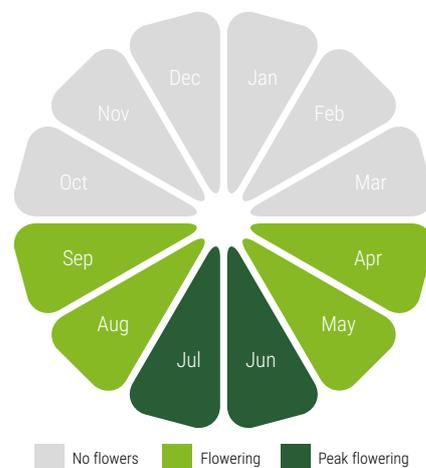
General Amenity – Enviromat® sedum can be used as low cost maintenance for road verges, central reservations and roundabouts.

SPECIFICATIONS: ENVIROMAT® SEDUM MAT

- **PRODUCT ORDER CODE** ENV-STANDARD
- **KIT VERSION CODES** ENV-PITCHED ROOF, ENV-FLAT ROOF
- **STANDARD SIZE** 1m²
1000mm wide (39.4")
1000mm long (39.4")
- **THICKNESS** 34mm to 44mm (1.34" to 1.73")
- **SEDUM ROLL WEIGHT** 20kg – saturated weight may be up to 44kg
- **ROOF LOADING** 120kg/m² - 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 up to 18 drought loving succulents integrated into an easy to handle 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 ground cover. Enviromat® will contain mature plants with at least 90% coverage.
- **TYPICAL SEED MIXTURE** 100% Sedum
- **SOIL CLASSIFICATION** Grown on bespoke extensive substrate.

ENJOY THE WONDERFUL TEXTURAL QUALITIES OF ENVIROMAT® FOLIAGE ALL YEAR ROUND AND HAVE THE ADDED BONUS OF LONG LASTING SUMMER FLOWERS.

FLOWERING TIMES



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

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:

**A TRUE LIGHTWEIGHT
GREEN ROOF SOLUTION**

**RETROFITTING TO EXISTING
FLAT AND PITCHED ROOFS**

GROUND COVER

COMMERCIAL LANDSCAPING

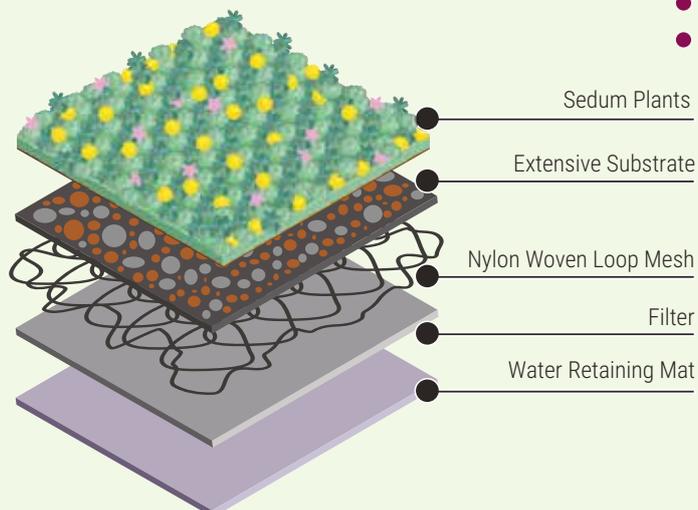
URBAN AREAS AND PARKS

DOMESTIC GARDENS

**SUNNY AREAS WHERE
OTHER PLANTS MAY
STRUGGLE TO SURVIVE**

WHAT'S IN OUR ENVIROMAT® SEDUM MAT

- 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)



As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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

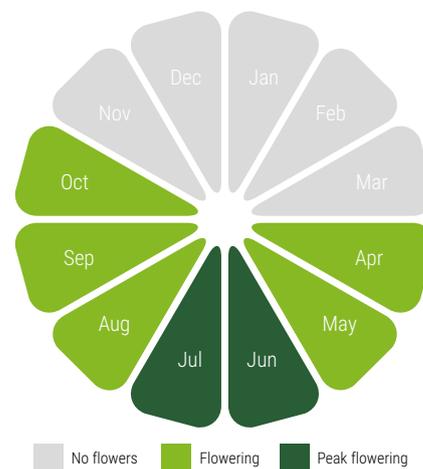
- **PRODUCT ORDER CODE** ENV-HS150
- **STANDARD SIZE** 0.5m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- **ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- **SUBSTRATE THICKNESS** 20mm (0.78")
- **WEIGHT PER M²** 20kg – saturated weight may be up to 25kg
- **VEGETATION HEIGHT 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** 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.
- **TYPICAL SEED MIXTURE** 100% Sedum
- **SOIL CLASSIFICATION** Grown on bespoke extensive 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



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

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 waterlogged areas. Sedum plants cannot survive in waterlogged conditions.

IDEAL FOR:

GROUND COVER

BIODIVERSE LANDSCAPING SCHEMES

BANKS AND SLOPED AREAS UP TO 65 DEGREES

GREEN ROOF SYSTEMS

AROUND PONDS

LOW MAINTENANCE AREAS

COMMERCIAL LANDSCAPING

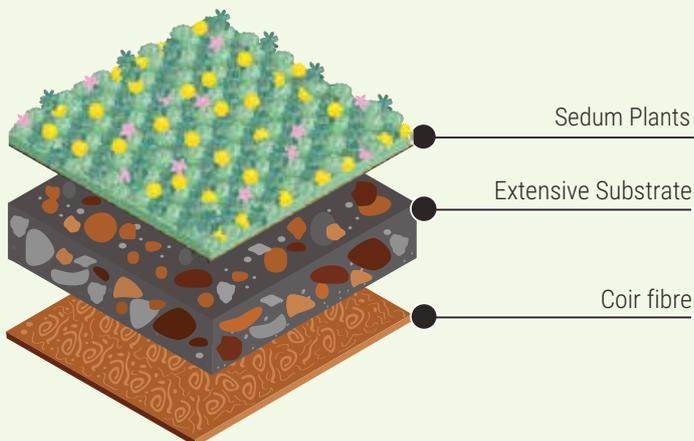
URBAN AREAS AND PARKS

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 granulata)



As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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.



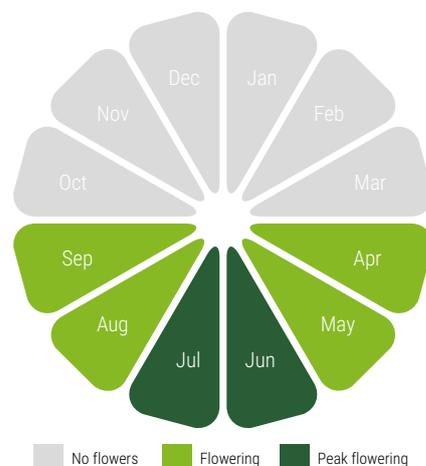
SPECIFICATIONS: ENVIROMAT® PITCHED ROOF KIT

- PRODUCT ORDER CODE** ENV-PITCHED ROOF
- KIT COMPONENTS** Enviromat® Sedum Mat - ENV-STANDARD
Polythene Root Barrier - ENV-POLYTHENE
Also available separately
- STANDARD SIZE** 1m²
1000mm wide (39.4")
1000mm long (39.4")
- 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/m² - 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.
- GROWTH** Enviromat® is a mix of 18 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 extensive substrate.

All measurements are approximate and taken when harvested.

EASY TO INSTALL AND MAINTAIN WITH ALL THE BENEFITS OF GREEN ROOFING WITHOUT WAITING FOR SEEDS OR PLUG PLANTS TO DEVELOP.

FLOWERING TIMES



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

FEATURES: ENVIROMAT® PITCHED ROOF 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.

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.

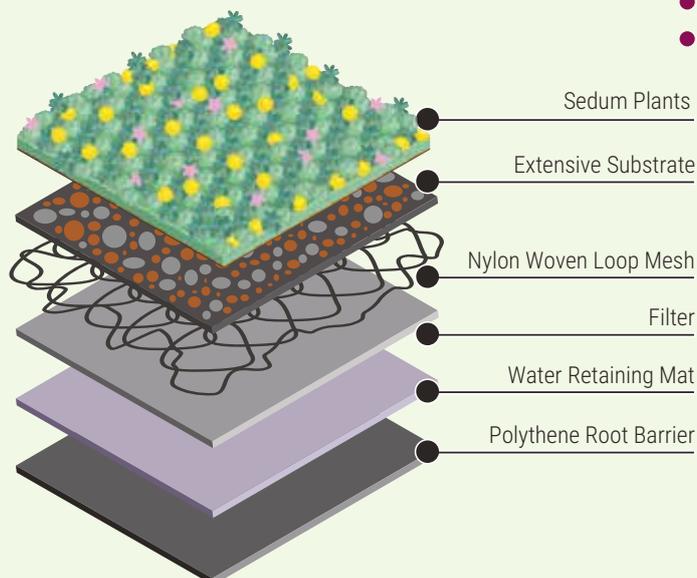
A TRUE LIGHTWEIGHT GREEN ROOF SOLUTION.

REQUIRES A SMOOTH NON-CORRUGATED SURFACE.

GROUND INSTALLATION ON SLOPED SOLID SURFACES

WHAT'S IN OUR ENVIROMAT® PITCHED ROOF KIT

- 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)



As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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.

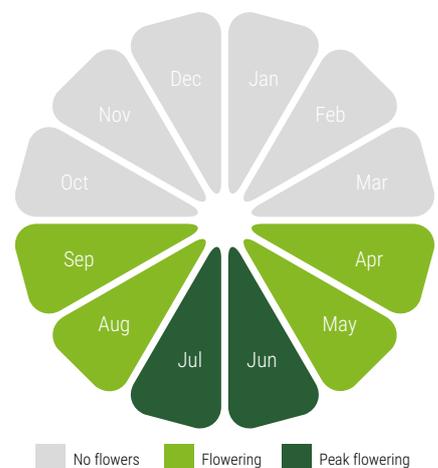


SPECIFICATIONS: ENVIROMAT® FLAT ROOF KIT

- PRODUCT ORDER CODE** ENV-FLAT ROOF
 - KIT COMPONENTS** Enviromat® Sedum Mat - ENV-STANDARD
 Enviromat® Drainage Mat - ENV-DRAINAGE MAT
 Polythene Root Barrier - ENV-POLYTHENE
Also available separately
 - STANDARD SIZE** 1m²
 1000mm wide (39.4")
 1000mm long (39.4")
 - OVERALL THICKNESS OF KIT** 50mm (1.97")
 - SEDUM ROLL WEIGHT** 5kg – saturated weight may be up to 44kg
 - ROOF LOADING REQUIREMENT** 120kg/m² - accounts for weight of product plus extra for snow loading or a person walking on the roof for installation or 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 18 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 drainage reducing exposure to waterlogging. Enviromat® will contain mature plants with at least 95% coverage.
 - TYPICAL SEED MIXTURE** 100% Sedum
 - SOIL CLASSIFICATION** Grown on bespoke extensive 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 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.

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°.

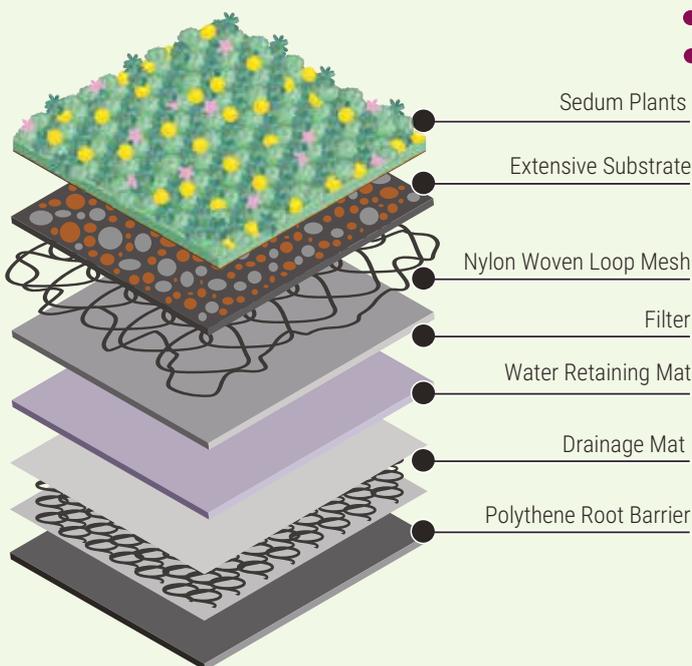
A TRUE LIGHTWEIGHT GREEN ROOF SOLUTION.

REQUIRES A SMOOTH NON-CORRUGATED SURFACE.

GROUND INSTALLATION ON FLAT LEVEL SOLID SURFACES.

WHAT'S IN OUR ENVIROMAT® FLAT ROOF KIT

- 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)



As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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.

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



SPECIFICATIONS: SEDUM GROUND MAT KIT

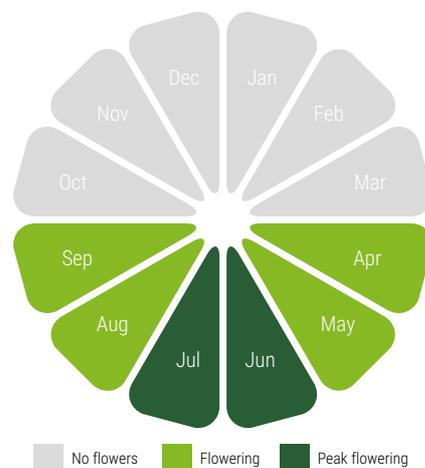
- PRODUCT ORDER CODE** ENV-HS150 GROUND KIT

KIT COMPONENTS Sedum Mat HS150 - ENV-HS150
Water Retention Mat - ENV-WRM
Also available separately
- STANDARD SIZE** 0.5m² Slabs
500mm wide (19.6")
1000mm long (39.3")
- ALSO AVAILABLE** 1.0m² Rolls
500mm wide (19.6")
2000mm long (78.7")
- SUBSTRATE THICKNESS** 20mm (0.78")
- WEIGHT PER M²** 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** Harrowden Sedum Ground Mat Kit is a mix of 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 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 water retention mat to ensure invasive weeds are kept at bay and also provides additional water storage during dry periods. 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 extensive substrate.

IDEAL IN PLACES WHERE MAINTENANCE IS DIFFICULT LIKE POND SURROUNDS, SLOPES AND THE 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 waterlogged 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

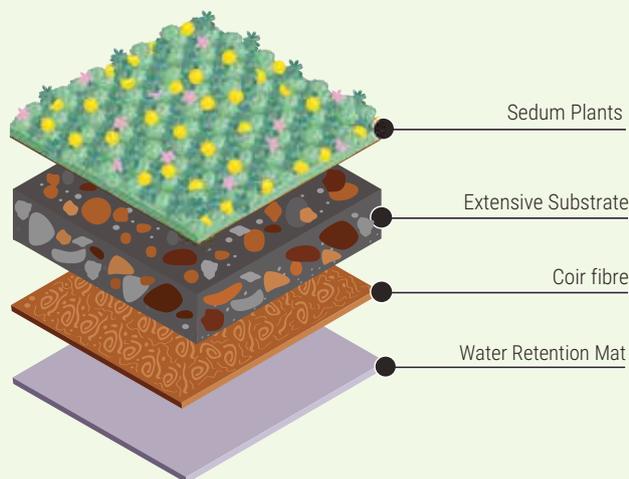
DOMESTIC GARDENS

SUNNY AREAS

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)



As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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.

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



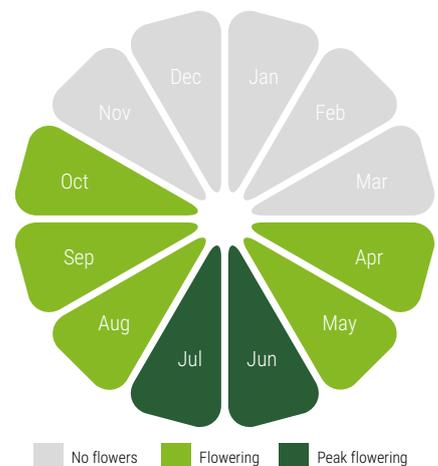
SPECIFICATIONS: LIGHTWEIGHT SEDUM TRAYS

- **PRODUCT ORDER CODE** ENV-TRAYSMALL
- **STANDARD SIZE** 0.22m² - 4.5 trays required per square metre
 460mm wide (18.1")
 495mm long (19.4")
 80mm deep 10mm to 15mm (3.1")
- **WEIGHT** 10kg – saturated weight may be up to 12kg
- **VEGETATION HEIGHT** Vegetation height on despatch is approx. 40mm (1.5") 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.
- **GROWTH** Harrowden Lightweight Sedum Trays contain a blend of 16 drought loving plants. The sedum species selected have been chosen to provide varied colour and texture throughout the seasons. These plants are grown in the tray and as such are fully integrated into the substrate. Harrowden Lightweight Sedum Trays provide the growing medium, filtration and water storage required for a successful green roof. The main advantage over other systems is their speed and convenience of installation. Harrowden Lightweight Sedum Trays contain mature plants with full coverage at the time of despatch. Although this system was originally designed for green roof applications, they can also be installed onto the ground on a free draining surface to create self-contained ground cover. These trays contain UK grown sedum plants.
- **TYPICAL SEED MIXTURE** 100% Sedum
- **SOIL CLASSIFICATION** Contains bespoke growing medium with 40% organic material.

**CREATE AN
INSTANT GREEN
ROOF WITHOUT
ANY OF THE FUSS.**

FLOWERING TIMES



**The RHS Plants for Pollinators mark is only given to plants that support pollinating insects. Find out more at [rhs.org.uk/plantsforpollinators](https://www.rhs.org.uk/plantsforpollinators)

FEATURES: LIGHTWEIGHT SEDUM TRAYS

■ FEATURES

Self-contained, pre populated sedum trays for instant results

No additional substrate required

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

IDEAL FOR:

GREEN ROOF SYSTEMS

AROUND PONDS*

LOW MAINTENANCE AREAS

DOMESTIC GARDENS

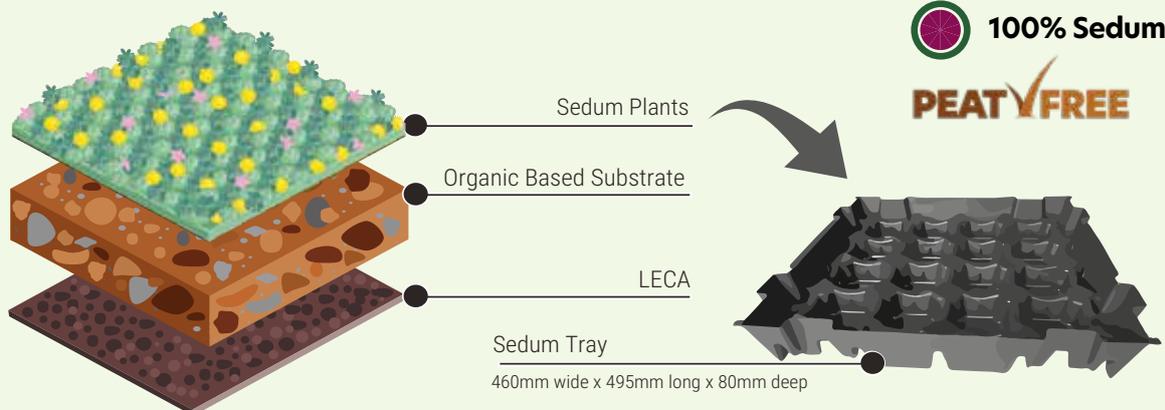
SUNNY AREAS WHERE OTHER PLANTS MAY STRUGGLE TO SURVIVE

Please Note: It is recommended to use a protection layer directly under the trays when installing onto a roof.

* Must not be installed directly into water or areas of constant wet.

WHAT'S IN OUR SEDUM TRAYS

- Sedum acre
- Sedum acre 'oktoberfest'
- Sedum album
- Sedum floriferum
- Sedum hispanicum
- Sedum hybridum 'Czar's Gold'
- Sedum montanum ssp. orientale
- Sedum montanum
- Sedum pulchellum
- Sedum oreganum
- Sedum reflexum
- Sedum ellacombianum
- Sedum selskianum 'Goldilocks' (true)
- Sedum sexangulare
- Sedum spurium var. coccineum
- Sedum stoloniferum



As sown. The actual percentage of each species contained may vary due to environmental factors. Harrowden 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.



INTRODUCING OUR SEEDS, PLANTS & BULBS RANGE

MEADOWMAT® WILDFLOWER

Whilst Meadowmat Wildflower Turf is the fastest way to establish a wildflower meadow; plants, bulbs and seeds can help you customise your wildflower meadow as well as add an extra dimension to the planting in your garden. Planned carefully you can enjoy colour and variety all year round.

With the option of seeds, bulbs or plants you can also decide whether you want instant colour, the anticipation of colour to come or the joy of creating your own seedlings.

We have put new focus onto our seed production taking the unprecedented step of setting up and controlling our own wildflower seed production, storage and despatch. We continue to work with customers and professional organisations to develop specifications and provenance, but our own seeds and seed mixes we have taken complete ownership of our seed production throughout providing real traceability and accountability.

So, we are growing our own plants, cleaning our own seeds and bringing our own seeds to market.

It is the only way we can be sure of real traceability and be confident of the quality and the mix composition.

We believe robust seed production is the foundation of successful wildflower cultivation. The ultimate goal is to produce seeds that are genetically diverse, viable, and completely traceable.

So, we understand that there is a built-in satisfaction to creating your own plants from seed. We would also be the first to recognise that growing from seed needs more knowledge and starting from scratch can be a little more intimidating. When to plant, how deep, when to plant out.... It all demands a little more but something will come up – just wait. It will happen.

Of course, the best way is to adopt all three. Plants will bring an instant hit of colour and diversity to your garden. Bulbs can then follow up with new plants later in the season and seeds will bring the extra satisfaction and give you work to do in the garden whilst the others mature.

As part of our wildflower mixes, we use Rehofix MK1500 corn skin granules as a carrier. It is natural, biodegradable and

helps to spread the seeds themselves. Just make sure you have shaken the seed pouch before spreading to thoroughly mix the two.

When choosing varieties for our mixes, we consider their origin, flowering time, biodiversity and their natural habitat. This means we can develop Harrowden mixes that are ideally suited to a wide range of applications, soil types and aspirations.

Beyond our standard mixes we can also supply bespoke mixtures tailored to your exact requirements. Please get in touch for more details.

Annual: With a mixture of annuals and perennials you can extend the blooming season in your garden and try different colour combinations each year. Annuals are all about shock and awe – a great display, all season long but only once a year.

Perennial: For maximum colour and minimum effort perennials are the way to go. Without too much effort, and provided they suit your soil and conditions, they should return every year giving your garden colour all year round. Find your own particular favourite within our range or take the plunge and introduce your garden to new species, colours and blooms. Their season may be shorter, but they need less work and can be better value. Put those benefits together with the aeration and long-term nutrient supply that their roots can bring to your garden and perennials look like star-performers. But, as ever, it's all down to conditions. Understand your soil, the conditions in your garden and the conditions that your favoured perennial prefers and all should be well.

Grasses

Whilst annuals and perennials will take care of the colour – grasses can add subtlety, contrast and nuance. From cereal grasses to bamboos and cultivated varieties developed for a specific roles grasses are the great unsung heroes of horticulture.

Subtlety is their watchword but don't forget grasses can not only surprise they can also provide invaluable structure to your soil. They will contribute to reducing CO₂, they



will trap impurities in the air and ask very little in the way of maintenance or care. Across larger areas grasses will also help reduce run-off and regulate temperatures at a micro level.

With reds, silver, yellow, green and black varieties grasses have a much broader range of colours than you may have realised and are just as capable of taking centre-stage or providing a stunning backdrop

Bulbs

Bulbs are not like other plants. They come already to go. Pre-packed with stored-up energy they are the self – sufficient plants in nature’s arsenal. They’re not really picky about how they are planted – but please check – and they will use their energy to create shoots and leaves in a range of soils and under a range of conditions.

With careful planning bulbs can deliver wave after wave of colour and texture in your garden and keep delivering from late winter to early autumn. By planting them within Meadowmat your natural wildflowers can be supplemented by seasonal colour.

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 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 seed mixes that match the qualities of our Premium turf. Each cultivar is assessed for the following characterises:

- Visual merit
- Live ground cover
- Fineness of leaf
- Disease resistance
- Recovery
- Shoot density
- Speed of re-growth
- Cleanness of cutting
- Colour

“ SELECTION OF PRODUCTS AVAILABLE WAS EXTENSIVE AND THE ONE I SETTLED ON, PERFECT FOR ME. DELIVERED ON TIME AND THE END RESULT IS BRILLIANT. ”

C. Browne (December 2022)

“ GREAT SEED FOR OVERSEEDING THOSE BARE PATCHES ”

PREMIUM SEED - D. Hickman (2025)





HARROWDEN PREMIUM SEED

■ **PRODUCT ORDER CODE** SEED-HTPREMIUM / SEED-RYE

■ **STANDARD SIZE** 0.9kg bag - coverage 30m² (36yds²)*
20kg bag - coverage 666m² (797yds²)*

■ **SOWING RATE** *Overseeding*
15g per square metre.
Establishing a new lawn
30g per square metre.

■ **GROWTH**
Harrowden 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 inclusion of the decade's most significant progress in Perennial Ryegrass breeding, Tetraploid Ryegrass brings new levels of stress resistance as well as excellent summer and winter greenness. 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**
Perennial Ryegrass, Slender Creeping Red Fescue, Strong Creeping Red Fescue, 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.



*Coverage can be doubled if using to overseed





HARROWDEN AMENITY GRASS SEED

■ **PRODUCT ORDER CODE** SPLSEED20kg

■ **STANDARD SIZE** 20kg Bag

■ **SOWING RATE** *Overseeding*
15g per square metre.

Establishing a new lawn
25g per square metre.

■ **GROWTH**

Harrowden Amenity Grass seed is ideal for repairing existing lawn areas or creating large-scale grassed areas. The inclusion of the decade's most significant progress in Perennial Ryegrass breeding, Tetraploid Ryegrass brings new levels of stress resistance as well as excellent summer and winter greenness. The seed cultivars in this mix have been independently selected to provide a cost-effective general purpose landscaping seed mix.

■ **TYPICAL SEED MIXTURE**

25% Perennial Ryegrass, 30% Slender Creeping Red Fescue, 45% Strong Creeping Red Fescue

■ **USES**

- Large landscaped areas.
- Commercial landscaping.
- Domestic lawns.
- Parks and public open spaces.
- Hardwearing amenity sports areas.
- Urban areas.

PURITY AND GERMINATION CERTIFIED AMENITY GRASS SEED. IDEAL FOR CREATING NEW GRASSED AREAS OR REPAIRING DAMAGED OR THIN LAWNS.

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.

Contains 4turf® Tetraploid Ryegrass for excellent disease, drought and stress tolerance.

High shoot density with good recovery.

Fast germination even in colder weather.

Compatible with most growing mediums found throughout the UK.

HARROWDEN SHADESMAN+ SEED

- **PRODUCT ORDER CODE** SEED-SHADESMAN PLUS
- **STANDARD SIZE** 200g bag
- **SOWING RATE**
Overseeding
3g per square metre. 65m² coverage.
Establishing a new lawn
5g per square metre. 40m² coverage.

■ GROWTH

Harrowden Shadesman+ Seed is ideal for repairing an existing Shadesman lawn. The use of Poa Supina and Poa Pratensis creates a medium textured low maintenance, shade tolerant lawn. Harrowden 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

Poa Supina, 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.
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 SEED

- **PRODUCT ORDER CODE** SEED-MEAD-SR
- **STANDARD SIZE** Available in various quantities.
- **SOWING RATE** 10g/m².
- **GROWTH**

Harrowden Species Rich Lawn Seed is a blend of 11 slow growing grasses and 33 native and naturalised wildflowers. The specially selected grasses ensure full coverage all year round. Harrowden Species Rich Lawn Seed will create a colourful low maintenance lawn and is suitable for most soil types.

- **TYPICAL SEED MIXTURE***

75% Slow Growing Grasses: Brown Top Bent, Creeping Bent, Crested Dogstail Perennial Ryegrass, Chewing's Fescue, Rough Meadowgrass, Sheep's Fescue, Slender Creeping Fescue, Smaller Cat's Tail, Smooth Meadow Grass Sweet Vernal Grass

25% Native wildflowers: Autumn Hawkbit, Birdsfoot Trefoil, Black Medick, Bladder Champion, Bugle, Common Catsear, Common Daisy, Common Knapweed, Common Mouse-ear, Common Sorrel, Cowslip, Creeping Buttercup, Crimson Clover, Crosswort, Dove's Foot Cranesbill, Early Crocus, Eyebright, Fernleaf Fiddleneck, Germander Speedwell, Hoary Plantain, Lady's Bedstraw, Meadow Buttercup, Meadow Saxifrage, Fox and Cubs, Rough Hawkbit, Salad Burnet, Self Heal, Small Scabious, Tufted Vetch, White Clover, Winter Aconite, Yarrow, Yellow Rattle

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

A BLEND OF 11 SLOW GROWING GRASSES AND 33 NATIVE AND NATURALISED WILDFLOWERS ADDS A SPLASH OF COLOUR TO A LAWN.

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.



**When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden makes every effort to ensure wildflower products are free from weeds, 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

■ **STANDARD SIZE** Available in various quantities.
Sowing Rate 5g/m².

■ **GROWTH**

Harrowden Traditional Meadowmat® Seed Mix is a blend of 5 slow growing grasses and 29 native and traditional 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***

10% *Slow Growing Grasses:* Slender Creeping Red Fescue, Chewing's Fescue, Common Bent, Small-leaved Timothy, Quaking grass

90% *Native wildflowers:* Autumn Hawkbit, Betony, Birdsfoot Trefoil, Bladder Campion, Common Daisy, Common Knapweed, Common Poppy, Common Sorrel, Common Vetch, Corn Marigold, Cornflower, Great Burnet, Lady's Bedstraw, Meadow Buttercup, Meadow Cranesbill, Meadowsweet, Oxeye Daisy, Ragged Robin, Red Campion, Red Clover, Rough Hawkbit, Salad Burnet, Selfheal, Small Scabious, Tufted Vetch, 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 (dependent 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 makes every effort to ensure wildflower products are free from weeds, 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® WOODLAND SHADE SEED MIX



■ **PRODUCT ORDER CODE** SEED-MEAD-WOOD

■ **STANDARD SIZE** Available in various quantities.
Sowing Rate 5g/m².

■ **GROWTH**

Harrowden Woodland Shade Meadowmat® Seed Mix is a blend of 6 slow growing grasses and 31 native and traditional 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***

20% Native Grasses: False Brome, Chewing's Fescue, Yellow Oatgrass, Tufted Hairgrass, Slender Creeping Fescue

80% Native wildflowers: Autumn Hawkbit, Betony, Bladder Campion, Columbine, Common Sorrel, Cowslip, Field Scabious, Foxglove, Germander Speedwell, Greater Knapweed, Greater Stitchwort, Lady's Bedstraw, Meadow Buttercup, Meadow Vetchling, Meadowsweet, Musk Mallow, Nettle Leaved Bellflower, Oxeye Daisy, Pepper Saxifrage, Pignut, Ragged Robin, Ribwort Plantain, Self Heal, Welsh poppy, White Campion, Wild Marjoram, Wild, Strawberry, Wood Cranesbill, Wood Sage, Wood Vetch, Hedge Woundwort

■ **USES** Biodiverse landscaping schemes.
Low maintenance areas.
Commercial landscaping.
Urban areas and parks.
Domestic gardens.

■ **FLOWERING TIME** Flowers from March to October (dependent 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 makes every effort to ensure wildflower products are free from weeds, 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® COTTAGE GARDEN SEED MIX

■ **PRODUCT ORDER CODE** SEED-MEAD-COT

■ **STANDARD SIZE** Available in various quantities.
Sowing Rate 5g/m².

■ **GROWTH**
Harrowden Cottage Garden Meadowmat® Seed Mix is a blend of 4 slow growing grasses, 10 native wildflowers and 21 naturalised cottage flowers. 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 (dependent on local weather conditions) peak flowering is from June to October.

A GLORIOUS BLEND OF NATIVE AND NATURALISED 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 makes every effort to ensure wildflower products are free from weeds, 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® HERITAGE SEED MIX



MEADOWMAT® HERITAGE SEED MIX WAS ORIGINALLY DEVELOPED FOR GREEN ROOF APPLICATIONS, HOWEVER IT IS JUST AS HAPPY ON THE GROUND!

■ **PRODUCT ORDER CODE** SEED-MEAD-HER

■ **STANDARD SIZE** Available in various quantities.
Sowing Rate 5g/m².

■ GROWTH

Harrowden Heritage Seed Mix is a blend of a 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 year round coverage. Harrowden 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 Champion, Clustered Bellflower, Common Poppy, Cornflower, Daisy, Fox and Cubs, Lady's Bedstraw, Maiden Pink, Meadow Saxifrage, Ragged Robin, Sea Champion, 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 (dependent on local weather conditions) peak flowering is from June to September.

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 makes every effort to ensure wildflower products are free from weeds, 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 SEED MIX



■ **PRODUCT ORDER CODE** SEED-MEAD-BBFL

■ **STANDARD SIZE** Available in various quantities.
Sowing Rate 5g/m².

■ **GROWTH**

Harrowden Birds & Bees FLL Meadowmat® Seed Mix is a blend of 34 native wildflowers and 6 naturalised flowers 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: Autumn Hawkbit, Birdsfoot Trefoil, Bladder Campion, Clustered Bellflower, Columbine, Common Agrimony, Common Daisy, Common Mallow, Common Poppy, Common Sorrel, Common Toadflax, Cornflower, Fennel, Fox and Cubs, Foxglove, Greater Knapweed, Harebell, Linaria 'Fairy Bouquet' Grandmother's Garden, Moroccan Toadflax, Maiden Pink, Meadow Buttercup, Meadow Cranesbill, Musk Mallow, Purple Loosestrife, Ragged Robin, Red Campion, Red Clover, Sheeps-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

■ **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 March to November (dependent 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 FOCUSED 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 makes every effort to ensure wildflower products are free from weeds, 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

■ **STANDARD SIZE** Available in various quantities.
Sowing Rate 10g/m².

■ GROWTH

Harrowden SuDS Meadowmat® Seed Mix is a blend of 5 native grasses and 32 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 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: Chewing's Fescue, Slender Creeping Red Fescue, Rough Stalked Meadowgrass, Smaller Cat's Tail, Tufted Hairgrass

50% Native wildflowers: Betony, Birdsfoot Trefoil, Bladder Campion, Catsear, Common Daisy, Common Fleabane, Common Knapweed, Common Sorrel, Common Toadflax, Common Vetch, Cowslip, Crosswort, Cuckooflower, Hedge Bedstraw, Meadow Buttercup, Meadow Cranesbill, Meadowsweet, Musk Mallow, Oxeye Daisy, Pignut, Rough Hawkbit, Ribwort Plantain, Salad Burnet, Selfheal, Tufted Vetch, Wild Carrot, Wild Marjoram, Yarrow, Yellow Rattle, Field Scabious, Ragged Robin, St John's Wort

■ 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 (dependent on local weather conditions) peak flowering is from June to September.



*When grown the actual percentage of each species contained may vary due to environmental factors. Harrowden makes every effort to ensure wildflower products are free from weeds, 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

SUDS 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.



DLF MASTERLINE® AMENITY SEED RANGE

DLF focuses closely on the demands of customers as well as on the market trends for clover and grass seed. Offering one of the world's largest research and development programmes for both turf and forage, DLF is working consistently to improve the quality and reliability of all their varieties. Each variety is then tested through a worldwide trialling network across different climate and environmental conditions.

Harrowden has partnered with DLF to bring you a new and extensive range of Amenity Seed – all available in 20kg bags for large scale commercial or domestic settings. Their focus is on fine-leaved, dense varieties with outstanding disease, wear and drought tolerance. Their Masterline® mixtures are designed to comply with demanding professional usage and their mixtures are used for prestigious projects like football stadiums, golf courses, parks and residential areas.

Research and development are at the heart of the DLF business creating new, better-performing varieties to be used in mixtures for a wide range of purposes and across a variety of climate conditions.

DLF IS A GLOBAL SEED AND PLANT BREEDING COMPANY WHICH ADDS VALUE TO CUSTOMERS AND END USERS THROUGH LEADING EDGE RESEARCH AND PRODUCT DEVELOPMENT.

Application	Mixtures																																				
	PM5	PM10	PM13	PM15	PM20	PM25	PM25R	PM26	PM27	PM28	PM29	PM35	PM36	PM40	PM45	PM50	PM51	PM52	PM60	PM65	PM70	PM79	PM80	PM81	PM82	PM85	PM90	PM95	PMT05	PRO FLORA 110	PM120	PM125	HORSEMAX				
AIRPORT																																					
ATHLETICS																																					
BOWLING GREEN																																					
CARAVAN PARKS																																					
COASTAL SITES																																					
CONTAMINATED SITES																																					
CRICKET OUTFIELD																																					
CRICKET SQUARE																																					
DRIVING RANGE																																					
DRY SOILS																																					
ECONOMY																																					
EMBANKMENTS																																					
FERTILITY BUILDING																																					
FINE LAWN																																					
FOOTBALL																																					
GALLOPS/POLO																																					
GOLF FAIRWAY																																					
GOLF GREEN																																					
GOLF ROUGH																																					
GOLF TEE																																					
HARD WEARING LAWN																																					
LANDFILL																																					
LANDSCAPE GENERAL																																					
LOW MAINTENANCE																																					
PADDOCKS																																					
ROAD VERGE																																					
RUGBY																																					
SHADE																																					
TENNIS COURT																																					
WETLAND																																					

DLF Masterline® Amenity grass seed mixtures

Mix	%	Cultivar	Species	Sowing Rate
SPORT MIXTURES				
PM5	40	Wagner	Chewing's Fescue	35g/m ²
Economy Green	40	Smirna	Slender Creeping Red Fescue	
	20	Highland	Browntop Bent	
PM10	25	Esparina	Chewing's Fescue	35g/m ²
Traditional Green	15	Bogart	Slender Creeping Red Fescue	
	20	Sarolea	Slender Creeping Red Fescue	
	20	Absolom	Slender Creeping Red Fescue	
	5	Manor	Browntop Bent	
	5	Arrowtown	Browntop Bent	
	10	Jorvik	Browntop Bent	
PM13	15	Bogart	Chewing's Fescue	35-50g/m ²
Fescue Green	35	Esparina	Chewing's Fescue	
	20	Absolom	Slender Creeping Red Fescue	
	30	Sarolea	Slender Creeping Red Fescue	
PM15	25	Manor	Browntop Bent	10g/m ²
Green Allbent	25	Arrowtown	Browntop Bent	
	50	Jorvik	Browntop Bent	
LAWN MIXTURES				
PM20	20	Wagner	Chewing's Fescue	10g/m ²
Fineturf	20	Smirna	Slender Creeping Red Fescue	
(without ryegrass)	60	Sergei	Strong Creeping Red Fescue	
PM35	35	Claudine	Perennial Rye	35-50g/m ²
Universal	35	Chardin	Perennial Rye	
	10	Absolom	Slender Creeping Red Fescue	
	20	Sarolea	Slender Creeping Red Fescue	
PM36	30	Chloe	Perennial Rye Grass	35-75g/m ²
Wicket	50	Chardin	Perennial Rye Grass	
	20	Dickens	Perennial Rye Grass	
PM40	20	Rossinante	Strong Creeping Red Fescue	35-50g/m ²
Tee & Fairway	25	Sergei	Strong Creeping Red Fescue	
	20	Sarolea	Slender Creeping Red Fescue	
	10	Esparina	Chewing's Fescue	
	20	Wagner	Chewing's Fescue	
	5	Dumas	Hard Fescue	
PM45	35	Chardin	Perennial Rye Grass	35-50g/m ²
Tee & Fairway Plus	15	Rossinante	Strong Creeping Red Fescue	
	20	Sergei	Strong Creeping Red Fescue	
	10	Archibal	Slender Creeping Red Fescue	
	20	Esparina	Chewing's Fescue	
PM50*	10	Tetragame	Tetraploid Perennial Rye	35-50g/m ²
Quality Lawn	20	Chardin	Perennial Rye	
	10	Dickens	Perennial Rye	
	40	Sergei	Strong Creeping Red Fescue	
	10	Wagner	Chewing's Fescue	
	10	Smirna	Slender Creeping Red Fescue	
PM51*	30	Double	Tetraploid Perennial Rye Grass	35-50g/m ²
Greenscape	20	Esquire	Perennial Rye Grass	
with Ryegrass	50	Maxima	Strong Creeping Red Fescue	
PM52*	10	Wagner	Chewing's Fescue	35-50g/m ²
Greenscape	20	Smirna	Slender Creeping Red Fescue	
without Ryegrass	70	Maxima	Strong Creeping Red Fescue	
PM60*	10	Sabrena1	Rough Stalked Meadow Grass	35-50g/m ²
Greenshade	30	Wagner	Chewing's Fescue	
	20	Smirna	Slender Creeping Red Fescue	
	40	Sergei	Strong Creeping Red Fescue	
PM70*	10	Tetragame	Tetraploid Perennial Rye Grass	35-50g/m ²
Recreation	25	Double	Tetraploid Perennial Rye Grass	
	10	Chardin	Perennial Rye Grass	
	25	Esquire	Perennial Rye Grass	
	30	Sergei	Strong Creeping Red Fescue	
PM120	60	Claudine	Perennial Rye Grass	35-50g/m ²
Slowgrowth	35	Sarolea	Slender Creeping Red Fescue	
	5	Highland	Browntop Bent	

* Suitable mixture for LAWN and LANDSCAPE usage.

Mix	%	Cultivar	Species	Sowing Rate
LANDSCAPE MIXTURES				
PM25	10	Samanta	Slender Creeping Red Fescue	25-50g/m ²
Gro-Slow	45	Maxima	Strong Creeping Red Fescue	
	30	Dumas	Hard Fescue	
	10		Crested Dogtail	
	5	Highland	Browntop Bent	
PM25R	15	Double	Tetraploid Perennial Rye Grass	25-50g/m ²
Gro-Slow Plus	10	Samanta	Slender Creeping Red Fescue	
	40	Maxima	Strong Creeping Red Fescue	
	20	Dumas	Hard Fescue	
	10		Crested Dogtail	
	5	Highland	Browntop Bent	
PM26	20	Wagner	Chewing's Fescue	25g/m ²
Ecosward	15	Samanta	Slender Creeping Red Fescue	
	50	Sergei	Strong Creeping Red Fescue	
	10	Evora	Smooth Stalked Meadow Grass	
	5		Microclover	
PM27	50	Double	Tetraploid Perennial Rye Grass	25g/m ²
Ecosward Plus	35	Sergei	Strong Creeping Red Fescue	
	10	Wagner	Chewing's Fescue	
	5		Microclover	
PM28	10	Dakisha	Smooth Stalked Meadow Grass	25-35g/m ²
Wetland	20	Maxima	Strong Creeping Red Fescue	
	10	Esquire	Perennial Rye Grass	
	10		Small Leaved Timothy	
	10		Crested Dogtail	
	40	Essential	Tall Fescue	
PM29	25	Debussy	Tall Fescue	25-35g/m ²
All Season	75	Essential	Tall Fescue	
PM65	30	Tetragame	Tetraploid Perennial Rye Grass	35-50g/m ²
Heavy Wear	25	Columbine	Perennial Rye Grass	
	25	Gladys	Perennial Rye Grass	
	20	Dakisha	Smooth Stalked Meadow Grass	
PM79	50	Double	Tetraploid Perennial Rye Grass	35-75g/m ²
Playing Field	20	Platinum	Perennial Rye Grass	
	30	Esquire	Perennial Rye Grass	
PM80	25	Tetragame	Tetraploid Perennial Rye Grass	35-75g/m ²
Renovator	25	Chardin	Perennial Rye Grass	
	30	Platinum	Perennial Rye Grass	
	20	Columbine	Perennial Rye Grass	
PM81	10	Fabian	Tetraploid Perennial Rye Grass	35-75g/m ²
Premier Renovation	10		Tetragame	
Perennial Rye Grass				
	20	Eurodiamond	Perennial Rye Grass	
	20	Alathea	Perennial Rye Grass	
	20	Gildara	Perennial Rye Grass	
	20	Columbine	Perennial Rye Grass	
PM82	30	Platinum	Perennial Rye Grass	35-50g/m ²
Microclover Sport	40	Double	Tetraploid Perennial Rye Grass	
	25	Esquire	Perennial Rye Grass	
	5		Microclover	
PM85	25	Double	Tetraploid Perennial Rye Grass	10-20g/m ²
Road Verge	40	Maxima	Strong Creeping Red Fescue	
	15	Smirna	Slender Creeping Red Fescue	
	15	Dumas	Hard Fescue	
	2.5	Highland	Browntop Bent	
	2.5	Galway	White Clover	
PM90	20	Double	Tetraploid Perennial Rye Grass	35g/m ²
Coastal	25	Smirna	Slender Creeping Red Fescue	
	22	Maxima	Strong Creeping Red Fescue	
	20	Bornito	Hard Fescue	
	10		Saltmarsh Grass	
	3	Kromi	Creeping Bent	
PM125	20	Debussy	Tall Fescue	20g/m
Clearsky	70	Essential	Tall Fescue	
	10	Quickston	Annual Rye Grass – turf type	
LAND RECLAMATION MIXTURES				
PM95	30	Double	Tetraploid Perennial Rye Grass	10-25g/m ²
Land Reclamation	25	Smirna	Slender Creeping Red Fescue	
with Rye	20	Dumas	Hard Fescue	
	10		Crested Dogtail	
	10	Highland	Browntop Bent	
	2.5		Small Leaved White Clover	
	2.5		Birdsfoot Trefoil	
PM105	15		Alsike White Clover	5g/m ²
Fertility	15		Red Clover	
	25		White Clover	
	20		Yellow Trefoil	
	25		Birdsfoot Trefoil	



SINGLE SPECIES: SEEDS, PLANTS AND BULBS

We are adding to our range all the time. If you cannot find what you are looking for on the list opposite or have specific needs in mind, please get in touch.

■ GROWTH

As well as a range of bespoke seed mixes we also offer a diverse range of single species, many of which are available as seeds, plugs or small plants. Many of our seeds and plants are produced in our dedicated nursery in Norfolk, some of the rarer species are carefully sourced from some of the UK's leading growers. This ensures the origin, purity and quality are of the standard you would expect.

■ FEATURES

Wide range of species available
Sustainably sourced
Known origin
British sourced and grown.

PLANTS, BULBS AND SEEDS CAN HELP YOU CUSTOMISE YOUR WILDFLOWER MEADOW AND ADD AN EXTRA DIMENSION TO THE PLANTING IN YOUR GARDEN.



“ I RECEIVED MY ORDER PROMPTLY AND WELL PACKAGED. ALL OF MY PLANTS ARRIVED NICE AND HEALTHY WITH NO DAMAGE... ”

D. Bland (February 2023)



SINGLE SPECIES: SEEDS, PLANTS AND BULBS

Perennial/Biennial Species	Seed	Plug	9cm Pot
Common Agrimony	■	■	■
Wild Angelica	■	■	■
Water Avens	■	■	■
Wood Avens	■	■	■
Wild Basil	■	■	■
Hedge Bedstraw	■	■	■
Lady's Bedstraw	■	■	■
Clustered Bellflower	■	■	■
Giant Bellflower	■	■	■
Nettle Leaved Bellflower	■	■	■
Betony	■	■	■
Viper's Bugloss	■	■	■
Great Burnet	■	■	■
Salad Burnet	■	■	■
Bulbous Buttercup	■	■	■
Creeping Buttercup	■	■	■
Meadow Buttercup	■	■	■
Bladder Campion	■	■	■
Red Campion	■	■	■
Sea Campion	■	■	■
White Campion	■	■	■
Wild Carrot	■	■	■
Nottingham Catchfly	■	■	■
Common Catsear	■	■	■
Corn Chamomile	■	■	■
Lawn Chamomile	■	■	■
Chicory	■	■	■
Meadow Clary	■	■	■
Wild Red Clover	■	■	■
Wild White Clover	■	■	■
Columbine	■	■	■
Cowslip	■	■	■
Hedge Cranesbill	■	■	■
Meadow Cranesbill	■	■	■
Crested Dogstail	■	■	■
Cuckoo Flower/ Lady's Smock	■	■	■
Common Daisy	■	■	■
Oxeye Daisy	■	■	■
Dames Violet	■	■	■
Dandelion	■	■	■
White Deadnettle	■	■	■
Dropwort	■	■	■
Evening Primrose	■	■	■
Feverfew	■	■	■
Common Figwort	■	■	■
Water Figwort	■	■	■
Common Fleabane	■	■	■
Wood Forget-me-not	■	■	■
Fox and Cubs	■	■	■
Wild Foxglove	■	■	■
Garlic Mustard	■	■	■
Goatsbeard	■	■	■
Quaking Grass	■	■	■
Sweet Vernal Grass	■	■	■
Gypsywort	■	■	■
Tufted Hairgrass	■	■	■
Wavy Hairgrass	■	■	■
Harebell	■	■	■
Autumn Hawkbit	■	■	■
Rough Hawkbit	■	■	■
Mouse-ear Hawkweed	■	■	■
Spotted Hawkweed	■	■	■
Hemp Agrimony	■	■	■
Hyssop	■	■	■
Anise Hyssop	■	■	■
Yellow Flag Iris	■	■	■
Jacob's Ladder	■	■	■

Perennial/Biennial Species	Seed	Plug	9cm Pot
Greater Knapweed	■	■	■
Lesser Knapweed	■	■	■
Lemon Balm	■	■	■
Purple Loosestrife	■	■	■
Common Mallow	■	■	■
Musk Mallow	■	■	■
White Musk Mallow	■	■	■
Marsh Marigold	■	■	■
Wild Marjoram	■	■	■
Meadowsweet	■	■	■
Wild Mignonette	■	■	■
Water Mint	■	■	■
Dark Mullein	■	■	■
Great Mullein	■	■	■
Moth Mullein	■	■	■
Oxlip	■	■	■
Cow Parsley	■	■	■
Pennyroyal	■	■	■
Cheddar Pink	■	■	■
Maiden Pink	■	■	■
Hoary Plantain	■	■	■
Ribwort Plantain	■	■	■
Wild Primrose	■	■	■
Ragged Robin	■	■	■
Common Restharrow	■	■	■
Spiny Restharrow	■	■	■
Goat's Rue	■	■	■
Clary Sage	■	■	■
Wood Sage	■	■	■
Sainfoin	■	■	■
Salsify	■	■	■
Sawwort	■	■	■
Burnet Saxifrage	■	■	■
Meadow Saxifrage	■	■	■
Devilsbit Scabious	■	■	■
Field Scabious	■	■	■
Small Scabious	■	■	■
Cyperus Sedge	■	■	■
False Fox Sedge	■	■	■
Pendulous Sedge	■	■	■
Self Heal	■	■	■
Sheepsbit	■	■	■
Skullcap	■	■	■
Sneezewort	■	■	■
Soapwort	■	■	■
Common Sorrel	■	■	■
Sheep's Sorrel	■	■	■
Birdseye Speedwell	■	■	■
Spiked Speedwell	■	■	■
Common St. John's Wort	■	■	■
Hairy St. John's Wort	■	■	■
Greater Stitchwort	■	■	■
Wild Strawberry	■	■	■
Sweet Cicely	■	■	■
Tansy	■	■	■
Teasel	■	■	■
Thrift	■	■	■
Wild Thyme	■	■	■
Ivy Leaved Toadflax	■	■	■
Pink Toadflax	■	■	■
Purple Toadflax	■	■	■
Yellow Toadflax	■	■	■
Tormentil	■	■	■
Birdsfoot Trefoil	■	■	■
Greater Birdsfoot Trefoil	■	■	■
Common Valerian	■	■	■
Red Valerian	■	■	■

Perennial/Biennial Species	Seed	Plug	9cm Pot
Kidney Vetch	■	■	■
Tufted Vetch	■	■	■
Meadow Vetchling	■	■	■
Common Dog Violet	■	■	■
Wild Wallflower	■	■	■
Weld	■	■	■
Rosebay Willowherb	■	■	■
Woad	■	■	■
Sweet Woodruff	■	■	■
Greater Woodrush	■	■	■
Hedge Woundwort	■	■	■
Marsh Woundwort	■	■	■
Yarrow	■	■	■
Coloured Yarrow	■	■	■

Annual Species	Seed	Plug
Borage	■	■
Corn Chamomile	■	■
Corncockle	■	■
Cornflower	■	■
Corn Marigold	■	■
Red Deadnettle	■	■
Field Forget-me-not	■	■
Herb Robert	■	■
Heartsease/ Wild Pansy	■	■
Upright Hedge Parsley	■	■
Scarlet Pimpernel	■	■
Deptford Pink	■	■
Corn Poppy	■	■
Common Vetch	■	■
Yellow Rattle	■	■

Sedum Plugs	Seed	Plug
Sedum sexangulare	■	■
Sedum spurium	■	■
Sedum kamtschaticum	■	■
Sedum reflexum	■	■
Sedum hispanicum	■	■
Sedum album	■	■
Sedum pulchellum	■	■
Mixed Sedum	■	■

Spring Flowering Bulbs
Winter Aconite
Wood Anemone
English Bluebell
Large Flowering Mixed Crocus
Wild Cyclamen (pink)
Tenby Daffodil
Wild Daffodil
Snakeshead Fritillary
Grape Hyacinth
Wild Garlic
Lily of the Valley
Double Snowdrop
Giant Snowdrop
Single Snowdrop
Woronowii/ Ikarai Snowdrop
Spring Snowflake
Summer Snowflake
Common Star of Bethlehem
Nodding Star of Bethlehem
Wild Tulip



INTRODUCING OUR ROOFING PRODUCTS

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 retrofit, you can be sure of the same great quality whatever your installation requirements.

A green solution can support wildlife, improve insulation and add extra colour to your garden. Beautiful to look at, easy to maintain and perfect for pollinators.

We have now extended our range to include everything you could need to create a green roof - sedum kits for pitched and flat roofs as well as filter fleece, drainage board, roof edging, cobbles, substrate and trays that are a ready-made green roofing solution - an instant green roof, quicker than matting alone delivering a rooftop transformation virtually overnight.

With good drainage and plenty of sunshine, whether it's 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. 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 or on buildings and sheds.

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. An Enviromat® living roof will absorb much of the rain that falls on it, lowering the risk of flooding. Sedum insulates against heat and cold providing savings on heating and air conditioning bills and a sedum green roof can halve the amount of noise pollution entering a building.

Enviromat® can help a building blend into 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 foliage all year round.

If you put these benefits together with dedicated substrates, cobbles, roof edging and drainage board you have all you need to create a green roof or if you're looking for a ready-made solution, try our green roof trays, ready-planted and ready to go.

THE MOVEMENT TO GREEN ROOFS HAS NEVER BEEN MORE IMPORTANT. WE ARE CONTINUING TO DEVELOP OUR RANGE OF ROOFING PRODUCTS TO SUPPORT THE CONSTRUCTION OF GREEN ROOFS WITH SIMPLE PRODUCTS AND SPECIFICALLY DESIGNED KITS.



Supplied full of sedum, these trays come complete with a mix of drought-loving sedum plants. FLL compliant substrate is included – giving a completely self-contained green roof solution. So that means no planting, none of that trying to work out how deep the growing medium needs to be, just simply put down some roof protection and fix the trays in place.

Not only that but with our roof edging holding everything in place this is quite possibly the simplest and quickest way to create a green roof.

Our lightweight aluminium green roof edging is available in two face heights to suit our range of living roof products; it will allow the free draining of water, whilst retaining pebbles or substrate. The aluminium finish of the roof edging is both durable, rust resistant and lightweight making installation easy. The matching connectors also feature the same laser cut slots for both drainage and aesthetics.

A green roof is a unique environment that calls for a unique growing medium. Our specially blended green roof substrate is tested to the German FLL guidelines (2018), and it provides the perfect base for establishing a green roof. It's made from recycled materials giving a low density, low nutrient base with optimum water retention properties.

**“ARRIVED PROMPTLY
AND THE ROOF
GARDEN APPEARS TO
BE THRIVING AFTER
BEING FED.”**

C. Mowlam (2025)





ENVIROMAT® NATURAL SEA COBBLES

■ **PRODUCT ORDER CODE** ENV-COBBLER

■ **STANDARD SIZE** 20kg bags
This product is sold per bag.

■ **DETAILS** Natural Sea Cobbles in sizes from 20mm to 40mm. Recommended for use on green roof installations as a fire break, to provide free draining areas or for habitat creation on biodiverse roofs. The naturally rounded stones are a blend of subtle greys and browns giving an aesthetically pleasing finish. In accordance with the GRO code, cobbles should be installed 300mm wide around all perimeters, including rooflights, rain outlets etc, and 500mm where there are building openings like doors, windows or opening roof lights. Cobbles should also be installed to a depth of 50mm or at least to the same depth as the substrate / plant layer. To ensure there is no substrate in the fire break it is advisable to use an edging product to provide separation.*

■ **USES** Fire break on living roof installations.
Creation of dry free-draining areas.
Habitat creation on biodiverse roofs.
Decorative landscaping for pathways etc.
Pond creation and rock pools.

Important - We cannot guarantee that all pebbles are rounded and smooth. As a naturally quarried product, sizes may vary.

*More information on the GRO code can be found at www.greenrooforganisation.org

**ROUNDED SEA PEBBLES
SUITABLE FOR A RANGE
OF LANDSCAPING
APPLICATIONS
INCLUDING GREEN
ROOFING.**

FEATURES

- 20-40mm (stone width).
- Rounded.
- Easy to handle.



ENVIROMAT® GREEN ROOF EDGING

■ PRODUCT ORDER CODE

SUND-REDGE100MM
SUND-REDGE50MM
SUND-REDGE100CO
SUND-REDGE50CO

Roof edging 100mm face
Roof edging 50mm face
Roof edging 100mm connector
Roof edging 50mm connector

■ STANDARD LENGTH

1000mm

■ FACE HEIGHT

Available in 50mm or 100mm
This product is supplied as a single piece
Thickness: 1.2mm
All measurements are approximate.

■ DETAILS

Lightweight aluminium edging. Available in two face heights to suit our range of living roof products. 33 laser cut slots per metre allow the free draining of water, whilst retaining pebbles or substrate. The base on both versions is 100mm wide using the weight of the green roof system or pebbles to hold it in place.

The aluminium finish is both durable, rust resistant and lightweight making installation easy. The matching connectors also feature the same laser cut slots for both drainage and aesthetics. The connectors can be used for straight joints or bent easily to form internal or external angles.

For added strength, 9 laser cut holes in the base enable firm bonding when required.

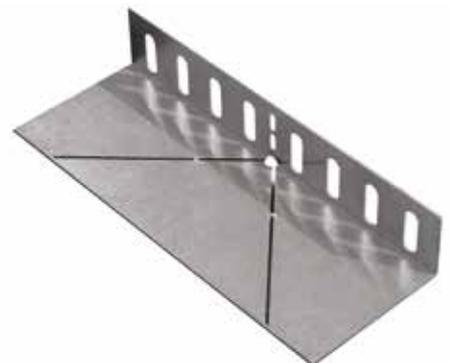
■ USES

Living roof edge restraint.
Separating substrates.
Green roof edge restraint.

**A LIGHTWEIGHT
ALUMINIUM ROOF
EDGING SUITABLE FOR
A RANGE OF
APPLICATIONS.**

FEATURES

- Lightweight and durable.
- Weather resistant.
- Easy to install and cut.
- Available in 2 sizes to cover all applications.
- Connectors can be used for straight or angle joints.
- Maximum drainage without compromising strength.



Important - We recommend wearing gloves when handling or installing this product.

ENVIROMAT® ENVIROMAT DRAINAGE MAT

■ **PRODUCT ORDER CODE** ENV-DRAINAGE MAT

■ **STANDARD SIZE** 1m²
This product is supplied by the square metre cut to size.

■ **FULL ROLL SIZE** 1.0m x 50m Rolls (50m²)
Thickness 20mm (0.79")
Weight 0.6kg/m²
All measurements are approximate.

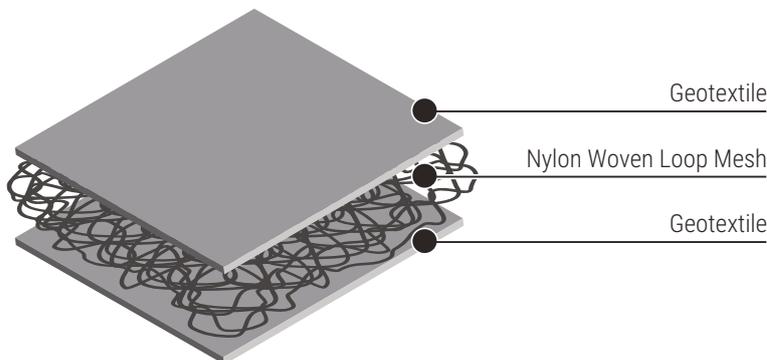
■ **DETAILS** A thermally bonded, woven nylon loop mat with geotextile filter layers each side. Provides both protection and drainage for flat roof installation of Enviromat Sedum Mat. Due to the multi-directional nature of the nylon loops this product allows water to flow in any direction.

■ **USES** Protecting the waterproofing layer on flat roofs from damage.
Provides filtered drainage for lightweight extensive sedum roofs.
Can be used as a drainage layer for sedum ground installation where there is a risk of shallow water pooling.

A MULTI-FUNCTIONAL DRAINAGE AND FILTER MAT WHICH PREVENTS THE ROOTS OF ENVIROMAT® SEDUM MAT BECOMING WATERLOGGED. USED MAINLY ON FLAT ROOF INSTALLATIONS.

FEATURES

- Low density.
- UV resistant.
- Easy to cut using a utility knife.
- Does not degrade over time.



Please Note: This product does not provide water storage and is not suitable for intensive roof systems.

ENVIROMAT® POLYTHENE ROOT BARRIER

■ **PRODUCT ORDER CODE** ENV-POLYTHENE

■ **STANDARD SIZE** 1m²

This product is supplied by the square metre cut to size.

Thickness 150 microns (0.0059")

All measurements are approximate.

■ **DETAILS**

Black LDPE (low-density polyethylene) film originally designed to cover fodder. It is an excellent barrier to water and air. It has a good tensile strength making it ideal for protecting the waterproofing layer on roofs from damage by sedum roots. This should not be used to replace or substitute for waterproofing on a rooftop.

■ **USES**

Protecting the waterproofing layer on roofs from damage caused by sedum roots.

Makes a good weed barrier – caution should be taken when using this product on the ground as it does not let moisture through and can create pooling.

To protect paving and other delicate surfaces from dirt during the installation of turf.

A TOUGH WATERPROOF FILM IDEAL FOR USE AS A ROOT BARRIER ON SEDUM INSTALLATIONS.

FEATURES

Low density.

Low permeability to air and water.

Resistant to acids, alcohols and esters.

Excellent opacity blocking out infrared radiation.

Tensile strength at break 18 MPa.

Tough but easy to cut using a utility knife.

Resistant to a wide range of temperatures -50°C to 85°C.

ENVIROMAT®

3.9MM PROTECTION FLEECE

■ **PRODUCT ORDER CODE** ENV-PROTECTION

■ **STANDARD SIZE** 1.0m x 50m Rolls (50m²)
Thickness: 3.9mm
Approximate weight: 0.38kg/m²

This product is supplied by the square metre cut to size. All measurements are approximate.

■ **PERFORMANCE** Static Puncture Resistance: 3 kN
Water Permeability: 85 l/m²/s

■ **DETAILS** A 3.9mm thick needle punched geotextile. Manufactured from 100% virgin polypropylene high tenacity fibres containing 1% active carbon black. Provides protection for the waterproofing layer against damage caused by drainage boards, during green roof installation.

■ **USES** For protecting the waterproofing layer on green roof applications.
Heavy duty soil filtration and separation.

A THICK NEEDLE PUNCHED PROTECTION LAYER IDEAL FOR PROTECTING WATERPROOFING ON GREENROOF INSTALLATIONS.

FEATURES

Optimised for maximum strength and performance.

Class leading durability.

UV stabilised.

High puncture resistance.

High flow rate.

Easy to cut.

Important - Although this product has been UV stabilised it is advisable to store it out of direct sunlight until it is used.





ENVIROMAT® 20MM DRAINAGE BOARD

■ **PRODUCT ORDER CODE** ENV-DRAINAGE BOARD

■ **STANDARD SIZE** 0.97m x 50m Rolls (48.5m²)

Thickness: 21mm

Approximate weight: 1.2kg/m²

This product is supplied by the square metre cut to size. All measurements are approximate.

■ **PERFORMANCE** Water storage capacity: 4 l/m²

Water Flow: 24 l/m²/s

■ **DETAILS**

A 20mm Black HDPE (high-density polyethylene) punched cusplate drainage board with a geotextile filter fleece bonded to a single side (top). The 20mm cusplate provides water storage of up to 4 litres per square metre with 10mm diameter punched perforations, ensuring an overflow performance of 24 l/m²/s. The attached filter fleece stops small particles from washing into drains without hindering water permeability.

■ **USES**

Provides an irrigation and drainage system for greenroofs.

**A TOUGH CUSPATE
DRAINAGE BOARD WITH
INTEGRAL FILTER FLEECE,
IDEAL FOR INTENSIVE
AND SEMI-INTENSIVE
GREENROOFS.**

FEATURES

Optimised for maximum strength and performance.

UV stabilised.

High crush and puncture resistance.

High flow rate.

Easy to cut..

Important - Although this product has been UV stabilised it is advisable to store it out of direct sunlight until it is used.





ENVIROMAT® FILTER FLEECE

■ **PRODUCT ORDER CODE** ENV-FILTER

■ **STANDARD SIZE** 1.13m x 100m Rolls (113m²)
Thickness: 0.8mm
Approximate weight: 0.38kg/m²

This product is supplied by the square metre cut to size. All measurements are approximate.

■ **PERFORMANCE** Static Puncture Resistance: 1.4 kN
Water Permeability: 100 l/m²/s

■ **DETAILS** A durable non-woven needle punched geotextile manufactured from 100% virgin polypropylene high tenacity fibres. Provides particle filtration designed to separate substrates and soils from drainage systems.

■ **USES** Separating substrate from drainage systems.
Light soil filtration and separation.

**A NON-WOVEN
GEOTEXTILE DESIGNED
TO FILTER AND
SEPARATE SUBSTRATES
FROM DRAINAGE
SYSTEMS.**

FEATURES

Optimised for maximum strength and performance.

Class leading durability.

UV stabilised.

High puncture resistance.

High flow rate.

Easy to cut.

Important - Although this product has been UV stabilised it is advisable to store it out of direct sunlight until it is used.





ENVIROMAT® WATER RETENTION BLANKET

■ **PRODUCT ORDER CODE** ENV-WRM

■ **STANDARD SIZE** Weight: 0.4kg/m²
 Thickness: Approx. 2.5mm
 Coverage: 1m²
 Water capacity: 4.5-5.5 litres per square metre
This product is sold per square metre.

■ **DETAILS** Our water retention blanket is made from 100% recycled synthetic fibres. It's high water retaining capacity makes it great for use under sedum blanket on mounds, where watering can be tricky. The dense mat can also be used to suppress weeds.

■ **USES** Watering pot plants.
 Suppressing weeds.

**100% RECYCLED
CAPILLARY MAT WITH
HIGH WATER HOLDING
CAPACITY.**

FEATURES

- 100% recycled.
- Lightweight when dry.
- Holds up to 5.5 litres per square metre when saturated.
- Rot and mould resistant.



INTRODUCING OUR SOIL, BARK & SUBSTRATE 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

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 difficult to work with and can have drainage issues. Peaty soil is fantastic but if you're buying it in please make sure it's from a sustainable source. A dark coloured soil suggests that it contains lots of organic matter. Organic matter = plant nutrients which means 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 comes in 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 quality varies depending on 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 we produce high-quality turf on these soils and 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 and turf is no different. Our turf has a year-round deep green colour. Installing our turf onto rich organic topsoil will ensure it retains that characteristic.

Beds, Borders and General Planting

Raised beds are one of the most convenient ways of growing herbs, vegetables, flowers and fruit. They're accessible, neat and easily managed - you never have to step on the soil. So, no compaction and in theory you won't ever need to dig them over.

CHOOSING THE RIGHT SOIL OR SUBSTRATE IS AN ESSENTIAL PART OF ANY LANDSCAPING PROJECT. WHETHER IT'S 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

Name	Stock Code	Size	Certification	1	2	3	4	5	6	7	8	9	10	11
Harrowden Screened Topsoil	SOIL-20MMSCREENED	600 Litres	BS3882:2015	■	■	■	■	■		■				
Harrowden Enriched Planting Soil	SOIL-COMPOSTLOAM	600 Litres	BS3882:2015	■	■	■	■	■		■		■		
Evergreen Enriched Lawn Soil	SOIL-EVERGREEN LAWN	20 litres	BS3882:2015	■	■	■	■	■	■	■		■		
70:30 Rootzone	SOIL-TOPDRESSING	700 litres	BS3882:2015	■				■	■					
Low Nutrient Topsoil	SOIL-LOW NUTRIENT	600 Litres	BS3882:2015								■			
Low Nutrient Topsoil	SOIL-LOW 20L	20 litres	BS3882:2015								■			
Harrowden Free Draining Subsoil	SOIL-SUBSOIL	700 litres	BS8601:2013			■				■			■	
Harrowden Medium Coarse Washed Sand	SOIL-WASHED SAND	700 litres							■					■
Harrowden Bark Fines	BARK-FINES-BULK BAG	700 litres	FSC Certified									■		
Harrowden Extensive Substrate	ENV-SUB	600 litres	FLL-Green-Roofing Guidelines 2018											■
Harrowden Extensive Substrate	ENV-SUB25	25 Litres	FLL-Green-Roofing Guidelines 2018											■

Key: (1) Turfing (2) Flower beds and Border (3) Tree & Shrub Planting (4) Fruit & Vegetable Planting
 (5) Grass Seeding (6) Lawn Top Dressing (7) General Landscaping (8) Wildflower Planting
 (9) Improving Existing Soils (10) SuDS Schemes (11) Extensive Green Roofs

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 it needs 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. It's great for potting up plants in the greenhouse and 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 wildflowers you need to take a completely different approach.

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 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.

Garden substrates, soil and bark

Our range of soils provide the perfect foundation for your landscaping project with a collection of garden substrates, soil and bark. If you're re-laying your lawn, improving your garden, building raised beds or building a biodiverse green roof, Harrowden is where you will find the ideal growing medium to help your plants flourish.

Within our range we have low fertility soil for wildflowers, washed sand and free-draining subsoil, as well as rootzone, composted bark fines and topsoil. For topdressing and levelling we have Enriched Lawn Dressing from Evergreen and bulk bags (35 or 50 litres) of Bark Fines, Manure, Pine Bark Nuggets and Soil Improver from Heart of Eden.

“ EXCELLENT JUST WHAT I NEEDED FOR MY MEADOW TURF. ALSO I WOULD LIKE TO SAY THANK YOU TO STAFF WHO ASSISTED ME WITH MEASUREMENTS AND AMOUNT REQUIRED. ”

C. Bellamy (July 2023)



HARROWDEN SCREENED TOPSOIL

■ **PRODUCT ORDER CODE** SOIL-20MMSCREENED

■ **STANDARD SIZE** 600 litres

■ **WEIGHT:** 660kg

■ **COVERAGE:** 24m² (28.7yd²) 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.

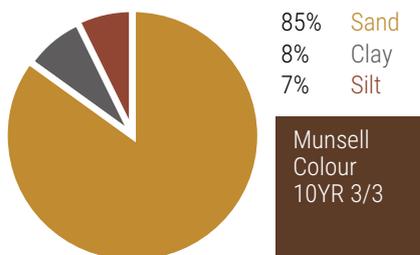
■ **DETAILS**

A British Standard (BS3882:2015) tested Loamy Sand 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 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. 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 OF 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 organic matter providing a full range of plant nutrients.
Odour free.
Medium fine granular structure.
pH 8.1.
Munsell Colour 10YR 3/3 (dark brown).

MIRACLE-GRO® EVERGREEN® ENRICHED LAWN SOIL

■ **PRODUCT ORDER CODE** SOIL-EVERGREEN LAWN

■ **STANDARD SIZE** 25 litres

■ **WEIGHT:** 20kg

■ **COVERAGE:** 1m² (1.19yd²) 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.

■ **USES**

- General landscaping.
- Turfing and seeding.
- Lawn repair.
- Lawn top dressing.

■ **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).

HARROWDEN ENRICHED PLANTING TOPSOIL

■ **PRODUCT ORDER CODE** SOIL-COMPOSTLOAM

■ **STANDARD SIZE** 600 litres

■ **WEIGHT:** 60kg

■ **COVERAGE:** 24m² (28.7yd²) 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 Loamy Sand screened to 20mm. 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 with friable soil ideally suited for a wide range of planting or as a final layer when turfing. Harrowden Enriched Planting Topsoil is enhanced with a slow-release fertiliser, adding Phosphorus, Magnesium and Nitrogen to the organic matter. This provides a sufficient reserve of all major plant nutrients with no contaminants that are considered toxic to plants, human life or the environment. This soil suits plants with a wide pH tolerance.

■ **USES**

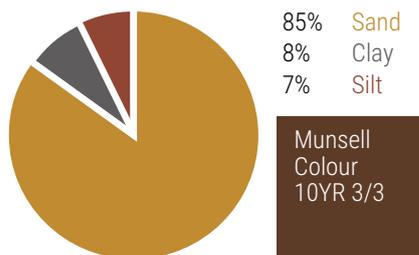
Growing fruit and vegetables.

Turfing.

Raised beds and borders.

Tree and shrub planting.

■ **COMPOSITION AND COLOUR**



OUR OWN BLEND ENHANCED NUTRIENT, ORGANIC SCREENED LOAM. IDEAL FOR IMPROVING EXISTING SOILS, GENERAL PLANTING AND TURFING.

FEATURES

Enhanced nutrition - contains slow release fertiliser for added plant growth.

Screened to 20mm.

Friable.

Free draining.

Low saline content.

Fertile – contains organic matter providing a full range of plant nutrients.

Odour free.

Medium fine granular structure.

pH 8.1.

Munsell Colour 10YR 3/3 (dark brown).

HARROWDEN LOW NUTRIENT TOPSOIL

■ **PRODUCT ORDER CODE** SOIL-LOW NUTRIENT

■ **STANDARD SIZE** 600 litres

■ **WEIGHT** 660kg

■ **COVERAGE** 24m² (28.7yd²) 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.

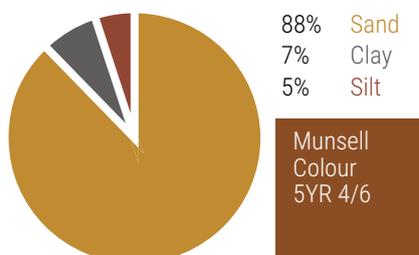
■ **DETAILS**

A British Standard (BS3882:2015) tested Loamy Sand Topsoil screened to 10mm, suitable for the establishment of species-rich wildflower areas. This predominantly sand based soil has a fine single grain structure, making a 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).

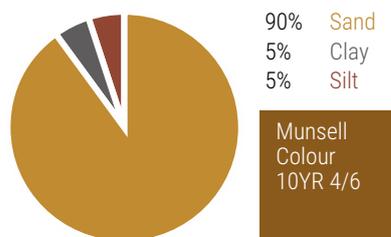
HARROWDEN LOW NUTRIENT TOPSOIL 20L

- **PRODUCT ORDER CODE** SOIL-LOW 20L
- **STANDARD SIZE** 20 litres
- **WEIGHT** 20kg
- **COVERAGE** 1m² (1.19yd²) to a depth of 20mm (0.78")
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 20mm, suitable for establishment of species-rich wildflower areas. This predominantly sand based soil has a fine single grain structure, making a 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 phosphorus.
- Low overall fertility to prevent domination by grasses and aggressive weeds.
- Odour free.
- Fine grain structure.
- pH 7.8.
- Munsell Colour 10YR 4/6 (medium dark orange).



ENVIROMAT® GREEN ROOF SUBSTRATE

- **PRODUCT ORDER CODE** ENV-SUB
- **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 medium for extensive roof systems, because it retains moisture whilst also remaining lightweight.
- **USES** Extensive Green Roofs.
Areas where controlled nutrition and drainage are important.

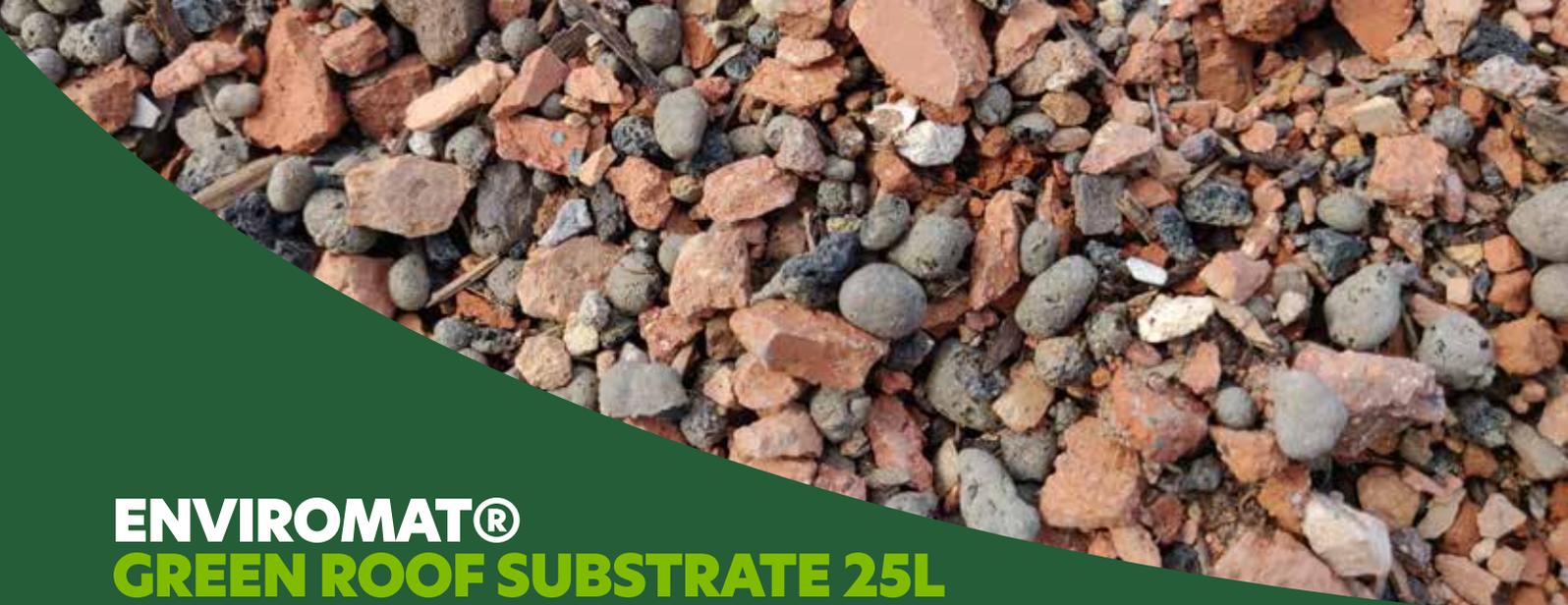
AN EXTENSIVE GREEN ROOF SUBSTRATE THAT PROVIDES THE PERFECT BASE FOR ESTABLISHING A GREEN ROOF INSTALLATION.

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



ENVIROMAT® GREEN ROOF SUBSTRATE 25L

- **PRODUCT ORDER CODE** ENV-SUB25
- **STANDARD SIZE** 25 Litres
Dry Weight: 22kg
Saturated Weight: 33kg
- **COVERAGE** 1m² (1.19yd²) 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, because it can retain moisture whilst also remaining lightweight.
- **USES** Extensive Green Roofs.
Areas where controlled nutrition and drainage are important.

RECYCLED CRUSHED BRICK WILL RETAIN MOISTURE BUT STILL BE LIGHTER AND MORE EFFECTIVE THAN SOIL.

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 7.7.
- Handy carry sized bags.

30% 10mm PAS green compost
70% Mineral Material





HEART OF EDEN SPECIALIST SOIL RANGE

Our range of soils provide the perfect foundation for your landscaping project with a collection of garden substrates, soil and bark. If you're re-laying your lawn, improving your garden, building raised beds or building a biodiverse green roof, we can help you find the ideal growing medium to help your plants flourish.

Within our range we have low fertility soil for wildflowers, washed sand and free-draining subsoil, as well as rootzone, composted bark fines and topsoil. For topdressing and levelling we have Enriched Lawn Dressing from Evergreen and bulk bags (35 or 50 litres) of Bark Fines, Manure, Pine Bark Nuggets and Soil Improver from Heart of Eden.

The Heart of Eden range is produced in the heart of the Eden Valley in Cumbria. With the River Eden at its centre, it stretches from the charming market town of Penrith to the rolling Howgills, with the Pennines to the east and the towering Lake District fells to the west.

The Heart of Eden range comes from sustainable sources with a low carbon footprint. The range is ideal for both smaller projects and large schemes.

AT THE HEART OF SUSTAINABLE GARDENING.





HARROWDEN PINE PLAY BARK

- **PRODUCT ORDER CODE** BARK-PLAYBARK
- **STANDARD SIZE** 60 litres
- **WEIGHT:** 17kg
- **COVERAGE:** 0.6m² (0.07yd²) 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 5% white wood.
Minimal dust and fine material.
- **USES** Play areas.
Flower beds & borders.
Around trees.
Pathways.
Ground cover applications.

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

**A HIGH PERFORMANCE
PLAY CERTIFIED 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).
- FSC® Certified.
- Reduces weed growth and evaporation.
- Lasts for up to 5 years when installed 350mm deep.
- Natural pine aroma.
- Dark brown colour.
- Medium sized 18 - 35mm.
- pH 4.5 – 5.5.



HARROWDEN ORNAMENTAL PLAY BARK

- **PRODUCT ORDER CODE** BARK-ORNAMENTAL
- **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.

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

PLAY CERTIFIED 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.



INTRODUCING OUR FERTILISERS, FEED & PEST CONTROL

Why Harrowden 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 weeds 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 rely on 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 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 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.

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

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 ABSORBING CO².



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 Rejuvenator has been formulated to provide the right balance of nutrients for the winter months. Rejuvenator contains 3 active microbes meaning it can also be used as an effective thatch and moss eliminator, helping to improve water penetration, nutrient distribution and root strength.

“ WE HAVE BEEN USING THIS PRODUCT FOR OUR GREEN ROOF FOR SEVERAL YEARS AND FIND THIS THE EASIEST AND MOST CONVENIENT PRODUCT TO USE AND GIVES REALLY GOOD RESULTS.”

T. Harris (January 2020)

Feeding Sedum and Green Roofs

Looking after sedum plants is just as important, whether it's 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 gone. Your sedum 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 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
FERT-HTPRETURF10KG
FERT-HTPRETURF20KG
- **PACKAGED WEIGHT** 2kg - coverage 100m² (119yds²)
10kg - coverage 500m² (589yds²)
20kg - coverage 1000m² (1196yds²)
Application rate: 20g/m²
- **DETAILS** Harrowden 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% (P:1.8%)
Potassium Oxide (K2O) 8% (K:6.66%)
Magnesium Oxide (MgO) 3% (Mg: 1.8%)
Iron (Fe) 0.5%
Sulphur Trioxide (SO3) 22.6% (S: 10.6%)
Trace Elements
ONYX
Zeolites
Seaweed
- **USES** Pre-seeding or turfing of new lawns.
Feeding an existing lawn.

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 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 year. For best results avoid use during heat waves or drought unless watered well in.

Important - Do not exceed the recommended application rate. This product contains iron and will cause staining to hard surfaces like concrete and paving.



VIVID GREEN SPRING/SUMMER LAWN FEED

■ **PRODUCT ORDER CODE** FERT-HTSS2KG

■ **PACKAGED WEIGHT** 2kg
Application rate: 20g/m²
Coverage: 100m² (119yd²)
This product is sold per container.

■ **DETAILS** Harrowden Vivid Green is formulated with 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) 15.6%
Phosphorus Pentoxide (P2O5) 3.2% (P:1.4%)
Potassium Oxide (K2O) 6.4% (K: 5.3%)
Sulphur Trioxide (So3) 18.1% (S: 7.2%)
Magnesium (MgO) 2.4% (Mg: 1.4%)
Iron (Fe) 0.4%
Trace Elements
Ziolites
Seaweed
ONYX

■ **USES** Feeding an established lawn between March and September.

**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.

Important - Do not exceed the recommended application rate. This product contains iron and will cause staining to hard surfaces like concrete and paving.



REJUVENATOR AUTUMN/WINTER LAWN FEED

■ **PRODUCT ORDER CODE** FERT-HTAW2KG

■ **PACKAGED WEIGHT** 2kg
Application rate as winter feed: 20g/m²
Coverage: 100m² (119yd²)
Application rate as moss control and thatch buster: 100g/m²
Coverage: 20m² (24yd²)
This product is sold per container.

■ **DETAILS** Harrowden 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) 6.4%
Phosphorus Pentoxide (P2O5) 3.2% (P: 1.4%)
Potassium Oxide (K2O) 18.3% (K: 5.2%)
Sulphur (So3) 18.2 (S: 7.3%)
Magnesium (MgO) 2.4% (Mg:1.4%)
Iron (Fe) 0.4%
Trace Elements
ONYX
Zeolites
Seaweed

■ **USES** Feeding an established lawn between October and March.
Controlling moss and thatch.
Contains microbes Phanerochaete, Trichoderma and Bacillus to control thatch and moss in winter.

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.
- Improves water penetration and nutrient distribution.



Important - Do not exceed the recommended application rate.
This product contains iron and will cause staining to hard surfaces like concrete and paving.

ENVIROMAT® NATURAL GREEN ROOF FEED

■ **PRODUCT ORDER CODE** ENV-NUTRIFUSION
ENV-GR FEED10
ENV-GR FEED25

■ **PACKAGED WEIGHT** 2kg - coverage 65m² (77yds²)
10kg - coverage 325m² (388yds²)
20kg - coverage 650m² (777yds²)
Application rate: 30g/m².

■ **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% (P:1.8%)
Potassium Oxide (K2O) 8% (K:6.66%)
Magnesium Oxide (MgO) 3% (Mg: 1.8%)
Iron (Fe) 0.5%
Sulphur Trioxide (SO3) 22.6% (S: 10.6%)
Trace Elements
ONYX
Zeolites
Seaweed

■ **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.



BIOLOGICAL PEST CONTROL



Not everyone views pests and diseases in the same way. One person's weed is another person's pride and joy so we can only try to support you where we can.

The biological solution means Nematodes - microscopic, wormlike creatures which can help address specific pests in the garden.

Nematodes enhance soil quality in four major areas: regulating the populations of other soil organisms, turning nutrients into plant-available forms, providing a food source for other soil organisms and consuming disease-causing organisms.

Nemaslug Slug Killer

Nemaslug® is the number one wildlife-friendly solution for slugs. Nemaslug® slug killer will not harm children, pets, birds and wildlife. Nemaslug® kills slugs above and below ground. The nematodes in Nemaslug® are found naturally in the UK and have been approved for use in organic gardening by The Soil Association.

Chafer Grub Killer

Chafer grubs are the soil-dwelling larvae of chafer beetles and can quickly destroy your pristine lawn. This chemical-free, natural biological solution will quickly rid your lawn of this unwanted visitor.

Biological Chafer Grub Killer is a natural product containing beneficial nematodes which seek out and kill chafer grubs. The nematodes then reproduce inside the dead pest and release a new generation of hungry nematodes, which disperse and search for further prey.

Nemasys Fruit & Veg Protection

Nemasys® Fruit and Vegetable Protection is a natural solution for the most common insect pests in your garden. The unique combination of *Steinernema feltiae* and *Steinernema carpocapsae* nematodes will protect your fruit and vegetables for up to 2 weeks.

Each pack of Nemasys® Fruit and Veg Protection provides protection against Carrot Root Fly, Cabbage Root Fly, Cutworms, Onion Fly, Sciarid Fly, Gooseberry Sawfly, Codling Moth, thrips and caterpillars.

Nemasys Leatherjacket Killer

Nemasys® Biological Leatherjacket Killer is a natural product containing beneficial nematodes which seek out and kill the larvae. The nematodes then reproduce inside the dead pest and release a new generation of hungry nematodes, which disperse and search for further prey.

Nemasys No Ants

Ants that nest in lawns and borders can be a real problem. A natural and organic solution is to use Nemasys® No Ants. Adult ants will not tolerate the presence of nematodes and will move their nests away from treated areas. Rather than killing the adult ants they relocate to another area.





CHEMICAL PEST CONTROL

Having a great looking lawn and garden is really important, especially if you've been caring for it constantly, trying to keep it lush and vibrant. However, there are always those little things working against you. And by "little things", we mean all of those annoying pests and diseases that pop up in your garden, ruining your pristine lawn.

With everything from Earthworms to Aphids, Fusarium to Redthread, Chafer Grubs to Leatherjackets these can be very troublesome. They will damage your grass, mess up your plants and generally turn your garden into a shadow of its former self.

Leatherjacket grubs are the larvae of Crane Fly (Daddy Long Legs), which are commonly seen flying about in summer and autumn. Chafer Grubs are soil-dwelling larvae of Chafer Beetles whilst Fusarium Patch Disease is the most common disease of turf in the UK.

Naturally, you'll want to either get rid of these garden pests or at least keep them under control. We have developed a range of products to help you to do that.

Weedol® Gun Lawn Weedkiller

Comes pre-mixed in an easy-to-use hand sprayer. It has been formulated for use on a lawn, killing weeds but not the grass. It is quick and easy to use meaning it is ideal as a spot treatment for opportunist weeds like Chickweed and Dandelions.

We recommend not to use this product on a newly laid lawn or seeded area. New lawns should not be treated for the first 2 months and should only be treated when actively growing. For larger areas we would recommend using Weedol® Lawn Weedkiller Liquid Concentrate.

Weedol® Lawn Weedkiller Liquid Concentrate

A concentrated version of Weedol® Gun!™ Lawn Weedkiller for controlling

weeds over a larger area. It is an easy to mix concentrate that has been formulated for use on a lawn, killing weeds but not the grass. It is ideal as a general lawn treatment. We recommend not to use this product on a newly laid lawn or seeded area. New lawns should not be treated for the first 2 months and should only be treated when actively growing.

Roundup Optima+ Concentrate

This easy to mix liquid concentrate is approved for use all around the garden. It's ideal for killing stubborn weeds in gravel areas, paths, drives and along fences. It can be used to clean up weedy areas before planting vegetables, flowers, shrubs and to renovate overgrown areas. Because Roundup® Optima+ Concentrate is a systemic total kill weedkiller, it is ideal for use before turfing or seeding to create a clean seedbed for your new lawn. Roundup® Optima+ is activated on contact with the soil and is then broken down by micro-organisms to allow replanting the following day.





INTRODUCING OUR TOOLS AND WATERING RANGE

Having the right products is just the beginning so our range of tools is designed to put the right tool in your hand whether you are laying turf, looking after turf, caring for green roofs and sedums or just taking care of your garden.

The right tool will make any work easier, so we hold a stock of tools to help you lay turf easily and efficiently, help you look after your turf or your clients' turf, get you started with green roofs and keep your garden and your clients' gardens looking their best.

Not only that but if you have been thinking about going electric – now is the time. We are now working with Kress and we have an extensive range of their battery electric tools available. Unlike traditional brands that have added cordless models to their core ranges Kress has been manufacturing electric motors exclusively for almost a century. An icon of German engineering, they are known for quality, durability and dependability.

Alongside Kress we have expanded our range which now covers laying boards, a larger range of Hozelock hoses, reels and fittings plus, spreaders and sprayers, aerators, lawn edging, tree rings, weed control fabric and the pins to fix it.

Tools

Keeping borders and edges just so becomes much easier with our lawn edging,



**RIGHT PRODUCT,
RIGHT TOOL - SURELY
THERE IS NO OTHER
WAY IN THE GARDEN.**



FISKARS®

HOZELOCK

Kress® 

Kress® 
Commercial

**WE CAN SUPPLY ANY OF
THEIR PRODUCTS AND
THEIR RANGE IS TRULY
EXTENSIVE.**

**PLEASE CALL ON
01832 777100
FOR MORE DETAILS.**



lawn edging support pins and tree rings which are available in two colours as well as different sizes. For many gardening applications the issue is holding everything in place. Our bio-degradable turf pegs can be used to pin down weed control fabric whilst our turf laying boards are perfect for laying turf. Allowing you to work on your new turf without the risk of damaging it.

As proud British turf suppliers, we provide all the necessary equipment to lay turf and look after your lawn. No matter what you need to make sure that your garden project is a success, we have it covered. So, get your turf laying off to the right start with our range of turf tools and equipment.

Watering

There are hoses and there are hoses. The Hozelock system comprises tap fittings and connectors as well as hoses they have adopted five-layer technology to keep weight low, to keep your hose straight and kink-free and to resist UV and frost. We have a Starter Kit to get you started as well as two types of sprinklers, two types of spreaders and a hand-held feeder.

**“ THE SOIL ARRIVED,
THE BAGS WERE FULL
WITH THE BEST
TOPSOIL YOU COULD
ASK FOR, SO YES I
WOULD BUY FROM
TURF ONLINE AGAIN,
NOT THE CHEAPEST,
BUT YOU GET WHAT
YOU PAY FOR. ”**

P. Townson (2023)





HOZELOCK WATERING RANGE

Nothing is more critical to the vitality of a new lawn than water. From a garden sprinkler starter kit for those new to gardening or strapped for time, to the Hozelock Ultimate Hose, we can supply all your watering needs.

Founded in 1959, Hozelock are a global garden equipment manufacturer based in Birmingham with over 75% of their products made in Britain.

They aim to combine a knowledge and passion for gardening with a pride in craftsmanship, developing gardening solutions that help gardens flourish and come to life.

Being hands-on in the garden can be very rewarding. With over 60 years of horticultural expertise Hozelock understands the rewards of gardening and have developed their range to help gardeners get the most from their gardening. From hoses to composters; reels to sprinklers; connectors to spray guns, their range has everything you could need.

Every product is made to work time after time, so that their customers can care for their gardens in the best possible way. As a result, Hozelock is one of Britain's favourite gardening suppliers. They continually invest in their product range expanding into garden watering, garden spraying, plant protection and pond solutions.

**NOTHING IS MORE
CRITICAL TO THE
VITALITY OF A NEW
LAWN THAN WATER.
FROM A GARDEN
SPRINKLER STARTER
KIT TO THE HOZELOCK
ULTIMATE HOSE WE
HAVE WATERING
COVERED.**

**WITH 65 YEARS
OF INNOVATION
HOZELOCK PRODUCTS
ARE CREATED BY
GARDENERS,
FOR GARDENERS.**



**WE CAN SUPPLY ANY OF
THEIR PRODUCTS AND
THEIR RANGE IS TRULY
EXTENSIVE.**

**PLEASE CALL ON
01832 777100
FOR MORE DETAILS.**



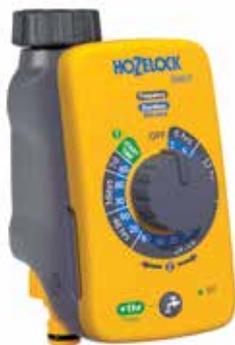
HOSES

Built to last
 TNT Anti-Twist
 Ultralite – 25% lighter than equivalent hoses
 Soft & Flex technology.



SPRAY GUN

Multiple spray patterns
 Two stage trigger
 Variable flow control



CONTROLLER

Simple and easy to use
 16 Preset programmes
 Battery powered



SPRINKLERS

Easy adjustment
 Even coverage
 Durable and long lasting



CONNECTORS

Click & Connect Technology
 High quality
 Durable and long lasting



KRESS POWER TOOLS

Kress was founded in Germany in 1928. With more than 90 years of experience in electric motors, R&D and production and more than 50 years of experience in the creation and production of power tools, several generations of professional users have trusted Kress and no-one else.

Unlike traditional brands that are adding cordless models to their core ranges, Kress has been manufacturing electric motors exclusively for almost a century. An icon of German engineering, it is known for quality, durability and dependability.

In 2017 Kress went all-in into the development of cordless outdoor power equipment for commercial landscapers and demanding homeowners.

KRESS is the benchmark brand of power tools for professionals. The entire range of products enjoys high quality and innovative technology, earning a positive reputation from end users all over the world.

Our Kress Commercial offer includes the RTKn range of robotic mowers as part of our extensive range for consumer and commercial landscapers. We can offer dedicated finance with little or no upfront costs for commercial users and attractive fixed monthly costs. Get in touch for full details.

Not only do Kress tools rival traditional petrol-operated equipment in terms of power, but they can also dramatically reduce operating costs and carbon footprint.

IF YOU'VE BEEN WAITING TO GO ELECTRIC, NOW IS THE TIME. WITH KRESS: SAME POWER, FAST RECHARGE, CHEAPER TO RUN.



WE CAN SUPPLY ANY OF THEIR PRODUCTS AND THEIR RANGE IS TRULY EXTENSIVE.

PLEASE CALL ON 01832 777100 FOR MORE DETAILS.



FANTASTIC BIT OF KIT - DITCHED THE 2 STROKE AND SAVING OVER £15 A WEEK ON FUEL.

KRESS 38cm BRUSH CUTTER
P. Lancaster (2025)



**3+4 years for 40V tool
1+1 years for 20V tool
2 years for battery**

Warranty



BLOWER

- Brushless motor technology
- High power – Light weight
- Quiet operation
- Lower maintenance



MOWER

- Lower maintenance
- Brushless motor technology
- Ergonomic handle
- High bagging capacity
- Interchangeable battery tech



GRASS STRIMMER

- Brushless motor technology
- Quick line load
- ECO mode
- Interchangeable battery tech



CHAINSAW

- 18m/s chain speed
- Tool-less chain tensioning
- On board battery indicator
- Cordless corded power



CORDLESS DRILL

- Brushless motor technology
- Longer run time
- Greater power
- Variable speed



FISKARS GARDEN TOOLS

We have selected Fiskars' garden tools to bring quality and longevity to your toolbox. Fiskars has a rich history stretching back to the seventeenth century. They bring all those generations of expertise to bear in their latest range. We have chosen a very specific variety of tools to add value to your garden, some of which have won Red Dot Awards for product design.

All Fiskars handheld tools are made with a high-quality and comfortable grip providing maximum control without the risk of slipping. From ergonomic Fiskars shears for trimming lawn edges and small bushes, to steel-bladed pruners to quickly cut through dead stems and branches, you can care for your garden with precision and durability.

Fiskars tools offer durability for their larger garden equipment, too, all adopting the distinctive orange and black design. Their rakes excel at soil aeration and general garden tasks, while their edgers, with a flat rectangular blade, are built to create precise borders next to hard surfaces and driveways. All these tools combine efficiency with Fiskars' long-standing tradition of quality.

As one of the UK's highest-rated turf suppliers, we aim to make buying tools as simple and fuss-free as possible, Fiskars helps us make that happen.

AS ONE OF THE UK'S HIGHEST-RATED TURF SUPPLIERS, WE AIM TO MAKE BUYING LAWCARE ASSIMPLE AND FUSS-FREE AS POSSIBLE. FISKARS HELPS US MAKE THAT HAPPEN.



WE CAN SUPPLY ANY OF THEIR PRODUCTS AND THEIR RANGE IS TRULY EXTENSIVE.

PLEASE CALL ON 01832 777100 FOR MORE DETAILS.



PRUNERS

- Lightweight & comfortable
- Precision ground blade
- SoftGrip handle
- PVC free



TROWELS

- Lightweight
- Non-corrode composition
- Blade can be sharpened
- Easy storage hanging hole

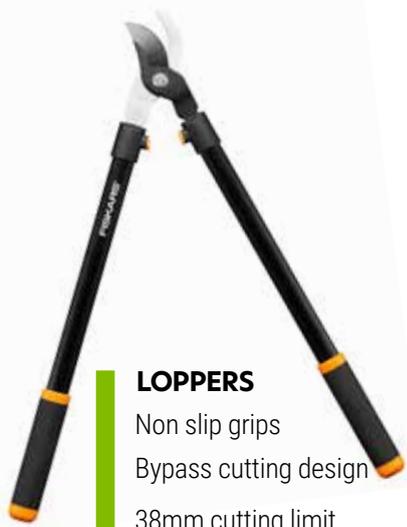
“VERY GOOD ORDER AND DELIVERY PROCESS AND IDEAL TO BE ABLE TO BOOK A 8-11 SLOT SO YOU CAN LAY TURF ON DAY OF ARRIVAL HAVING ORDERED A FEW DAYS AHEAD. PRODUCT WAS AS DESCRIBED AND HAS QUICKLY ESTABLISHED AND LOOKS ATTRACTIVE WITHIN WEEKS. GOOD ADVICE ALSO ON WEBSITE.”

K.Smithson (2023)



AXES

- Light sturdy shaft
- Ultralight & durable
- Fibercomp construction minimises fatigue
- Anti-shock surface



LOPPERS

- Non slip grips
- Bypass cutting design
- 38mm cutting limit



GARDEN SAWS

- Double prong teeth
- Compact size
- Lightweight design
- Lockable blade

HARROWDEN BIO-PEGS

- **PRODUCT ORDER CODE** SUND-BIOPEG10
- **LENGTH** 150mm
This product is supplied in packs of 10.
All measurements are approximate.
- **COLOUR** Red
- **DETAILS** Harrowden Bio-Pegs are made in the UK from 90% recycled materials. The unique bio-polymer compound is fully biodegradable within 5 years. The materials used in Bio-Pegs should not be confused with oxy-degradable plastics which break up into smaller pieces, resulting in harmful micro-plastics. A large dome head with four barbs along two sides ensures tight anchoring of both landscape fabrics and turf.
- **USES** Anchoring of landscaping fabrics.
Securing turf, wildflower and sedum blankets on slopes.

**FULLY BIODEGRADABLE
PEGS FOR A RANGE OF
LANDSCAPE
APPLICATIONS.**

FEATURES

- Lightweight and durable.
- 100% biodegradable.
- Easy to install.



HARROWDEN LAWN EDGING

■ PRODUCT ORDER CODE

SUND-CEDGEB100 – Powder Coated Brown RAL 8028

SUND-CEDGE100 – Corten Weathered Finish

■ **OVERALL LENGTH** 1057mm

CONNECTED LENGTH 1000mm

This product is supplied by the single length

Face height: 100mm

Thickness: 1.6mm

Spike length: 95mm

Approximate weight: 1.6kg

All measurements are approximate.

■ DETAILS

Flexible steel edging available from stock in two colours (brown and Corten) and to order in five more. This edging is manufactured from 1.6mm mild steel making it both durable and easy to work with. The dual lock mechanism provides a secure and sturdy connection between two sections, making for quick and easy installation without the need for specialist tools. The brown finish is a 110-micron UV resistant powder coating on top of a 20-micron galvanised zinc coating. This gives a long lasting finish for up to 15 years. The Corten finish has a stable rust-like appearance for a natural look.

For added strength, a 300mm rebar pin can be used to give added stability along the edge of drives or pathways. SUND-CEDGEPIN comes in packs of 5 and also fits our range of tree rings.

■ **COLOURS** Powder Coated Brown - RAL 8028
Corten Weathered Finish



■ **USES** Lawn and border edging.
Patio and path edging.

Important - Corten steel products can have some rusted runoff as they weather, which can cause staining on certain surfaces.

A DURABLE EDGING SUITABLE FOR A RANGE OF APPLICATIONS

FEATURES

Optimised for maximum strength and performance.

Weather resistant.

Easy to install.

Bendable.

Matching tree rings also available in a number of sizes.



Other RAL colour options are available to order



HARROWDEN TREE RINGS

■ PRODUCT ORDER CODE

SUND-CTREEB600 600mm Powder Coated Brown RAL 8028
SUND-CTREEC600 600mm Corten Weathered Finish
SUND-CTREEB900 900mm Powder Coated Brown RAL 8028
SUND-CTREEC900 900mm Corten Weathered Finish
SUND-CTREEB1200 1200mm Powder Coated Brown RAL 8028
SUND-CTREEC1200 1200mm Corten Weathered Finish

■ SIZES

Supplied as 1 complete tree ring per pack
Face height: 65mm
Thickness: 1.6mm
Spike length: 85mm
Approximate weight: 600mm 1.75kg,
900mm 2.5kg, 1200mm 3.5kg
All measurements are approximate.

■ DETAILS

Mild steel tree rings available in two colours and three sizes from stock, and five more colours to order. These durable rings are manufactured from 1.6mm mild steel making them easy to work with. The rings come in easy to assemble sections requiring no specialist tools. The brown finish is a 110-micron UV resistant powder coating on top of a 20-micron galvanised zinc coating. This gives a long lasting finish for up to 15 years. The Corten finish has a stable rust-like appearance for a natural look.

For added strength or in soft ground, a 300mm rebar pin can be used to give added stability. SUND-CEDGEPIN comes in packs of 5 and also fits our range of lawn edging.

■ COLOURS

Powder Coated Brown - RAL 8028
Corten Weathered Finish



■ USES

Edge restraint around trees and shrubs.

Important - Corten steel products can have some rusted runoff as they weather, which can cause staining on certain surfaces.

PRE-ROLLED MILD STEEL TREE RINGS FOR A RANGE OF APPLICATIONS.

FEATURES

Available in 3 sizes to suit all applications.

Optimised for maximum strength and performance.

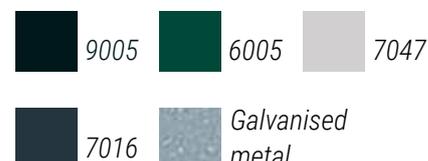
Weather resistant.

Easy to install.

Matching lawn edging is also available in matching colours.



Other RAL colour options are available to order





PLANTEX® WEED CONTROL FABRIC

■ **PRODUCT ORDER CODE** SUND-WEED FABRIC 14

■ **STANDARD SIZE** 1m x 14m
Thickness 0.35mm (0.01")
Weight 68g/m²

Large roll sizes available.
All measurements are approximate.

■ **DETAILS** Made from 100% polypropylene. Plantex® by DuPont is a professional weed control product that has high porosity allowing air, water and nutrients to penetrate whilst still preventing most common garden weeds. The product is UV-stabilised making it a long term durable solution when properly covered. Plantex® was the first product to be endorsed by Kew Gardens and has a proven history of providing an environmentally friendly weed control method.

■ **USES** Under paths, patios and decking.
Laid on top of prepared ground provides the ideal surface to lay turf.
As a weed suppressant for Sedum Ground Mat installation.
Under gravels, bark and mulches to provide long term weed suppression.

**A NON-CHEMICAL
PROFESSIONAL WEED
CONTROL PRODUCT
WITH A PROVEN 30
YEAR HISTORY.**

FEATURES

- Low density.
- UV resistant.
- Does not decompose in any soil type.
- Easy to cut using a utility knife or scissors.
- Very resistant to puncture.
- High porosity allowing nutrients and water to pass through in a controlled manner.
- A truly chemical-free solution.
- 25 year guarantee.



GRITTING, SPREADERS AND SPRAYERS

We have never met a garden that can be left completely to its own devices. There is always something to prune, plant, feed or spray. As the seasons change so the tasks change and whilst spring is all about planting and feeding the winter brings ice and snow-covered pathways which pose significant hazards to both pedestrians and vehicles. In commercial properties like office complexes, retail centres and industrial estates, ensuring the safety of employees, customers and visitors is a top priority.

So, alongside our ever-expanding range of tools, we have reviewed and adopted a range of spreaders for feed, seed, salt and grit covering most applications from watering, spreading, cleaning, feeding and pest control. We have a range of spreaders and sprayers from **Hozelock**, **Scotts** and **Miracle-Gro** whilst large scale winter gritting operations call for specialised equipment designed to spread grit or salt over large areas.

For the colder months proper storage and handling equipment, like salt bins or silos and loaders, are essential for managing and distributing these materials efficiently. We have handheld models for smaller areas to towed or mounted spreaders for larger spaces. These spreaders distribute grit, salt or feed evenly across pathways and roads, ensuring comprehensive coverage.

WE HAVE REVIEWED AND ADOPTED A RANGE OF SPREADERS FOR FEED, SEED, SALT AND GRIT COVERING MOST APPLICATIONS FROM WATERING, SPREADING, CLEANING, FEEDING AND PEST CONTROL.



CHELWOOD RAKES

The Chelwood Tool Company is a family run business specialising in rakes, and they are renowned for excellent quality and design. Their specialist tools complement the Harrowden range beautifully.

Handmade and featuring unique benefits they are available all over the world. Made from high tensile steel with wooden handles they are renowned for top quality.

**THE CHELWOOD
TOOL COMPANY'S
SPECIALIST TOOLS
COMPLEMENT THE
HARROWDEN RANGE
BEAUTIFULLY.**

Chelwood Rake Product Selector

Reference Number	Uses / Benefits
18E Levelling	Short steel teeth are perfect for hard soil. Integral back blade. The 18E is known as "The Landscraper" and is the rake of choice for professional landscapers.
18K	All purpose, soil, grass, stone and leaves.
12E	Smaller version of 18E with back edge blade.
18L	Similar to 18S but with longer teeth.
18S	A coarse rake, ideal for hard soil or clay. No back edge blade.
27S	Designed for high traffic, hard packed and worn areas.
Chelute	A reversible and infinitely extendable galvanised steel levelling trulute.

18E



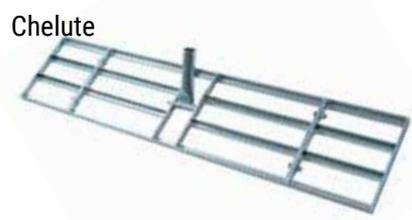
18K



18S



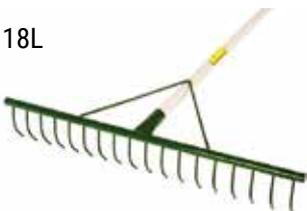
Chelute



12E



18L



27S



**WE CAN SUPPLY ANY OF
THEIR PRODUCTS AND
THEIR RANGE IS TRULY
EXTENSIVE.**

**PLEASE CALL ON
01832 777100
FOR MORE DETAILS.**



HARROWDEN BESPOKE PRODUCTS

Harrowden is never content with our range of products so not only do we add new products and varieties every season, but we are also constantly developing bespoke turf, bespoke wildflower turf and bespoke seed mixes to make sure that you have all the species that you want in your very own dedicated, custom variety.

Bespoke products, in the realm of commercial horticulture, refer to customised solutions tailored to the specific needs and requirements of individual customers. Unlike off-the-shelf products that offer standard features and functionalities, bespoke products are crafted with meticulous attention to detail, taking into account factors like environmental conditions, customer preferences and increasingly biodiversity net gain. Bespoke products can be engineered to optimise performance and yield while addressing the unique challenges faced by customers, landscapers and commercial developers.

Custom-growing allows us to establish direct relationships with customers, understand their preferences, and produce crops that meet their exact specifications. This direct-to-market approach fosters customer loyalty and supports market-leading research and development.

Furthermore, custom-growing also enables us to diversify and tap into niche markets that may be under-served by conventional suppliers.

Moreover, custom-growing fosters greater resilience against market fluctuations and demand volatility as we adapt to changing customer preferences and market dynamics.

OUR ABILITY TO DEVELOP AND GROW BESPOKE TURF, WILDFLOWER, SEED MIXES OR PLANT VARIETIES LIES IN OUR NATIONAL CAPABILITY AND VOLUME GROWING. BY PARTNERING WITH US WE CAN OFFER YOU A MULTITUDE OF BENEFITS.

IF YOU ARE INTERESTED IN DEVELOPING A CUSTOM PRODUCT, THEN PLEASE GIVE US A CALL ON 01832 777100 TO TALK THROUGH YOUR REQUIREMENTS.



2011 Peacehaven Water Treatment Works - 17,800m²

At the time the largest grass roof in Britain, one of the largest green roofs in Europe.

Turf was specially grown using species naturally found in the surrounding area. It took around 15 months to grow the special mix.

A 15 degree roof gradient ensures that the roof blends into the natural landscape of the area.



What would you like us to grow?

Our ability to develop and grow bespoke turf, wildflower, seed mixes or plant varieties lies in our national capability and volume growing. By partnering with us we can offer you a multitude of benefits.

Bespoke products can be designed to maximise efficiency and productivity, thereby enhancing overall crop performance, yield and to meet specific market needs.

While bespoke products may entail higher upfront costs than off-the-shelf solutions, they often yield substantial cost savings in the long run. By optimising resources and minimising wastage, bespoke products drive greater efficiency and profitability over time.

With our bespoke products, customers gain access to personalised support and guidance from our team. We typically offer a comprehensive advisory service to support our partnership.

By developing bespoke products, we can deliver dedicated customer solutions, incorporating advanced technologies and cutting-edge methodologies to deliver superior outcomes.

There are new varieties of grass seed constantly being developed and as the climate changes so UK gardeners and the UK market will be looking for greater drought resistance, more durability and more shade tolerance as tastes and temperatures change. As a consequence, we're happy to think about new seed mixes, Meadowmat wildflower turf varieties, new bespoke Enviromat sedum mats or plant species as well as new turf varieties either as a one-off requirement or on an ongoing basis.

With the variety of wildflower species available the combinations that can be added to, or created within, our Meadowmat wildflower turf are almost infinite so if you have very specific requirements or if you have particular favourites that don't feature in our products at the moment then please get in touch.

IF YOU ARE INTERESTED IN DEVELOPING A CUSTOM PRODUCT, THEN PLEASE GIVE US A CALL AT HEAD OFFICE ON 01832 777100. OF COURSE, WE HAVE MINIMUM REQUIREMENTS FOR ACREAGE AND VOLUME BUT WE LOVE TO TALK ABOUT NEW VARIETIES AND MIXES.

“ FIRST CLASS, FROM DELIVERY TO QUALITY OF TURF, FOLLOWED INSTRUCTIONS FOR CARE AND I'M DELIGHTED WITH THE RESULT. MANY THANKS. ”

A. Rae (2025)

“ EXCELLENT SERVICE, DELIVERED 08.15AM, FOR AN ALL DAY TIME SLOT. POLITE AND HELPFUL DRIVER ALL LAID THE SAME DAY. IT'S LOOKING BEAUTIFUL NOW. 10/10 FOR ME. ”

P. Lacey (2025)



MOBILANE GREEN SCREENS

Mobilane is part of the Darthuizer Group, a leading family-run company that has been at the forefront of innovation and consistently high quality in the environmental landscape for over 80 years. Building on this experience in the green sector, Mobilane was established in 2001. Mobilane has been the market leader for the sustainable development and delivery of patented, innovative green systems for over a decade.

It is their mission to work for a better, healthier living environment growing, developing and supplying Mobilane's innovative systems. Each has unique advantages and properties and has a direct impact on the environment, improving the climate, enhancing property, both commercial and residential and contributing positively to aesthetics, health and well-being.

Mobilane grows and supplies products that meet the "PlanetProof" quality mark. The independent environmental quality label "On the way to PlanetProof" demonstrates that you are buying a product that is produced more sustainably and is therefore better for nature, the environment, climate and wildlife.

Mobilane aims to manage their business with a social conscience. Their production nursery provides employment locally, their outdoor products make a positive contribution to the biodiversity in their immediate vicinity, whilst plant varieties and ecosystems ensure a better quality of air with the production of oxygen, encouraging pollination of plants, helping filter clean water, enriching fertile soil and maintaining a stable climate.





From screening off a shed to creating an alcove, Mobilane green screens can make a dramatic difference and bring a variety of planting to your garden. With a ten year guarantee each hedge unit can be tailored to fit your application and because each unit comes with a bio-degradable base they can be installed all year round, unless there's a frost.

With eleven different species there is bound to be one that will fit with your garden and your planting scheme. From dark greens to light greens, from variegated to full on red berries we like to think we have a green screen for every application and every garden. Whatever your type of garden and whichever you choose we can add security, greenery and privacy in double quick time.

The Mobilane green screen consists of a steel grid, densely intertwined with climbing plants. The plants are supplied in a coconut fibre root container filled with potting soil, with a strong metal frame. The coconut planter is a mixture of coconut fibres (coir), held together by natural latex. Once the Mobilane green screen is installed, the biodegradable coconut planter completely degrades within one to two years. This system allows the full, healthy development of the hedge and its root system. The Mobilane ready-made Living Green Screens can be installed all year round, but avoid planting during a prolonged frost.

Living Green Screens provide instant and effective security and privacy and are used increasingly by homeowners, contractors and councils to provide rigid, evergreen barriers. Ivy screens are low maintenance and easy to install. As well as being much more attractive than traditional fencing, they also improve with time and support an array of wildlife.

MOBILANE'S GREEN SCREENS ARE INSTANT GREEN SCREENS WHICH CAN BRING ADDED SECURITY, PRIVACY AND GREENERY TO ANY GARDEN.

The Mobilane Green Screens have a standard width of 120cm and come in the following varieties:

- Hedera helix "Goldchild"
- Green Ripple
- White Ripple
- Dart's Red
- Glacier
- Dart's Blanket
- Ebbings Silverberry
- Trachelospermum jasminoides
- Hibernica
- Woerner



WE CAN SUPPLY ANY OF THEIR PRODUCTS AND THEIR RANGE IS TRULY EXTENSIVE.

PLEASE CALL ON 01832 777100 FOR MORE DETAILS.



BIODIVERSITY NET GAIN

Biodiversity Net Gain (BNG) is a way of creating and enhancing natural habitats. BNG ensures a development has a net positive effect on biodiversity, measured against the pre-development state.

It is important that you know the BNG rules if you are a:

- developer of major developments
- developer of small sites from 2 April 2024
- developer of nationally significant infrastructure projects from late November 2025
- land manager wanting to sell in the BNG market
- local planning authority (LPA)



BNG has been compulsory since February 2024 under Schedule 7A of the Town and Country Planning Act 1990 (added by Schedule 14 of the Environment Act 2021). Developers must achieve a 10% improvement in BNG. This means a development will create a better natural habitat than before.

Developers should choose and design sites to minimise biodiversity loss. They must achieve at least 10% BNG, as the statutory biodiversity metric shows. Developers have 3 options to reach BNG.

They can enhance biodiversity on-site (inside the development site boundary). This is the preferred option.

If developers cannot achieve all of their BNG on-site, they can do some on-site and some off-site. Developers can either improve biodiversity on their own land outside the development site, or purchase off-site biodiversity units from the market.

If developers cannot do on-site or off-site BNG, they must buy statutory biodiversity credits from the government. This is the last option. The government will use the money to create habitats in England.

Developers can use all three options, but must follow the order. This is the biodiversity gain hierarchy.

HARROWDEN CAN HELP. FROM TURF, MEADOWMAT WILDFLOWER TURF, ENVIROMAT SEDUM AND GREEN ROOFS, WILDFLOWER PLUG PLANTS, BUGHOUSES, GRASS SEED AND WILDFLOWER SEED MIXES. CALL US NOW ON 01832 777100 TO SEE HOW WE CAN HELP YOU ADDRESS BNG EFFECTIVELY.

DNA INSECTSCAN

DNA InsectScan

Using Environmental DNA (E-DNA), the DNA InsectScan is a novel and original way to assess how living walls, green facades and green roofs support biodiversity. The DNA InsectScan reveals the diversity and spread of insect species and how green facades and roofs enhance biodiversity.

The DNA InsectScan report consists of the following parts:

- Introduction, scope of work and description of methodology
- Sampling Plan & Protocol
- Overview of insect species identification (Taxa List) with various tables, plots, statistics and other data
- Visual species overview
- Detailed sampling tables

HOW DOES IT WORK

E-DNA is the genetic material that an organism leaves behind in the environment. It can come from many sources, skin and hair, body fluids, faeces, seeds, pollen. Using molecular methods, E-DNA can be collected, enhanced or analysed to detect the recent occurrence, population size and distribution of a specific species or entire communities.

SAMPLING AND LABORATORY ANALYSIS

Mobilane or an authorized Mobilane Partner will conduct the sampling. Typically they will use grass clippings, leaves, branches and flowers from the scheme as samples. The samples will go to the SGS search lab for analysis. This process takes around six weeks.

All E-DNA project staff have the skills and experience to do the detailed analysis. The great part about InsectScan is that it works on both new and old green facades.

COST

The DNA InsectScan is a customised solution based on your scheme size, and can be done anytime. For more details and costs, please get in touch with us.

BENEFITS OF DNA INSECTSCAN

- Monitor biodiversity effectively and at any scale
- Ease of sampling
- Quantify the success of biodiversity restoration actions in urban and natural environments
- Find out how your scheme contributes to the ecosystem
- Monitor environmental impact through indicator species
- It can be used as part of ESG reporting and can contribute to BREEAM certification for example.



Harrowden

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PRODUCT GUIDE VERSION 5 – AUGUST 2025