

A photograph of two Downy Woodpeckers perched on a tree trunk, facing each other. The birds have black and white patterned wings and backs, with a prominent red patch on their lower bellies. The background is a soft-focus forest scene with bare tree branches.

LANDSCAPE
SUNDRIES

Tree Shelters & Shelter Stakes



Defender-Pro Shrub Shelters

The square construction of the Defender-Pro allows it to be delivered to the point of application flat packed therefore making transport of large quantities easier and more cost effective. The staking method is simple and fast and also allows the shelter to be lifted to assist with maintenance.

Manufactured from environmentally responsible and 100% UV Stabilised polypropylene the Defender-Pro has a built-in radial top lip to minimise abrasion to the tree stem and a line of least resistance to ensure the shelter splits open as the shrub-tree increases in size.

Size: 600mmx150mm



SilviTube Tree Shelters

A completely round, tubular shelter is the most desirable shape, giving the least wind resistance and the smoothest interior.

The Silvitube is a twin walled shelter, extruded in round tubular shape and pressed flat.

With a controlled quantity of UV stabiliser added, it will protect the tree during the early years but will photo degrade in time.

Other benefits:

Built in grooves running the length of the shelter to allow water to drain should the tree fill the tube.

- Grooves allow the shelter to split open to allow for fast growth.
- Supplied with two fitted releasable ties for fast fitting.
- Folds flat for easy storage and transport.
- When released from the pack, it retains the memory of its original shape and returns to its tubular shape.

Description:

Colour: green

Diameter: 90mm with a flared top.

Lengths: 60cm 120cm 150cm

Supplied in bundles of 25



Shelter Stakes

These shelter stakes are sawn square, pointed and pressure treated.

These come as 25mm which is suitable for a lot of applications and 32mm for loose or stony ground and tough weather conditions.

0.9m	0.9m	1.2m	1.35m	1.5m
x25mm	x32mm	x32mm	x32mm	x32mm



Cable Ties

Cable ties can be used as an alternative to staples for fixing mesh guards to stakes.

(Pack 100) 200mm

Spirals & Canes

Spiral Rabbit Guards are vital to the success of rural tree or hedge planting. We have been supplying Standard Spirals for about 20 years and we will continue to supply these for as long as there is a demand. Standard Spirals are made from 100% recycled plastic. We also offer a Biodegradable Spiral option which functions exactly like the Standard Spiral but has no or extremely little negative environmental impact. The use of a 90cm cane is advised for both types.



Standard Spiral Guards

Standard Spirals are available in brown or clear and are provided with holes to allow light and air to reach the tender young shoots. They are available in three lengths and are made from PVC, which retains its shape, even in hot weather.

Size

45cm (brown or clear)

60cm (brown or clear)

75cm (clear)



Biodegradable Spiral Guards

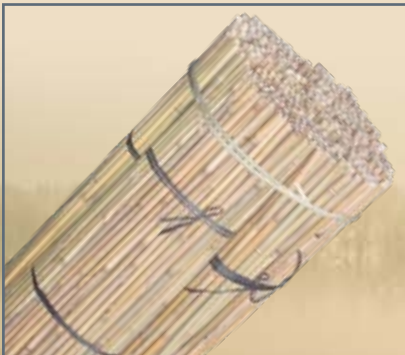
Biodegradable Spirals look and work just the same as the Standard version except that they are an attractive semi-translucent green, designed to blend in with the surroundings. After the Biodegradable Spiral has come to the end of its useful life it will decompose and harmlessly disappear. If you (like us) are committed to doing all you can to protect the countryside please consider using this product.

Size

45cm (green tint)

60cm (green tint)

75cm (green tint)



Canes

We stock a range of canes for use in the landscape industry.

Size

3ft (90cm)

5ft (150cm)

6ft (180cm)

8ft (240cm)

Weld & Plastic Mesh Guards



Mesh Guard Rolls

Made from high density polyethylene, UV stabilised and chemical resistant they provide long term protection from pests such as rabbits and deer. The smooth top minimises bark abrasion.

Colour: Brown

Mesh Aperture: 13x13mm

60cm (50m roll)

120cm (50m roll)



Weldmesh Guards

Used for protecting standard trees from animals and vandal damage, these guards are made from 12 gauge 75mm by 25mm mesh steel galvanised to BS443.

Made in one piece, they are normally stapled to a sturdy tree stake for support.

1.8m x 200mm dia.

1.8m x 300mm dia.



Rabbit Netting

We supply a premium rabbit netting that is manufactured to BS EN 10223 and heavily galvanised to BS EN 10244 providing maximum long life performance. This standard ensures it's eligible for use in grant aided schemes.

Rabbit Netting

1050x30x1.0mm Hex Nett x 50m



Strimmer Guards

Strimmer guards are needed on any trees planted in grass areas to protect the bark from damage by strimmers and other machinery.

225mm x 125mm

Weed Mats



Black UVI Polythene Weed Mat

Black polythene is very economical, reduces water loss through evaporation, and prevents weed growth by excluding light.

60cm x 60cm square

1m x 1m square

1m x 200m roll

1m x cut length (per m)



Black UVI Woven Polypropylene Weed Mat

Woven black polypropylene is the most popular mat, providing the same beneficial features as polythene; but it is tougher and allows water to penetrate.

50cm x 50cm square

1m x 1m square

Fabrics



Landscape Fabric

Our landscape fabric is a permeable membrane to control weed growth.

We consider this to be the best fabric on the market, for this purpose. Dark colour, soft and flexible to follow soil contours and hollows, this fabric also has a rough surface texture to hold mulch.

* Please be aware that this product is not UV stable and will disintegrate if exposed to sunlight (if used correctly and covered in bark mulch etc disintegration will not occur for many years).

We supply our fabrics in 100m rolls or cut to your desired length.

2m x 100m roll

2m x cut length (per m)





Wool/Jute Matting

The biodegradable wool/jute matting is a very high quality product. Wool fibres are punch bonded onto a thin polythene backing, producing a mat which insulates the soil and allows water penetration, but reduces evaporation and eliminates weed competition. Being mid-brown in colour, the mat is unobtrusive to the eye and will degrade in 2-3 years.

1m x 30m roll
2m x 30m roll



Woven Polypropylene Membrane

Woven polypropylene membrane is the best material for use under drives and patios etc. It provides a strong supportive base layer, increasing the load capacity.

We supply our fabrics in 100m rolls or cut to your desired length. For ease of transport the membrane of the 4.15 x 100m rolls have been folded giving a total roll width of 2.07m.

1m x 100m rolls	2.07m x 100m rolls	4.15m x 100m rolls
1m x cut length (per m)	2.07m x cut length (per m)	4.15m x cut length (per m)

Weed Mat Pegs



Plastic Weed Mat Pegs
150mm



Copper Coated Weed Mat Staples
150mm X 100mm

Windbreaks



Windbreaks

To protect from driving rain, drifting snow and destructive winds.

Our windbreaks are manufactured from high-density polyethylene giving you a maintenance free protection, with a life expectancy of up to 20 years against UV degradation.

1m x 50m 360gm
1.5m x 30m 450gm

Urban Tree Planting



Root Barrier

ReRoot 2000/RootStop is a high strength root barrier for deeper applications. This product has been used extensively on many projects, particularly in new service infrastructure projects, business parks and housing developments.

ReRoot 2000/RootStop is rigid enough to hold its form when placed into a trench. This is a big advantage as it will not be dragged downward during backfilling. Market leading puncture resistance and strength, mean that this is the root barrier of choice for specifiers and utility companies requiring root free service corridors. The high puncture resistance of ReRoot 2000/RootStop allows easier compaction close to the barrier ensuring an excellent product/soil interface.

600mm tall (per m)
1000mm tall (per m)



Root Irrigation Kit

The most important requirement in the first years of newly planted trees is sufficient water to the root systems. In surface watering, the bulk of the water runs off or evaporates, resulting in roots forming near the surface, the tree is then unable to withstand periods of drought. The Root Irrigation Kit has been developed to supply water quickly to the base of the root system to encourage deep root growth.

Benefits: Quick and easy to install • Improved drought tolerance • Fast watering
 • Reduces water volume by eliminating wastage.



Tree Protectors

The classic range is a high specification black polymer coated, offering long life protection. They have a unique drive in feet locking system securing the protector into the ground. Supplied in two halves, the protector is simply bolted together using the supplied corrosion resistant fixing bolts. Available in 40cm and 60cm diameters with matching grills.

Black polymer coated for long life protection • Frost proof, will not crack • Easy to install
 Corrosion resistant fixing bolts supplied as standard • Locking feet included

1.8m x 400mm
1.8m x 600mm





Tree Grilles

Where Tree Protectors are placed in paved or hard surface areas the pleasing appearance of the grilles enhances the beauty of a street planted tree and allowing water to reach the root system without the danger of compaction to the surrounding soil.

The grilles are supplied in four pieces and are manufactured in a specially formulated SG Iron making them effectively shatterproof, unlike most other cast iron products on the market. They are available in three different sizes they are supplied as standard with a black painted finish.

80 x 80cm
100cm x 100cm
120cm x 120cm



Tree Grille Frame

The grille frames are manufactured in mild steel and are black polymer coated as standard. Supplied in two pieces, they come fitted with unique 150mm legs enabling the frame and grille to be securely fastened into the ground. These features combined with the drive in foot anchor system found on the classic & Sheep Proof protector range, makes for a comprehensively secure system.

80 x 80cm
100cm x 100cm
120cm x 120cm

How to tie a tree (double-stake and crossrail)



Tree Stakes & Rail



Half Round Rail

Machined and pressure treated, half round rail is used as a cross rail between two stakes for stabilizing newly planted trees.

3.6m x 85mm

0.9m x 85mm



Tree Stakes

We offer machine-turned stakes which give a uniform diameter and a very neat appearance. All stakes are pointed and pressure treated.

1.2m x 50mm 1.65m x 50mm

1.65 x 60mm 1.8m x 75mm

2.4m x 75mm



Post Driver

Large post rammer with steel handles and reinforced top. Used to drive in fence post up to 150cm/6in diameter.

Tree Ties



Buckle Ties

Buckle ties are probably the most commonly used tree tie, they are very easy to fix and easy to adjust. Prices include hoop collars.

Sapling 30cm x 10mm	38cm x25mm	45cm x25mm	60cm x25mm	60cm Heavy Duty x38mm
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Tree Cushions

Tree Cushions, made from strong thermoplastic rubber, have a hollow centre which allows them to adjust to the shape of the tree as it grows. Available in 25mm or 38mm widths, these cushions are suitable for use with buckle ties and tree strapping.

25mm

38mm



Tree Pads

Moulded rubber pads designed to fit snugly between the tree and stake to allow the trees to be pulled firmly to the stake without chafing.

25mm
38mm
50mm



Hoop Collar Spacers

Hoop Collars are available in two sizes for use with buckle ties and tree strapping.

25mm
38mm



Spacer Sleeves

Plastic sleeves are used in conjunction with strapping to act as a buffer between tree stakes when more than one stake is used to support the tree.

30cm x 25mm
30cm x 38mm



Standard Tree Strap

Tree Strapping is available in 25m coils for strong, economical tying of trees. Spacers are available separately.

25mm x 25m roll
38mm x 25m roll



Chainlock

Supplied in 25m coils, this product offers an easily adjustable strap of infinitely variable length. We stock chainlock No. 2, 4 & 5 which are all made from PVC to give a strong strap.

11.4mm w x 2.5mm (thick)
x 25m (No.2)

25.4mm w x 2.5mm (thick)
x 25m (No.4)

25.4mm w x 3.8mm (thick)
x 25m (No.5)

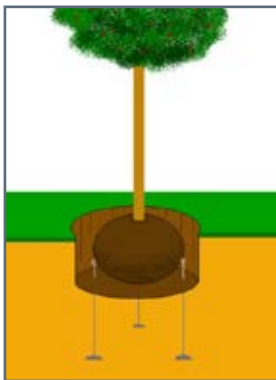


Flexi-tie

A supple brown plastic tubing for tying roses, climbers.

3.5mm dia - 500g - 70mtrs

2.5mm dia - 500g - 120mtrs



Rootball Anchoring Systems

Our Tree Anchor system is a cost effective way for securing trees up to 12m high. The cast aluminium anchor attached to a galvanised cable is driven into the ground using a drive rod and then tension is applied to the cable to lock the anchor in place. The rootball can then be held firmly in place using the tensioner supplied. This is generally the first choice because of the ease of installation and once in place there are no stakes or unsightly cables.

Small (For trees of 10-20cm girth)

Large (For trees of 20-45cm girth)



Fixings



Galvanized Wire Rope Grips

2-3mm
4-5mm



Galvanised Heart Shaped Thimble

2-3mm
4-5mm



Gripples

Medium
Large



Forged Eyebolt Shield Anchors M10E



Vine Eyes Hammer-in

100mm



Vine Eyes Screw-in

75mm (12 gauge)
75mm (18 gauge)
100mm (12 gauge)



Wall Plugs - Brown

Box of 100



Wall Plugs - Red

Box of 100



Galvanised Barrel Strainers

M6
M8



Galvanised Hook Plates

50mm x 50mm
100mm long



Coiled Wire

Linewire High Tensile 2.50mm
25kg (Approx. 650m)

Linewire Mild Steel 2.50mm
25kg (Approx. 650m)

Linewire Mild Steel 3.15mm
25kg (Approx. 410m)



Galvanised Wire Rope

3mm x 100m roll
4mm x 100m roll



Garden Twine

Garden Natural Jute twine 200g 5 Ply
Greentwist Garden Twine 3 Ply
Tarred String (200g)



Tying Wire Green

2mm x 0.5kg coils
(app. 25m)



Tying Wire Galvanized Steel

1.6mm x .5kg Coils
(app. 25m)



Tying Wire Galvanized Steel

1.6mm x 5kg Coils
(app. 250m)



Lawn Fertiliser



Autumn/Winter Turf Feed 25KG

3:10:5 (mini-granular formulation)
Compound Fertiliser 3 - 10 - 5
Apply from September onwards
but not during frosts.
Application Rate: 70g/m²



Lawnsand 25KG

For the control of moss.
(Can be used on all grasses)

Powder formulation
Nitrogenous Fertiliser with Iron
Contains 5.5% w/w Ferrous Sulphate (as FeSO₄)
Application Rate: 135g/m² (4oz/yd²)



Spring & Summer Minigranules 25KG

11 : 5 : 5 (mini-granular formulation)
Compound Fertiliser 11 - 5 - 5
Apply in mid-season on areas subject
to intense use.
Application Rate: 70g/m²



Feed, Weed & Moss Killer 20KG

For the control of many common broad-
leaved weeds and moss in amenity turf
areas such as parks, sports grounds and golf
fairways. Do not use in areas of fine turf such
as golf or bowling greens.

Susceptible weeds: Creeping Buttercup and Plantains

Moderately susceptible weeds: Common Chickweed, Dock, Dwarf Thistle, Sorrel
and Cats Ear.

(powder formulation): Compound Fertiliser with Fe 9 - 2 - 2 + 4.0Fe
Contains: 0.3% MCPA, 0.2% w/w Dichlorprop-p and 10.9% w/w Ferrous Sulphate

Application Rate: 70g/m² (2oz/yd²). Only apply to established turf between spring
and early autumn.

Planting Fertiliser



Bonemeal 10KG (Tub) 25KG (Sack)

Bone Meal is a most valuable organic
fertiliser providing a long lasting slow
release of phosphates and nitrogen.
It can be used before planting by
mixing with soil in the planting hole,
or for established bushes etc. it can be
applied as a top dressing to the soil
each spring.



Fish Blood & Bone 10KG (Tub) 25KG (Sack)

Fish, Blood & Bone is an organic based multi-
purpose plant food which will feed all the
plants in the garden.

Fish, Blood & Bone give long-lasting results
so a single application lasts up to six weeks to
keep plants in best condition and encourage
flowering.



Growmore 10KG (Tub) 25KG (Sack)

Growmore is a multi-purpose plant food with an even balance of nutrients
to feed all the plants in the garden. It can be used when preparing new beds
and to provide essential nutrients throughout the growing season. It can also
be used in preparation of new lawns.

Mycorrhizal Fungi



Rootgrow

Size

360g sachet
1kg sachet
2.5 ltr tub
5 ltr tub
10 ltr tub

Rootgrow is licensed by the RHS and endorsed by RHS gardeners

Both trees planted at the same time - **four years later**

Untreated

Treated

Over 90% of all plants depend on a naturally occurring beneficial group of fungi called mycorrhizal fungi to transport nutrients and water to their roots. In normal conditions it may take up to 5 years for these fungi to naturally colonize freshly established plants. However, when Rootgrow Professional is applied at the time of planting this effect will be achieved in 2-4 weeks.

How do plants benefit?

- 1) One treatment lasts a lifetime. (As the plant grows, the fungal partner multiplies)
- 2) Better drought tolerance. (Due to the vast fungal root making best use of all available moisture)
- 3) Earlier and better growth. (In 2-4 weeks after planting the mycorrhizal fungi can increase the active root area of plants by up to 700 times)
- 4) Better uptake of fertilizers when applied after planting. (The network of mycorrhizal fungi act like a net, catching nutrients and reducing leaching)
- 5) Increased uptake of obscure trace elements from the soil leading to increased plant health. (The ultrafine fungal mycelium can unlock nutrients from the soil)
- 6) Reduced mortality especially bare rooted, rootballed and specimen plants.
- 7) Helps to control soil pathogens. It has been found that in some cases the friendly fungi grow faster and naturally colonise weak points in the roots that pathogens could otherwise infect.

Rootgrow is easy to apply

Either sprinkle dry granules into the planting pit for container grown or rootballed plants, or make a root dip for bare root plants with the gel provided.

How much will I need?

As a guide, use 5gm of rootgrow per litre pot size (Eg. 10gm for a 2lt plant) For bare root plants a 1kg pack will treat 250/300no. 60/80cm plants, or 20no. 8/10 standard trees. Full details are on the packs.



Topbuxus Healthmix is a foliar feed specifically produced in response to the dramatic escalation of Box Blight over the last few years. Topbuxus Health Mix encourages rapid growth in Box plants and at the same time significantly increasing their natural resistance to Blight.

Topbuxus Health Mix is a great product – it totally revived 6 defoliated balls last year!

Jonnie Wake, Landmark Gardens Ltd

Hi, Your product is superb and working wonders with all my Box plants. Had full recovery on one suffering with blight. I am Head Gardener on a large estate and have a large collection of Box and topiary. Thanks again for this wonderful product. I can't endorse it enough.

Head Gardener at a large estate in West Sussex.

10 Tablet Bucket

100 Tablet Bucket

Bark, Compost & Soil



Bark Mulch Ornamental

**Loose collected
(approx 1m3)**

70LT Bag

A composted spruce bark mulch producing a high quality finish to any project.

Screened twice to 5 - 35mm with less than 5% fine material and less than 15% whitewood.



Bark Mulch Composted 50LT

This Composted Fine Bark is a rich organic bark based soil conditioner and can be successfully used to help retain moisture in light sandy soils and to help break up/lighten heavy clay soils.

Its free flowing habit makes it easy to incorporate into the soil. It has a normal partial range of 1-20mm, a typical bulk density of 400grms per litre and a pH of 4.5 - 5.5.

This product is 100% peat-free.

Both of the above also delivered loose by truck (minimum load 10m2).

Compost



Tree & Shrub Planting Compost 60L

An open textured, non-peat based product with generous phosphate levels making this compost ideal for rapid root establishment of newly planted trees, shrubs and perennials.



Multi-Purpose Compost 60L

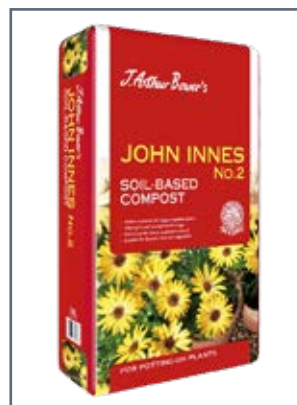
Bulrush multi-purpose compost is an enhanced formulation with essential nutrients and trace elements delivering superior plant growth, healthier plants and improved water holding capacity.



Ericaceous Compost 50L

A peat based low pH compost with added nutrients and trace elements.

Suitable for lime intolerant plants and helping to neutralising calcareous soils.



John Innes Ericaceous 25LT

A soil based, low pH compost with added nutrients and grit. For potting lime intolerant plants into tubs and planters.



John Innes No. 3 20LT

A soil based compost with added nutrients and grit. For potting and repotting mature plants.



Blended Farmyard Manure 50L

J. Arthur Bowers Organic Farm Yard Manure is a 100% Organic soil conditioner.

It can be used to improve drainage and aeration in clay soils and add body to light sandy soils. It provides a natural source of organic matter to encourage healthy root growth.

It also improves soil fertility by adding vital humus and plant foods into the soil.

Soil



John Innes Topsoil 25L

J. Arthur Bower's Top Soil is made from natural English loam blended with organic matter and nutrients.

For creating new gardens and lawns.

For building raised areas and rockeries.



Topsoil / Dumpy Bag (collected)

Quality screened topsoil.

Also delivered loose by truck
(minimum load 10m²).



Terracotta Pots - heavy rim

Size options:

Diameter: 40cm	Height: 40cm
Diameter: 50cm	Height: 49cm
Diameter: 60cm	Height: 58cm
Diameter: 70cm	Height: 64cm



A mouse eye view of Kingsdown turf with one roll pulled back showing how well established the root-bed is. This means that the turfs are very strong making them easy to handle and quick to establish. We never use plastic mesh.

TURF

Kingsdown turf is of a consistent good quality producing a low maintenance, hard wearing lawn with good all round colour and cleanness of cut.

The turf comes in wide one square metre rolls (measuring 167cm x 60cm) with a seed mixture consisting of 20% Perennial Ryegrass, 10% Smooth Stalk Meadow Grass, 40% Slender Creeping Red Fescue, 20% Strong Creeping Red Fescue and 10% Chewing Fescue.





Orders placed before 2.00pm can be delivered or collected two days later- e.g. an order placed before 2.00pm on a Tuesday can be delivered or collected Thursday morning. (No deliveries or collections available on Mondays). There is a minimum order quantity of 50 rolls.

Questions our sales team will ask when you request a quote or order for delivered turf:

Is there a forklift on site?

If not, the lorry will come with a tail lift and pallet truck. The turf will be dropped off on the nearest hard surface. (Pallet trucks don't work on gravel.)

Is there room for an 18 ton lorry?

An 18 ton lorry is approximately the same size as a coach.

Delivery address?

Just a postcode is fine for the purposes of quoting but a full address is required when ordering.



Lawn Seed

Kingsdown Nurseries supply lawn seed for all situations, from top quality lawns and bowling greens to grass verges and land reclamation sites. The following list, all mixtures of which we hold in stock, will fulfil the requirements of most landscape situations.

PRO 50 High Quality Hard Wearing Lawn

- 5% *Fagbian 4 Turf Tetraploid Perennial ryegrass*
- 10% *Tetragame 4 Turf Tetraploid Perennial ryegrass*
- 15% *Chardin perennial ryegrass*
- 20% *Claudine perennial ryegrass*
- 30% *Sergei strong creeping red fescue*
- 10% *Belleaire chewings fescue*
- 10% *Samanta slender creeping red fescue*

A very successful mixture where a high quality and durable lawn is called for. Pro 50 is fine in appearance and hard wearing, with excellent colour. The cultivars used ensure a low maintenance turf with good disease resistance, keeping future maintenance costs to the minimum.

Sowing rate: 35 - 50g/m²

Overseeding: 15 - 25g/m²

Mowing height: Down to 10mm

20kg bags and 10kg bags



PRO 51 Hard Wearing Lawns

- 30% *Double 4 Turf Tetraploid perennial ryegrass*
- 30% *Esqire perennial ryegrass*
- 30% *Maxima strong creeping red fescue*
- 10% *Evora smooth stalked meadow grass*

A hard wearing mixture that will establish rapidly. Ideal for general purpose landscaping & lawns. Contains only turf type perennial ryegrass.

Sowing rate: 35 - 50g/m²

Overseeding: 25 - 50g/m²

Mowing height: Down to 13mm

20kg bags and 10kg bags



PRO 52 Fine Lawns (without Ryegrass)

- 15% *Wagner chewings fescue*
- 15% *Samanta slender creeping red fescue*
- 70% *Maxima strong creeping red fescue*

An economical, fine textured mixture, which will not be too demanding with regard to maintenance, suitable for landscaping and lawns.

Sowing rate: 35 - 50g/m²

Overseeding: 25 - 50g/m²

Mowing height: Down to 13mm

20kg bags



PRO 60 Shaded Conditions

5% ***Sabrena 1 rough stalked meadow grass***

30% ***Belleaire chewings fescue***

30% ***Samanta slender creeping red fescue***

35% ***Sergei strong creeping red fescue***

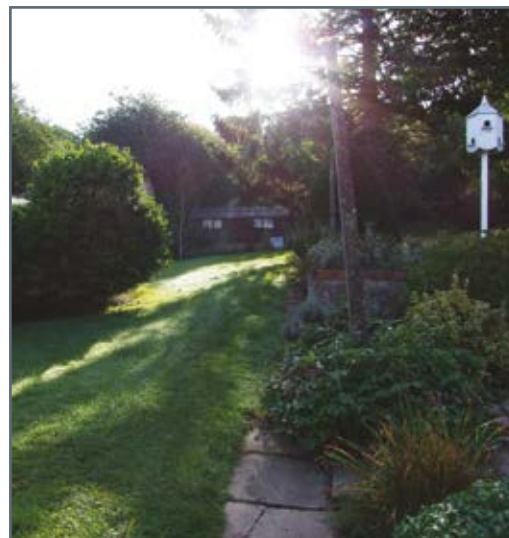
A top quality mixture designed to produce an excellent turf under shaded conditions, including golf tees. Solo rough stalked meadow grass germinates quickly, providing lush green growth year round. To ensure a successful turf, do not mow too closely and feed regularly.

Sowing rate: 35 - 50g/m²

Overseeding: 25 - 50g/m²

Mowing height: Down to 25mm

20kg bags and 10kg bags



PRO 85 Department of Transport

25% ***Esquire perennial ryegrass***

20% ***Maxima strong creeping red fescue***

30% ***Triana hard fescue***

10% ***Evora smooth stalked meadow grass***

10% ***Highland browntop bent***

5% ***Rivendel white clover***

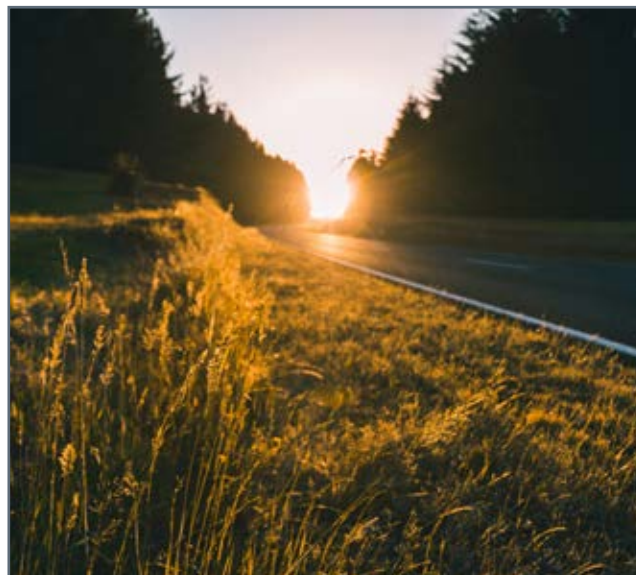
The above mixture is ideally suited for road verges where the soil may not be of the best quality and where quick establishment, short growth, good stability (on slopes) and some salt and exhaust fume tolerance are called for.

Sowing rate: 10-20g/m²

Overseeding: 10g/m²

Mowing height: As necessary or twice/year to 75 - 100mm

20kg bags



PRO 120 Slowgrow

60% ***Claudine perennial ryegrass***

15% ***Archibal slender creeping red fescue***

20% ***Samanta slender creeping red fescue***

5% ***Highland browntop bent***

The cultivar Stravinsky is the key to the new mixture. Stravinsky has an excellent rating for slow regrowth, significantly reducing mowing costs. The new mixture is ideal for use in a variety of landscape situations, including, housing estates, road verges, parkland and play areas, establishing rapidly to provide a dark, dense and attractive reduced maintenance lawn.

Sowing rate: 35 - 50/m²

Overseeding: 25g/m²

Mowing height: 12 - 50mm as necessary

20kg bags



Wildflower Seed

We offer a selection of wild flower mixtures for different habitats and soil types. It is important that the correct mixture is chosen and a suitable maintenance regime adopted for successful establishment.

Apart from cornfield annuals, wild flowers establish better on poor soils where there is little competition from vigorous grasses and weeds. The addition of fertilizer is not desirable.

Sowing

Wild flower seed can be sown during most of the year, although March/April and August/September are most suitable. Prepare a weed free tilth, broadcast or drill the seed at 5gm per m² and lightly harrow or rake into the surface. A Cambridge roller can be used to firm up the seed bed.

Maintenance

First year

Cut the sward to 5cm every two months or when the sward reaches 15cm, removing all cut material. Spot treat or dig out persistent, pernicious weeds. Cornfield annuals should not be cut until September.

Subsequent years

Cut to 5-6 cm during March/April and remove the cuttings. Cut again after the flowering season is over – normally September/October. For cornfield annuals, harrow the surface in autumn or spring to help regenerate the plants.



Cornfield Annuals

Pro flora 1

Wild flowers: 1 part 20%		%
Corn Cockle	Agrostemma Githago	40
Corn Flower	Centurea Cyanus	20
Corn Marigold	Chrysanthemum Segetum	10
Corn Poppy	Papaver Rhoas	10
Night Flowering Catchfly	Silene Noctiflora	15
Corn Chamomile	Anthemis Arvensis	5

Grasses: 4 part 80%

Red Fescue	Festuca Rubra	30
Crested Dogstail	Cynosurus Cristatus	25
Hard Fescue	Festuca Trachyphylla	20
Sheeps Fescue	Festuca Ovina	10
Browntop Bent	Agrostis Capillaris	5
Smooth Stalked Meadow Grass	Poa Pratensis	10

Sold in 1kg bags

Acid Soils

Pro flora 2

Wild flowers: 1 part 20%		%
Betony	Stachys Officianlis	1
Birdsfoot Trefoil	Lotus Corniculatus	1
Black Knapweed	Centaurea Nigra	9
Common Cats Ear	Hypochaeris Radicata	2
Common Storksbill	Erodium Cicutanium	2
Devils Bit Scabious	Succisa Pratensis	1
Foxglove	Digitalis Purpurea	2
Fragrant Agrimony	Agrimonia Procera	9
Greater Birdsfoot Trefoil	Lotus Uliginosus	5
Heath Bedstraw	Galium Saxatile	2
Lady'S Bedstraw	Galium Verum	11
Meadow Buttercup	Ranunculus Acris	11
Oxeye Daisy	Leucanthernum Vulgare	6
Ragged Robin	Lychnis Flos-Cuculi	6
Sheeps Sorrel	Rumex Acetosella	2
Sneezewort	Achillea Ptarmica	4
Sorrel	Rumex Acetosa	6
Tufted Vetch	Vicia Cracca	7
Yarrow	Achillea Millefolium	6
Yellow Rattle	Rhianthus Minor	7

Pro flora 2 cont.

Grasses: 4 part 80%		%
Browntop Bent	Agrostis Capillaris	5
Sweet Vernal Grass	Anthoxanthum Odoratum	3
Crested Dogstail	Cynosurus Cristatus	38
Wavy Hairgrass Grass	Deschampsia Flexuosa	4
Sheeps Fescue	Festuca Ovina	1
Chewings Fescue	Festuca Rubra Commutata	40

Sold in 1kg bags

Damp, Loamy Soils

Pro flora 3

Wild flowers: 1 part 20%		%
Autumn Hawkbit	Leontodon Autumnalis	2
Betony	Stachys Officianlis	1
Birdsfoot Trefoil	Lotus Corniculatus	2
Black Knapweed	Centaurea Nigra	12
Goatsbeard	Tragapogon Pratensis	2
Great Burnet	Sanguisorba Officinalis	2
Meadow Buttercup	Ranunculus Acris	13
Meadow Cranesbill	Geranium Pratense	1
Meadow Vetchling	Lathyrus Pratensis	4
Ox-Eye Daisy	Leucanthernum Vulgare	8
Pepper Saxifrage	Silaum Silus	1
Rough Hawkbit	Leontodon Hispidus	2
Selfheal	Prunella Vulgaris	14
Sorrel	Rumex Acetosus	6
Tufted Vetch	Vicia Cracca	12
Yarrow	Achillea Millefolium	8
Yellow Rattle	Rhianthus Minor	10

Grasses: 4 part 80%		%
Browntop Bentgrass	Agrostis Capillaris	5
Chewings Fescue	Festuca Rubra Commutata	15
Crested Dogstail	Cynosurus Cristatus	19
Golden Oatgrass	Trisetum Flavescens	6
Meadow Foxtail	Alopecurus Pratensis	6
Sheeps Fescue	Festuca Ovina	19
Slender Creeping Red Fescue	Festuca Rubra Litoralis	20
Smooth Stalked Meadow Grass	Poa Pratensis	10

Sold in 1kg bags



Calcareous Soils

Pro flora 4

Wild flowers: 1 part 20%		%
Betony	Stachys Officianlis	1
Birdsfoot Trefoil	Lotus Corniculatus	1
Bladder Campion	Silene Vulgaris	3
Bulbous Buttercup	Ranunculus Bulbosus	9
Cluster Bellflower	Campanula Glomerata	1
Common St Johns Wort	Hypericum Perforatum	1
Common Toadflax	Linaria Vulgaris	2
Cowslip	Primula Veris	1
Dark Mullein	Verbascum Nigrum	2
Dropwort	Filipendula Vulgaris	4
Greater Knapweed	Centaurea Scabiosa	7
Hairy St Johns Wort	Hypericum Hirsutum	1
Hoary Plantain	Plantago Media	5
Kidney Vetch	Anthyllis Vulnearia	6
Lady'S Bedstraw	Galium Verum	12
Meadow Buttercup	Ranunculus Acris	11
Ox-Eye Daisy	Leucanthernum Vulgare	8
Small Scabious	Scabiosa Columbaria	2
Tufted Vetch	Vicia Cracca	11
Vipers Gloss	Echium Vulgare	4
Weld	Reseda Luteola	1
Wild Basil	Clinopodium Vulgare	1
Wild Carrot	Daucus Carota	5
Wild Marjoram	Origanum Vulgare	1

Grasses: 4 part 80%		%
Browntop Bentgrass	Agrostis Capillaris	5
Smooth Stalked Meadow Grass	Poa Pratensis	10
Crested Dogstail	Cynosurus Cristatus	22
Golden Oatgrass	Trisetum Flavescens	4
Quaking Grass	Briza Media	1
Hard Fescue	Festuca Trachyphylla	21
Sheeps Fescue	Festuca Ovina	12
Slender Creeping Red Fescue	Festuca Rubra Litoralis	20
Smaller Catstail	Phleum Bertolonii	5

Sold in 1kg bags

Wet, Loamy Soils

Pro flora 5**Wild flowers: 1 part 20%**

		%
Betony	Stachys Officianlis	1
Black Knapweed	Centaurea Nigra	11
Devils Bit Scabious	Succisa Pratensis	1
Gipsywort	Lycopus Europaeus	3
Greater Birdsfoot Trefoil	Lotus Uliginosus	5
Great Burnet	Sanguisorba Officinalis	3
Hemp Agrimony	Eupatorium Cannabinum	2
Marsh Mallow	Althaea Officinalis	1
Marsh Woundwort	Stachys Palustris	1
Meadow Buttercup	Ranunculus Acris	11
Meadowsweet	Filipendula Ulmaria	6
Ox-Eye Daisy	Leucanthernum Vulgare	9
Pepper Saxifrage	Silaum Silus	1
Purple Loosestrife	Lythrum Salicaria	4
Ragged Robin	Lychnis Flos-Cuculi	3
Selfheal	Prunella Vulgaris	8
Sneezewort	Achillea Ptarmica	2
Sq. Stem St. Johns Wort	Hypericum Tetrapterum	1
Tufted Vetch	Vicia Cracca	5
Yellow Flag Iris	Iris Psudacorus	9
Yellow Rattle	Rhinanthus Minor	13

Grasses: 4 part 80%

Browntop Bentgrass	Agrostis Capillaris	4
Chewings Fescue	Festuca Rubra Commutata	20
Crested Dogstail	Cynosurus Cristatus	19
Meadow Foxtail	Alopecurus Pratensis	6
Pendulas Sedge	Carex Pendula	2
Sheeps Fescue	Festuca Ovina	5
Slender Creeping Red Fescue	Festuca Rubra Litoralis	25
Smooth Stalked Meadow Grass	Poa Pratensis	10
Soft Rush	Juncus Effusus	1
Sweet Vernal Grass	Anthoxanthum Odoratum	4
Tufted Hairgrass	Deschampsia Caespitosa	4

Sold in 1kg bags

Dry, Loamy Soils

Pro flora 6**Wild flowers: 1 part 20%**

		%
Autumn Hawkbit	Leontodon Autumnnalis	3
Birdsfoot Trefoil	Lotus Corniculatus	2
Black Knapweed	Centaurea Nigra	9
Black Medick	Medicago Lupulina	2
Bladder Campion	Silene Vulgaris	3
Bulbous Buttercup	Ranunculus Bulbosus	2
Clustered Bellflower	Campanula Glomerata	1
Common St Johns Wort	Hypericum Perforatum	3
Common Agrimony	Agrimony Eupatoria	9
Common Toadflax	Linaria Vulgaris	2
Cowslip	Primula Veris	1
Doves Foot Cranesbil	Geranium Molle	1
Field Scabious	Knautia Arvensis	5
Hoary Plantin	Plantago Media	5
Great Mullein	Verbascum Thapsus	2
Lady'S Bedstraw	Galium Verum	8
Musk Mallow	Malva Moschata	1
Ox-Eye Daisy	Leucanthernum Vulgare	6
Salad Burnet	Sanguisorba Minor	9
Vipers Bugloss	Echium Vulgare	5
Weld	Reseda Luteola	1
Wild Carrot	Daucus Carota	2
Yarrow	Achillea Millefolium	7
Yellow Rattle	Rhianthus Minor	11

Grasses: 4 part 80%

Browntop Bentgrass	Agrostis Capillaris	5
Chewings Fescue	Festuca Rubra Commutata	25
Crested Dogstail	Cynosurus Cristatus	21
Golden Oatgrass	Trisetum Flavescens	4
Sheeps Fescue	Festuca Ovina	5
Slender Creeping Red Fescue	Festuca Rubra Litoralis	25
Smaller Catstail	Phleum Bertolonii	5
Smooth Stalked Meadow Grass	Poa Pratensis	10

Sold in 1kg bags

Pro flora 8 cont.

Hedgerow & Light Shade

Pro flora 7**Wild flowers: 1 part 20%**

		%
Betony	Stachys Officinalis	1
Columbine	Aquilegia Vulgaris	3
Common Agrimony	Agrimonia Eupatoria	10
Common St Johns Wort	Hypericum Perforatum	2
Filed Scabious	Knautia Arvensis	5
Foxglove	Digitalis Purpurea	2
Greater Mullein	Verbascum Thapsus	2
Hairy St Johns Wort	Hypericum Hirsutum	1
Hedge Bedstraw	Galium Mollugo	10
Hedge Cranesbill	Geranium Pyrenaicum	1
Hedge Garlic	Alliaria Petiolata	4
Hedge Woundwort	Stachys Sylvatica	1
Lesser Stitchwort	Stellaria Graminea	1
Musk Mallow	Malva Moscata	1
Nettle Leaved Bellflower	Campanula Trachelium	1
Ox-Eye Daisy	Leucanthemum Vulgare	6
Red Campion	Silene Dioica	12
Selfheal	Prunella Vulgaris	14
Tufted Vetch	Vicia Cracca	8
Upright Hedge Parsley	Torilis Japonica	1
Wild Basil	Clinopodium Vulgare	1
Wild Garlic	Allium Ursinum	3
Wood Avens	Geum Urbanum	5
Wood Sage	Teucrium Scorodonia	2
Yarrow	Achillea Millefolium	3

Grasses: 4 part 80%

Browntop Bentgrass	Agrostis Capillaris	5
Chewings Fescue	Festuca Rubra Commutata	25
Crested Dogstail	Cynosurus Cristatus	20
Sheeps Fescue	Festuca Ovina	20
Slender Red Fescue	Festuca Rubra Litoralis	15
Tufted Hairgrass	Deschampsia Caespitosa	5
Rough Stalked Meadowgrass	Poa Trivialis	10

Sold in 1kg bags

Old English Meadow (General purpose)

Pro flora 8**Wild flowers: 1 part 20%**

		%
Birdsfoot Trefoil	Lotus Corniculatus	1
Black Knapweed	Centaurea Nigra	11
Black Medick	Medicago Lupulina	6
Common Vetch	Vicia Sativa	1
Meadow Buttercup	Ranunculus Acris	12
Musk Mallow	Malva Moschata	1
Ox-Eye Daisy	Leucanthemum Vulgare	12
Ribwort Plantain	Plantago Lanceolata	5
Red Campion	Silene Dioica	11
Salad Burnet	Sanguisorba Minor	5
Self Heal	Prunella Vulgaris	15
White Campion	Silene Alba	12
Yarrow	Achillea Millefolium	8

Grasses: 4 part 80%

Browntop Bent	Agrostis Capillaris	5
Red Fescue	Festuca Rubra	25
Crested Dogstail	Cynosaurus Cristatus	20
Chewings Fescue	Festuca Commutata	20
Hard Fescue	Festuca Trachyphylla	20
Smooth Stalked Meadow Grass	Poa Pratensis	10

Sold in 1kg bags

General Purpose (Non Native)

Pro flora 9**Wild flowers: 1 part 10%**

		%
Agrimonia	Agrimonia Eupatoria	4
Birdsfoot Trefoil	Lotus Corniculatus	1
Black Knapweed	Centaurea Nigra	7
Common Evening Primrose	Oenothera Biennis	2
Common Storksbill	Erodium Cicutarium	1
Common Vetch	Vicia Sativa	1
Corncockle	Agrostemma Githago	12
Corn Feverfew	Matricaria Perforata	5
Cowslip	Primula Veris	1
Dovesfoot Cranesbill	Geranium Molle	2
Field Poppy	Papaver Rhoeas	2
Foxglove	Digitalis Purpurea	1
Hedge Bedstraw	Galium Mollugo	2
Hoary Plantain	Plantago Media	2
Lady'S Bedstraw	Galium Verum	3
Salad Burnet	Sanguisorba Minor	5
Meadow Buttercup	Ranunculus Acris	4
Musk Mallow	Malva Moschata	1
Oxeye Daisy	Leucanthemum Vulgare	5
Ragged Robin	Lychnis Flos-Cuculi	1
St Johns Wort	Hypericum Perforatum	3
Red Campion	Silene Dioica	8
Ribwort Plantain	Plantago Lanceolata	5
Selfheal	Prunella Vulgaris	5
Suckling Clover	Trifolium Dubium	1
Wild Carrot	Daucus Carota	1
Wild Clary	Salvia Verbanaca	2
Wild Parsnip	Pastinaca Sativa	6
White Campion	Silene Alba	4
Wood Avens	Geum Urbanum	2
Yarrow	Achillea Millefolium	1

Grasses: 9 part 90%

Sweet Vernal Grass	Anthoxanthum Oderatum	1
Meadow Foxtail	Alopercurus Pratense	2
Crested Dogstail	Cynosurus Cristatus	10
Smooth Stalked Meadow Grass	Poa Pratensis	8
Slender Red Fescue	Festuca Rubra Litoralis	15
Browntop Bentgrass	Agrostis Capillaris	5
Sheeps Fescue	Festuca Ovina	10
Chewings Fescue	Festuca Rubra Commutata	35
Salt Marsh Grass	Pucinnella Distans	4
Yellow Oatgrass	Trisetum Flavescens	2
Rough Stalked Meadow Grass	Poa Trivialis	8

Sold in 1kg bags

Country Meadow (General Purpose plus annuals)

Pro flora 10

Wild flowers: 1 part 10%

Birdsfoot Trefoil	Lotus Corniculatus	1
Black Knapweed	Centaurea Nigra	6
Black Medick	Medicago Lupulina	2
Common Vetch	Vicia Sativa	1
Corn Cockle	Agrostemma Githago	7
Corn Flower	Centaurea Cyanus	5
Corn Marigold	Chrysanthemum Segetum	5
Corn Poppy	Papaver Rhoeas	4
Meadow Buttercup	Ranunculus Acris	10
Musk Mallow	Malva Moschata	1
Ox-Eye Daisy	Leucanthemum Vulgare	10
Ribwort Plantain	Plantago Lanceolata	10
Red Campion	Silene Dioica	5
Self Heal	Prunella Vulgaris	13
Suckling Clover	Trifolium Dubium	10
White Campion	Silene Alba	5
Yarrow	Achillea Millifolium	5

Grasses: 9 part 90%

Browntop Bent	Agrostis Capillaris	5
Red Fescue	Festuca Rubra	25
Crested Dogs Tail	Cynosurus Cristatus	20
Chewings Fescue	Festuca Commutata	20
Hard Fescue	Festuca Trachyphylla	20
Smooth Stalked Meadow Grass	Poa Pratensis	10

Sold in 1kg bags

Woodland & Heavy Shade

Pro flora 11

Wild flowers: 1 part 20%

Blue Bell	Hyacinthoides Non-Scripta	15
Columbine	Aquilegia Vulgaris	4
Foxglove	Digitalis Purpurea	4
Greater Stitchwort	Stellaria Holostea	1
Hairy St Johns Wort	Hypericum Hirsutum	1
Hedge Bedstraw	Galium Mollugo	8
Hedge Garlic	Alliaria Petiolata	8
Hedge Woundwort	Stachys Sylvatica	1
Hemp Agrimony	Erigeron Acer	1
Meadowsweet	Filipendula Ulmaria	8
Nettle-Leaved Bellflower	Campanula Trachelium	1
Ragged Robin	Lychnis Flos-Cuculi	4
Red Campion	Silene Dioica	14
Selfheal	Prunella Vulgaris	13
Upright Hedge Parsley	Torilis Japonica	3
Wood Avens	Geum Urbanum	6
Wild Angelica	Angelica Sylvestris	1
Wild Basil	Clinopodium Vulgare	1
Wild Garlic	Allium Ursinum	3
Wood Sage	Teucrium Scorodonia	3

Grasses: 4 part 80%

Browntop Bentgrass	Agrostis Capillaris	5
Chewings Fescue	Festuca Rubra Commutata	25
Crested Dogstail	Cynosurus Cristatus	20



Pro flora 11 cont.

Sheeps Fescue	Festuca Ovina	10
Slender Creeping Red Fescue	Festuca Rubra Litoralis	15
Tufted Hairgrass	Deschampsia Caespitosa	5
Wood Meadowgrass	Poa Nemoralis	20

Sold in 1kg bags

Water Margin & Pond Edges

Pro flora 12

Wild flowers: 1 part 20%

Common Fleabane	Pulicaria Dysenterica	2
Gipsy Wort	Lycopus Europaeus	5
Great Burnet	Sanguisorba Officinalis	3
Greater Birdsfoot Trefoil	Lotus Uliginosus	8
Hemp Agrimony	Eupatorium Cannabinum	2
Marsh Mallow	Althaea Officinalis	1
Meadow Buttercup	Ranunculs Acris	12
Meadowsweet	Filipendula Ulmaria	10
Pepper Saxifrage	Silaum Silus	2
Purple Loosestrife	Lythrum Salicaria	6
Ragged Robin	Lychnis Flos-Cuculi	3
Salad Burnet	Sanguisorba Minor	9
Self Heal	Prunella Vulgaris	12
Sneezewort	Achillea Ptarmica	2
Square Stemmed St J. Wort	Hypericum Tetrapterum	1
Tufted Vetch	Vicia Cracca	6
Water Avens	Geum Rivale	2
Yellow Flag Iris	Iris Psudacorus	14

Grasses: 4 part 80%

Browntop Bentgrass	Agrostis Capillaris	5
Soft Rush	Juncus Effusus	1
Crested Dogstail	Cynosurus Cristatus	32
Meadow Foxtail	Alopecurus Pratensis	10
Pendulas Sedge	Carex Pendula	1
Rough Stalked Meadow Grass	Poa Trivialis	7
Sheeps Fescue	Festuca Ovina	10
Slender Creeping Red Fescue	Festuca Rubra Litoralis	25
Sweet Vernal	Anthoxanthum Odoratum	4
Tufted Hairgrass	Deschampsia Caespitosa	5

Sold in 1kg bags



General Purpose (Economy)

Pro flora 110

Wild flowers: 1 part 5%

Birdsfoot Trefoil	Lotus Corniculatus	1
Black Knapweed	Centaurea Nigra	6
Black Medick	Medicago Lupulina	2
Common Vetch	Vicia Sativa	1
Corn Cockle	Agrostemma Githago	7
Corn Flower	Centaurea Cyanus	5
Corn Marigold	Chrysanthemum Segetum	5
Corn Poppy	Papaver Rhoëas	4
Meadow Buttercup	Ranunculs Acris	10
Musk Mallow	Malva Moschata	1
Ox-Eye Daisy	Leucanthemum Vulgare	10
Ribwort Plantain	Plantago Lanceolata	10
Red Campion	Silene Dioica	5
Self Heal	Prunella Vulgaris	13
Suckling Clover	Trifolium Dubium	10
White Campion	Silene Alba	5
Yarrow	Achillea Millifolium	5

Grasses: 19 part 95%

Browntop Bent	Agrostis Capillaris	5
Red Fescue	Festuca Rubra	25
Crested Dogs Tail	Cynosurus Cristatus	20
Chewings Fescue	Festuca Commutata	20
Hard Fescue	Festuca Trachyphylla	20
Smooth Stalked Meadow Grass	Poa Pratensis	10

Sold in 1kg bags



Lawn Edging



Designed by professional landscape architects, the multi-award winning Rite-Edge is now increasingly specified in professional landscape designs as the perfect edge for lawns, borders, beds and pathways, keeping that pristine neat garden appearance with perfect corners and enviable sweeping curves.

Held securely in place with barbed fixing stakes, Rite-Edge is manufactured from an Aircraft Grade Aluminium Alloy designed to last 25-30 years, so there is no painting, staining, rusting or replacing to worry about.

Rite-Edge, being light and easy to handle, comes in long lengths and has a unique, telescopic design to make installation very neat, quick and easy. The profile of Rite-Edge features a smooth round top edge, and a castellated body which gives maximum strength for heavy lawn mowers and prevents lifting by frost.

Stand back with pride and admire that permanent "Just Edged" look without all those hours of back-breaking edging spade and shear work.

Benefits

- **Permanent - no maintenance required**
- **Easy to install**
- **Saves hours of future edging work**
- **Keeps the garden at its best**
- **Many Border Options - Sand, Gravel, Bark, Lawn, Pebbles, Slate**

Installation

Each length is 2.4 Mtrs long and we recommend 5cm (2") of overlap for each joint which should be considered in your length required calculation.

- 1 Dig a small trench around 5cm wide and 10cm deep in the exact position you require your new edge.
- 2 Now form the Rite-Edge to the shape and design you require, including the 5cm overlap joints. This can now be placed into the trench you formed for the edge.
- 3 Check the exact height for the top of the Rite-Edge which should be just above true ground level but beneath the required cut grass level.
- 4 If you are now happy with the shape and height, add the fixing stakes and drive fully home.
- 5 A simple back filling on the sides of your Rite-Edge completes your Rite-Edge installation.



RITE-EDGE

Available in Silver, Brown and Green (14 lengths per box)



- Strong but flexible
- 2.4m long
- ends telescope together
- No rust aluminium
in three colours

Hoses & Accessories

Brass Splitting Valves Screws onto standard outside tap, each outlet can then be controlled independently.



2 Way threaded connector
3/4"



2 Way click connector
3/4"



3 Way threaded connector
3/4"

Hose Fittings - Click Connectors

The Brass Click Connectors - these tough brass connectors are compatible with most of the domestic plastic type, but will withstand harsh treatment.



Hose to hose connector
1/2 inch
3/4 inch



Hose coupling
1/2 inch
3/4 inch



Male adaptor
1/2 inch
3/4 inch



Tap Connector
1/2 inch
3/4 inch



Male threaded coupling
3/4" (click connector)



Revolving elbow 3/4"



Hose coupler
- click connector



Hose Fittings - Geka

The Brass Quick Couplings - are compatible with most geka type fittings.



Female threaded coupling
1/2 inch
3/4 inch
1 inch



Male threaded coupling
1/2 inch
3/4 inch
1 inch



Standard hose tail
1/2 inch
3/4 inch
1 inch



Cap (Geka)



Spare Geka seals



Y' Piece brass (Geka)



Hose Clips

SIZE

13-20mm 16-25mm 25-38mm



Torsino Professional Hose

A multi-layered, reinforced hose with superb anti-kink properties. Smooth inner liner ensures optimum water flow and restricts algae growth, the yellow outer is both UV and abrasion resistant.

This product comes with a 12 year guarantee.

SIZE	COIL (m)
1/2" (12.5mm)	25
1/2" (12.5mm)	50
3/4" (19mm)	25
3/4" (19mm)	50
1" (25mm)	25
1" (25mm)	50

Hose clip driver



Flexible shaft allows for easy use in awkward positions.



Portable hose reel 50M-1/2" (40M-3/4")

Portable hose reel made from epoxy coated steel tube, complete with steel bracket for wall mounting and standard 1/2" hose coupling.



Portable hose reel 100M-1/2" (70M-3/4")

Hose trolley made from epoxy coated steel tube, complete with standard 1/2" hose coupling.

Sprinkler & Drip Irrigation

Fitting an irrigation system is simpler than is generally thought. First, check the flow rate of the tap you are using by doing this simple test. Run your tap into a bucket for one minute and then check how many litres you have in the bucket. Multiply this figure by 60. This will give you a flow rate in litres per hour. Check the output figures for the sprinklers you are choosing. Then divide the flow rate of your tap by the output of the sprinkler. This will tell you how many sprinklers you can run at one time. If you need to run more sprinklers than this, then use a Brass Splitter Valve (see page 152) and have two timers running at different times. All you are likely to need is a hole punch but any other necessary tools would be in a normal tool box. Most fittings simply push together.

Please call for advice if you are unsure of your requirements.

EXAMPLE

Flow rate at tap = 1800 litres per hour

You choose Micro sprinklers SMV-2.5

(Output 1 litre per minute, 60 litres per hour).

$1800 \div 60 = 30$

So you could run 30 sprinklers on this tap.

Drip & Irrigation Fittings



45 Dripper Stake

This angled dripper stake is for use with the 6mm LDPE drip irrigation pipe.



Adjustable dripper 1-40L/H

Unscrew cap, one click at a time, to increase flow. Screwing the cap down completely will stop the flow. Adjustable from 1-40 l/hr.



Barbed adaptors 6mm

Use 6mm adaptor to connect lead-out tube to LDPE pipe.



Barbed Tee 5mm



Barbed Repair Plug 5mm

For use with 6mm LDPE pipe for repairing and capping off end of runs.



Hole punch 4mm



Nipple 5mm



PC Junior dripper 2L/H

A pressure regulated dripper with a flow of 2l/hr.



PC Junior Dripper Set 2L/H

A pressure regulated dripper set, with a flow of 2l/hr.



Pressure regulator 3/4"

Inline type – Outlet pressure 1.7bar. 3/4 " female inlet x 3/4 Male outlet.

Micro Sprinkler Nozzels



- 90deg. / 3D - 42L/H**
- 180deg. / 3.5D - 90L/H**
- 360deg. / 2.5D - 40L/H**
- 360deg. / 3.5D - 90L/H**
- 360deg. / H/5D - 40L/H**

Lead Out Tube

Assembled with 2 adaptors.

If connecting to the LDPE pipe use 6mm barbed adaptor.

60cm

100cm

150cm



High-Tec nozzels providing optimum distribution with low precipitation rates, giving a range of spraying angles of 90°, 180° and 360°. For use on spray lines or risers. See range of adaptors and accessories. Components connect together using the 6mm taper system.



Sprinkler Stakes Stands

100cm

50cm



Galconette timer



9V Battery

LDPE Pipe

LDPE Pipe



Size

- 6mm/100m roll
- 16mm/25m roll
- 16mm/50m roll
- 16mm/100m roll
- 20mm/25m roll
- 20mm/50m roll
- 20mm/100m roll

Black low density polyethylene pipe. Used for drip irrigation and micro sprinklers. Use with barbed fittings.



Pipe Support Clips & Pegs



- 6mm
- 16mm
- 16mm

Use clips to affix pipe to timber or masonry.

Pipe anchoring pegs



- 16-20mm

These pegs are used to secure pipe to the ground.

Pipe & Fittings

Barbed Fittings

Barbed Elbow



- 16mm
- 20mm
- 25mm

Barbed Female Adaptor



- 16mm x 3/4"
- 20mm x 3/4"

Barbed In-line Valve



- 16mm
- 20mm
- 25mm

Barbed Male Adaptor



- 16mm x 1/2"
- 16mm x 3/4"
- 20mm x 1/2"
- 20mm x 3/4"
- 20mm x 3/4"
- 25mm x 1"

Barbed Plug

16mm
20mm

Barbed Reducing connector

20mm x 16mm
25mm x 16mm
25mm x 20mm

Barbed Reducing Tee

16 x 20 x 16mm
25 x 16 x 25mm
25 x 20 x 25mm
25 x 20 x 25mm

Barbed Straight Connector

16mm
20mm
25mm

Barbed Tee

16mm
20mm
25mm



Pressure compensated dripline

Pressure compensated dripline

33cm / 16mm / 25m
33cm / 16mm / 100m

Porous Pipe

16mm/30m roll
16mm/50m roll

Porous Pipe is a rubber pipe designed for varied irrigation purposes. It should be used at a pressure of between 0.3-0.8 bar. The maximum run length is 50 metres and the output is 4 litres per hour per metre.

Use instead of porous pipe. Ideal for sloping sites or where areas to be watered are at different levels. Even output at pressures ranging from 0.5-3.5 bar. Areas can be linked together using 16mm LDPE pipe. Use 16mm fittings.

Sprinklers, Spray Guns & Lances

We stock a range of professional sprinklers, spray guns and lances for the landscaping trade.



Aluminium Lance
60cm

Metal soft rain lance with valve, rose and coupling.



Aluminium Telescopic Lance
135cm

Extendable lance from 1.6m - 2.8m for watering hanging baskets. Complete with valve, rose and coupling.



Alloy rose large
60mm X 3/4"

Soft rain rose.



Filter washer
3/4"



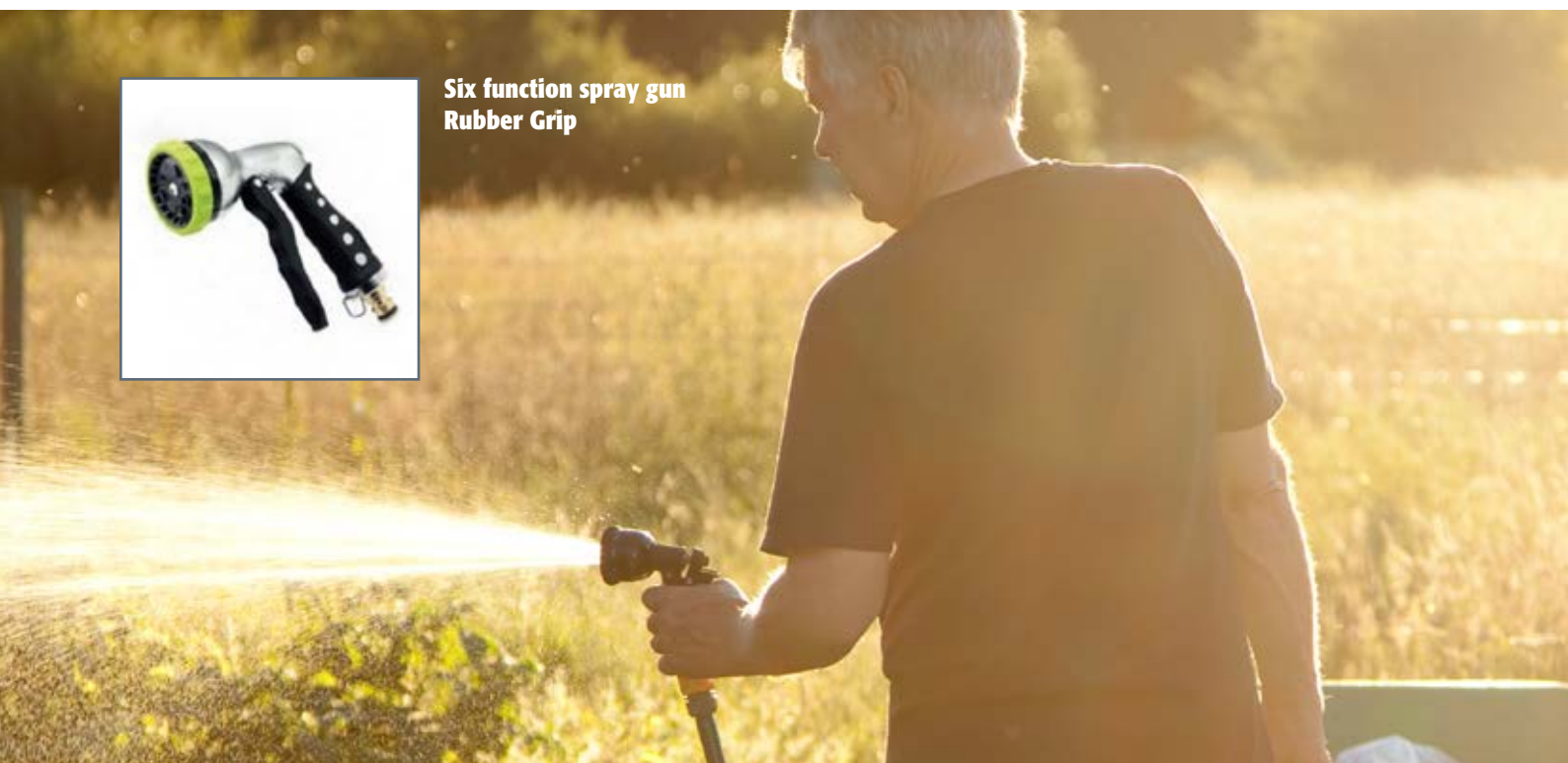
Metal ball valve
3/4"



Aluminium Pistol
Adjustable nozzle and trigger



Six function spray gun
Rubber Grip





Sled base sprinkler unit Part Circle Sprinkler

Galvanised sled base unit, complete with brass sprinkler and hose fittings. This is fitted with a robust part or full circle operation. Adjustable height, range and spray.

Working pressure: 1.5 - 4 bar.

Radius: 12.5m @ 2 bar.

Output: 14.2l/min @ 2 bar.

Sled base sprinkler unit metal Rotoframe Sprinkler

Galvanised sled base unit, complete with brass sprinkler and hose fittings. This is fitted with a popular robust sprinkler delivering a full circle of even spray. Will operate under lower pressure than the Part Circle sprinkler we also offer.

Working Pressure: 0.5 - 2 bar.

Dia. Coverage: 13m @ 1.5 bar.

Output: 13.8l/min @ 1.5 bar.



Tripod sprinkler unit Part Circle Sprinkler

Adjustable height tripod unit, complete with brass sprinkler and hose fittings. This is fitted with a robust part or full circle operation. Adjustable height, range and spray.

Working pressure: 1.5 - 4 bar.

Radius: 12.5m @ 2 bar.

Output: 14.2l/min @ 2 bar.

Tripod sprinkler unit Rotoframe Sprinkle

Adjustable height tripod unit, complete with brass sprinkler and hose fittings. This is fitted with a popular robust sprinkler delivering a full circle of even spray. Will operate under lower pressure than the Part Circle sprinkler we also offer.

Working Pressure: 0.5 - 2 bar.

Dia. Coverage: 13m @ 1.5 bar.

Output: 13.8l/min @ 1.5 bar.

Pond Liners



Pond Liners

Top quality 0.75mm Rubber pond liners that are UV stable, virtually imperishable and unaffected by sunlight and frost.

Suitable for lakes, ornamental and wildlife ponds. To calculate the size of liner required:

(max. pond length + 2 x depth) x (max. pond width + 2 x depth)

Bespoke, made to order liners are also available - please ask for details.

3m w x per cut mtr length

5m w x per cut mtr length

7m w x per cut mtr length



Pond Liner Underlay 260 gm/sqm 2m x 30.5m Roll 600mm

Protective matting to prevent damage from stones etc.
Rot proof, heavy duty matting.

PLANTING GUIDELINES

Timing

Bare-rooted and rootballed trees and plants normally become available during November and planting continues until March. However, if there is a cold spring then the bareroot planting season can extend into April – conifer types take more readily to late planting than other varieties. Container grown plants and trees can be planted all year round.

Pre-Planting Preparation

Whether your plant is container grown or bareroot it is important that roots are kept moist before planting. Barerooted plants should be kept in their bags until just before planting. Do not set out long sections of hedging or trees leaving the roots exposed. If planting cannot be done within a week of delivery bareroot plants should be heeled into the ground.

Pre-Planting Preparation

Dig the hole one and a half times the width of the container/ roots/rootball. Loosen the soil at the bottom of the hole and mix in a quantity of Tree & Shrub planting compost. We recommend Mycorrhizal Fungi (Rootgrow) is used on all planting projects and it is now that you put a small quantity at the bottom of the hole if you are planting container or rootballed plants. (When planting bareroot plants Rootgrow is mixed into a 'slurry' and the roots are dipped into the mixture).

Remove the pot from container grown plants (do not remove hessian or wire from rootballs) and position so that the soil level is the same as it was in the container or nursery. Planting deeper than this will kill most trees. (Staking should be done at this point, before back filling – see Staking.) The backfill should be a mixture of soil and Tree & Shrub compost. Fertilizer could also be added to the backfill – Growmore in the Summer or slow-release such as Enmag during the Winter. The backfill should be gently compacted ensuring there are no air pockets around the roots.

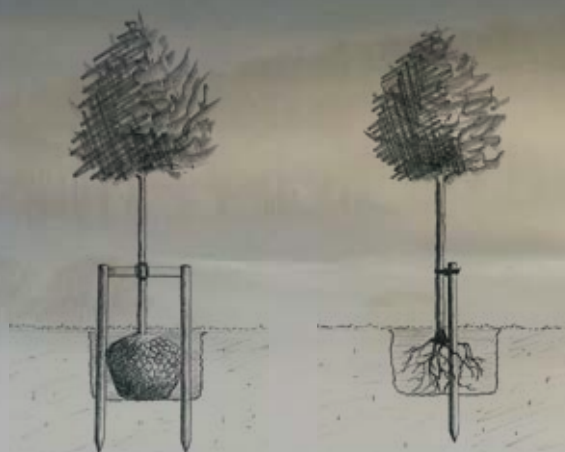
Planting bareroot whips: When planting through grass, first make a vertical cut into the turf. Then insert your spade to full depth at the base of the cut, lever back on the spade handle. The cut will now open up. Lift the spade blade slightly and put the plant behind the spade to the bottom of the hole. Slip it round to the centre of the cut, pull up slightly to the original soil level mark and tread in firmly, keeping the plant upright. If planting in loose soil there is no need to make the vertical cut.

Pruning

For best results trees and bareroot hedging should be pruned back at the time of planting. Up to a third of the growth can be cut back but even a small amount will be a great help. Plants that are dug up from open ground unavoidably lose some of their roots. Pruning readjusts this balance, ensuring a greater root-to-shoot ratio and ultimately a better survival rate. Pruning means your hedge will bush out quicker and your trees will have a fuller crown a faster trunk growth. Pruning back container grown plants is not so critical.

Staking / Anchoring

Any single stem trees over 150cm will need to be secured. Staking is the cheapest option but anchoring systems are more pleasing to the eye as nothing shows above the surface. Stakes are driven firmly into the ground prior to backfilling, avoiding any roots. Normally container or rootballed trees are double staked with a cross-rail, belt and rubber pad. (See image 1) Bare-rooted trees are single staked with the stake running alongside the tree trunk and secured with a block and buckle-tie. (See image 2) Don't worry if the tree bends and sways in the wind but if the rootball rocks or moves the tree will need re-staking or the roots will not establish properly. Stakes should be removed after the third season as this will allow the tree to take the strain of the wind itself, strengthening the stem and encouraging further root growth. Anchoring systems are simple to use and very effective, even on large mature trees. Please ask for more information.



PLANTING GUIDELINES

Protection

Depending on the situation your plants or trees may need protection from a range of pests. Silvitube Guards or Spirals of 60cm will protect from Rabbits, 90cm Silvitube Guards from Muntjac deer and Hares, 120cm from Roe deer, 135cm from Fallow deer and 150cm from Red deer. Stakes will be required for the Silvitubes and bamboo canes for the Spirals. If you are planting in parkland you are likely to need classic metal protectors.

Grazers is a liquid pest deterrent that is sprayed on to the plants using a hand or knapsack sprayer. It lasts for up to six weeks and is effective against damage from rabbits, deer, pigeons and mice and voles. The liquid is high concentrate and is an excellent choice if you or your client don't like the sight of tree or shrub shelters. It is also suitable for edible crops although you will need to allow one week's interval between treatment and harvest.

Topbuxus Health-Mix offers first-rate protection from Box Blight. Please ask for more information or visit www.topbuxus.co.uk

Top-dressing

Apply 'Fish, Blood and Bone' or 'Growmore' in March/April at the rate of 75g/m² or approximately a flat handful. Avoid top dressing in late summer as this will produce a flush of weak growth late in the season that is likely to be damaged by frost as we move in to the Autumn.

Aftercare

It is very important that your hedge or trees are kept free of weed competition by spraying or using mulching materials until it is well established. Keep weeds and grass away from the base of the tree or hedge to a minimum distance of 50cm. When trimming a hedge as it matures keep it slightly wedge shaped (wider at the bottom). This ensures that light will reach the hedge all the way down and will prevent it becoming thin at the bottom.

Monitor Spiral Guards and Tree Shelters to ensure they are not strangling the plants as they begin to grow. Check trees that have been staked and tied to loosen the tie as the trees grow and to make sure the stake is not rubbing on the trunk.

Mulch

Mulch will suppress weed competition for water and will also help to retain moisture in the ground. Apply mulch to a depth of 75mm allowing a 50mm gap around the base of the trunk

Watering

Watering is a science and fail-safe rules cannot be defined. However, watering in the first season is vital. Use the 'Squeeze Test' to check the moisture on a regular basis and water accordingly. Watering tubes can be used for trees and pressure compensated dripline is a good choice for hedges (please contact Kingsdown Nurseries for details.) If the first summer is a hot one give the plants a good soak twice a week. Although rain is helpful, don't assume that your plants have had enough water. During the summer the ground can become very hard and even torrential rain can simply run off the surface without penetrating deep enough for the plants to take it in. Always check using the 'Squeeze Test'.

Over Watering

Over watering is easy to do and is the cause of many failures, especially Taxus. If the ground is saturated there will be very little Oxygen in the soil leading to suffocation and root decay. Plants need Oxygen as much as they need water. Plants that are dying because of overwatering can have very similar symptoms to a plant that is dying of drought. This is simply because the roots are dead and not supplying the plant with any water! This can of course lead us to vigorously continue watering when in fact we are actually aggravating the situation. Always check using the 'Squeeze Test' before watering.

THE SQUEEZE TEST

Dig down 20cm, take a handful of soil & squeeze	
If the soil...	then...
Doesn't bind at all and falls through your fingers	Water urgently
Does bind but then crumbles when touched	Apply water and check again soon
Binds and holds	No need to water
Binds and free water squeezes out	Too wet... allow to dry out

SUNDRIES REQUIRED

SUNDRIES REQUIRED

PLANTS	Stakes (per tree)	Ties	Pad/block	Strapping	Half -Round Rail 85mm x 90cm	Tree Anchoring	Spirals	Canes	Rootgrow	Tree & Shrub Compost (per tree)
Rootballed Hedge									20g per m	1 bag per 3 linear meters
NCHM, & Transplants up to 100/125cm							YES	90cm	YES	
Feathered whips & trees 125 to 250cm	1 x 1.2x50mm	38cm Buckle Tie					YES		YES	
Fruit - 1/2 std	1 x 1.2x50mm	38cm Buckle Tie					Sometimes		YES	1/4 bag
BR 6/8 to 12/14	1 x 1.65x60mm	45cm Buckle tie for 6/8 to 10/12, 60cm Heavy Duty for 12/14							YES	1/4 bag for 6/8 to 10/12 1/2 bag for 10/12 to 12/14
BR 14/16	1 x 2.4x75mm	60cm Heavy Duty Buckle tie							YES	1/2 bag
RB or container 8/10 to 12/14	2 x 1.65x60mm		38mm pad or block	1m worth of 38mm	1 x cut piece				YES	1/2 bag
RB or container 14/16 to 20/25	2 x 2.4x75mm		50mm Pad	14/16 to 16/18 same as above 18/20 to 20/25 use 50mm nylon reinforced	1 x cut piece				YES	1 bag
RB or Containter 25cm girth +						Advisable			YES	1 bag
Pleached Trees (RB or Container) 12/14 to 16/18	2 x 1.65x60mm	Cable ties - 8 required per tree (only sold as full packs of 100)	50mm Pad	1m worth of 38mm	1 x cut piece			90cm canes - allow 4 per tree	YES	1 bag
OTHER SUNDRIES info.										
Shelter Height	60cm	90cm	120cm	135cm	150cm	Shelters are normally used for forestry and are not really suitable for hedging as the lower growth will be restricted.				
Protect from	Rabbits & hares	Muntjac deer	Roe deer	Fallow deer	Red Deer					

KINGSDOWN
NURSERIES

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