

Turfgrasses Seed 2017

The buyers guide to
quality amenity turfgrasses



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The BSPB Amenity Committee and the Turfgrass Seed Trials

Introduction

The development of grass varieties for amenity uses is a long-term, costly and sophisticated business. Plant breeding (crossing, selecting and conducting trials) typically takes a decade or more, before varieties are ready for release into Governmental registration and Industry performance trials. Subsequent investment in production, stock-holding, manufacturing and marketing is expensive. The exploitation and utilisation of the superior varieties made available by this process require expert guidance and advice.

The purpose of Turfgrass Seed is to report comprehensive results of available varieties in trials designed to test suitability for:

Use in winter sports pitches, such as football and rugby fields, and municipal recreation areas (Sports Uses Trials).

Use in lawns, summer sports pitches, tennis courts, turf and general landscaping (Lawns Landscaping, Summer Sports and Turf Trials).

Use in the intensive management seen on golf and bowling greens (Greens, Close Mown Trials).

Turfgrass Seed presents the best available interpretation of correctly designed, accurately analysed and independently supervised trials to our collective customer, the professional user of high quality amenity grass cultivars.

The Turfgrass trials are conducted in Bingley, West Yorkshire.

The BSPB Amenity Committee

BSPB is the trade association, based at Ely in Cambridgeshire, which represents the interests of companies with plant breeding and seeds supply businesses in the UK. Companies can participate as Full Members or Associates and the Society caters for businesses with large or small turnovers.

The major functions of BSPB include:

- Acting on behalf of plant breeders to Licence and collect Royalties for the production of seed of protected varieties by third parties.
- Representing the interests of its members opposite Government and the European Commission.
- Co-ordinating agreements with independent trialling organisations to facilitate the production of recommended and descriptive lists of varieties.

The BSPB Amenity Committee comprises representatives of all the major breeders developing new cultivars for customers in the UK. Its objectives include the long term:

- Coordination and funding of independent amenity variety trialling.
- Continuity of the integrity of Turfgrass Seed as a source of impartial and valid information to buyers and users of amenity grass seed.

Guide to using Turfgrass Seed 2017

The lists contained in this booklet are designed to enable users of Turfgrass Seed to evaluate the suitability of different cultivars for various amenity uses. Information for the major turfgrass species is presented in the form of numerical scores. In each column, larger numbers indicate a higher score for the relevant characteristic. For instance, cultivars with a score of 8.0 for shoot density would be expected to produce denser turf than those with a score of 7.0.

The only exception to this general rule is the rating for colour. On this scale higher numbers are darker green. These colour scores are descriptive, to help with colour matching when blending varieties in mixtures. They are not merit ratings and in this case larger numbers do not indicate a higher merit score.

Users should read the text regarding the selection of grasses for each table to determine which grasses best suit their particular needs. Cultivars of the major turfgrass species have been placed in order of suitability for particular uses. The characteristics that have been used to determine this ranking order have been shaded. Where more than one characteristic has been used, a mean has been calculated and added to the table. When calculated, this mean has been placed within the shaded area, to the right of the characteristics used in its calculation.

Cultivars at the top of each list may not be the best cultivars for every use. Users should identify which characteristics are most important for their intended use and then select cultivars accordingly.

The tables are numbered according to their applicability to different end uses, thus:

S	Sports
L	General lawn and landscaping
G	Golf and bowling greens and other close mown situations

Seed of all cultivars named should be available in the UK in 2017 but in smaller amounts where shown as LA (Limited Availability). The full names and addresses for the main seed suppliers representing grasses in the tables are presented on page 28. For grasses where no main agent is identified, users should contact BSPB for further information.

The tables have been split into two sections to give a main table and a new cultivar table. The latter section is reserved for cultivars that have been tested in only the most recent set of trials. The scores in this section of the tables should be regarded with less certainty than the scores in the main sections of the tables. Please note that ratings are not directly comparable among species and uses.

The information presented in Turfgrass Seed 2017 is from trials conducted at the STRI. As with any trial of living material, the performance of the cultivars may vary in commercial management.

Assessment of characters

VISUAL MERIT

Visual merit is an overall measure of the suitability of the sward for its potential use.

Visual merit is a combination of sward density, leaf width, disease resistance, colour and other factors which could influence appearance such as cleanness of cut.

SHOOT DENSITY

In most applications of amenity grass a dense sward is required, especially when a uniform and true surface is needed, such as golf greens. The number of shoots per unit area is assessed to give a measure of sward density of the sown species.

LIVE GROUND COVER

The live ground cover is regarded as more important than shoot density in winter sports turf. The ground cover of the sown species is recorded monthly during the application of artificial football wear to determine wear tolerance.

SLOW RE-GROWTH

Mowing accounts for the majority of the cost of maintaining amenity grass. During the growing season (April to October) the sward height is measured immediately prior to each cut.

FINENESS OF LEAF

The leaf width of different varieties of grasses varies, especially for perennial ryegrasses and smooth-stalked meadow-grass. Fine leaves are desirable in fine turf and ornamental lawns. This assessment is not undertaken for Chewings fescues, hard & sheep's fescues, slender creeping red fescues or strong creeping red fescues where there is little difference among these fine-leaved grasses.

CLEANNES OF CUTTING

Each variety is scored for cleanness of cutting.

DISEASE RESISTANCE

At a time when the usage of pesticides and the products available for use on amenity grasses are declining, disease resistance is of ever increasing importance. All trials are monitored for disease and scored when significant disease infections occur.

COLOUR

Cultivars are assessed for genetic colour in both summer and winter. This is a relative assessment between different varieties and colour will vary depending upon management and fertiliser use.

RECOVERY

The winter sports turf trial is scored for two months following the application of artificial football wear to give an indication of individual varieties ability to recover from wear. Higher scoring varieties are less likely to need intensive renovation in the closed season.

Series S

Sports Uses (Mown at 25mm)

Perennial ryegrass (Table S1)

Smooth-stalked meadow-grass (Table S2)

Tall fescue (Table S3)

Tufted hair-grass (Table S4)

Applications

Winter sports pitches

Football and Rugby pitches

Municipal sports areas

Other intensively used areas

The perennial ryegrass cultivars in Table S1 (pages 6 and 7) are ranked on the mean of live ground cover and visual merit during wear. These characteristics are important for sports pitches receiving intensive wear during winter, such as football and Rugby pitches.

Users should identify the particular properties that are important in their individual situations and choose cultivars that score well for those characteristics. In football and Rugby pitches for example, it may be better to choose a cultivar with reduced susceptibility to red thread, if this can be done without compromising too much on wear tolerance. Where good appearance is required before wear, or in low wear situations, good shoot density, fineness of leaf and cleanness of cut scores will be important.

In all wear situations regular over-seeding can have beneficial results. It is strongly advised that this forms part of the end of season renovation programme. Also the addition of new grasses through over-seeding during the playing season will help maintain ground cover.

Cultivars of smooth-stalked meadow-grasses are shown in order of their performance under football-type wear for inclusion in winter pitches (Table S2). Once established, smooth-stalked meadow-grass can be as hard wearing as perennial ryegrass and usually has better tolerance of close mowing.

Its rhizomes give good recovery from wear and some drought tolerance. However, establishment of this grass is slow and best results can only be achieved if at least 12 months is left between sowing and use, Table S2 (page 8). Trials are sown in spring with wear being applied the following autumn.

Generally, cultivars of tall fescue form turf that would be acceptable for many coarse turfgrass uses. However, they are no substitute for perennial ryegrass in normal turf situations in the UK. Tall fescues are slower in establishment, coarser in leaf texture, and as a result, less attractive in appearance. They may however, have a place under dry or low fertility conditions. Tall fescues have also been used successfully where fairly tall (15 - 20 cm) but still erect swards are desirable, such as the grassed areas surrounding airfields. New improved varieties of this grass type, some with rhizomes, are starting to become available. These produce acceptable lawns but still do not match perennial ryegrass for wear tolerance.

Tufted hair-grass is tolerant of damp and shady conditions and has been included in some seed mixtures for stadiums. This grass can accumulate a little more organic matter at the surface than some of the traditional sports grasses like perennial ryegrass.

Series S

Sports Uses (Mown at 25mm)

Table S1
Perennial ryegrass (*Lolium perenne*)

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Eurodiamond	8.2	8.1	8.2	7.3	8.2	6.7	4.0	5.4	5.4	DLF
EuroCordus	8.1	7.9	8.0	7.5	8.0	6.9	-	5.4	5.4	DSV
Columbine	7.9	7.9	7.9	7.7	7.4	6.5	5.6	5.8	5.9	DLF/JNS/TG
Eurosport	7.9	7.9	7.9	7.8	7.8	7.1	-	5.7	5.7	DSV
Monroe	7.7	7.9	7.8	7.6	7.9	8.2	6.3	6.0	6.1	DLF/JNS
Barcristalla	7.8	7.7	7.8	6.8	7.6	7.1	5.6	6.1	7.2	BAR
Barorlando	7.7	7.6	7.7	6.8	7.6	6.9	5.9	5.5	7.3	BAR
Eugenius	7.6	7.6	7.6	6.8	7.7	7.0	4.6	5.2	5.2	G
Baricum	7.4	7.7	7.5	6.6	7.5	7.7	3.0	5.5	5.2	BAR
Chardin	7.3	7.6	7.5	6.6	7.4	7.9	6.1	5.1	5.2	DLF/JNS
Poseidon	7.6	7.3	7.5	7.1	7.3	6.2	5.7	5.1	5.3	RT/TG
Madrid	7.5	7.4	7.5	7.4	7.3	6.5	6.1	5.5	6.0	LMG
Estelle (LA)	7.2	7.5	7.4	7.8	7.6	7.6	6.2	5.6	5.0	RT/TG
Berlioz 1	7.4	7.4	7.4	6.8	7.3	6.2	5.5	5.7	5.4	DLF/TG
EG Resistus	7.3	7.4	7.4	6.9	7.4	7.7	5.5	5.7	5.8	DSV
Calico	7.3	7.4	7.4	7.8	7.2	7.0	-	5.4	6.4	G/SMFR
Cyrena	7.3	7.4	7.4	7.3	7.3	6.4	6.3	5.1	5.9	LMG
Eventus	7.3	7.4	7.4	7.6	7.8	8.2	5.5	5.4	5.8	BAR/DSV
Carnac	7.1	7.5	7.3	7.5	7.0	6.8	6.5	6.0	5.8	G/SMFR
Barolympic	7.2	7.3	7.3	7.2	7.4	7.3	-	4.2	4.9	BAR
Melbourne	7.2	7.3	7.3	6.6	7.5	7.2	6.8	5.4	5.5	LMG
Gianna (LA)	7.2	7.4	7.3	7.5	7.3	7.1	5.5	5.0	5.5	RT/TG
Shorty	7.3	7.3	7.3	6.6	6.8	6.7	4.3	5.4	5.0	DSV
Vesuvius	7.1	7.4	7.2	7.2	7.2	6.5	6.0	5.0	5.5	G
Melanitta (LA)	7.3	7.2	7.2	7.2	7.1	6.4	5.5	5.2	5.8	DLF
Duparc	7.1	7.3	7.2	7.2	6.8	6.8	7.3	5.1	5.3	RT/TG
Nerine (LA)	7.2	7.3	7.2	7.0	7.5	7.2	4.3	5.1	6.1	DLF
Cadix	7.0	7.5	7.2	7.5	7.0	7.1	5.4	5.9	5.9	G/SMFR
Alison	7.2	7.2	7.2	7.1	7.6	8.0	-	5.5	5.8	LMG
Promotor	7.2	7.2	7.2	7.3	7.0	6.3	4.9	5.1	5.8	G
Vitellius	7.2	7.2	7.2	7.2	6.7	6.1	6.3	5.9	6.2	G
Beckham	7.2	7.1	7.2	6.9	6.8	6.4	-	5.3	4.9	DSV
Himalaya	7.2	7.1	7.1	7.5	7.0	6.5	4.1	5.6	5.9	DLF/LMG
Ligala	7.0	7.3	7.1	7.7	6.9	7.5	5.6	5.5	5.7	DLF/DSV/JNS
Bareuro	7.1	7.2	7.1	7.7	6.8	6.6	5.3	5.2	5.7	BAR
Bizet 1	7.0	7.2	7.1	7.5	5.9	5.8	6.9	5.9	6.3	DLF/JNS
Claudine	7.1	7.1	7.1	6.5	7.3	7.1	-	5.4	6.2	DLF
Nagano	7.1	7.1	7.1	7.4	6.6	6.2	5.3	5.2	5.1	LMG
Montacilla (LA)	6.9	7.2	7.1	6.9	7.2	7.8	5.5	5.5	5.8	DLF
Cleopatra	7.1	6.9	7.0	7.3	6.7	6.0	6.7	4.9	5.3	DLF
Marcellina (LA)	6.9	7.1	7.0	6.9	6.9	6.3	-	4.9	5.7	DLF
Hayley (LA)	6.9	7.0	6.9	6.9	6.9	6.8	-	5.6	6.1	RT/TG
Dickens 1	6.8	7.0	6.9	6.8	8.0	7.4	5.9	5.1	5.4	DLF/JNS
Barillion	6.9	6.8	6.9	6.4	7.1	5.9	6.3	5.7	6.3	BAR
Greenfair	6.8	6.9	6.8	6.4	6.5	6.4	6.0	5.7	6.1	SUT/TG
Vermillion	6.8	6.8	6.8	5.9	6.6	6.6	5.3	6.0	5.2	ICL
Bellini 1	6.8	6.8	6.8	6.0	6.4	6.0	5.2	5.6	5.6	DLF
Shania (LA)	6.8	6.8	6.8	6.9	7.2	7.3	-	5.8	5.8	DLF
Hugo 1	6.6	6.8	6.7	6.7	5.0	5.2	5.3	5.5	5.7	DLF/TG
Greensky	6.7	6.7	6.7	6.7	6.7	6.3	5.9	5.4	5.2	RT/TG

Table S1 Continued

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Finess of leaf	Resistance to Red thread	Winter greenness	Summer greenness	Uk Agent
Barsignum	6.7	6.7	6.7	6.1	7.3	7.9	5.4	5.3	6.3	BAR
Mercitwo	6.7	6.7	6.7	6.6	6.1	6.9	5.7	5.1	5.1	RT/TG
AberAble	6.5	6.8	6.7	6.5	6.3	6.7	6.2	5.7	6.0	G
Clementine	6.6	6.7	6.6	6.8	7.0	7.5	5.9	5.5	5.6	DLF/JNS/TG
Greenway	6.5	6.6	6.6	6.3	6.7	7.4	6.3	6.3	6.0	SUT/TG
RGT Klaxon (LA)	6.5	6.5	6.5	6.4	6.8	6.7	6.8	5.7	6.0	
Ragtime	6.4	6.6	6.5	6.3	5.9	5.7	6.3	6.0	6.2	BAR
Bargold	6.4	6.7	6.5	6.8	7.2	8.0	6.2	5.6	5.6	BAR
Concerto	6.4	6.6	6.5	7.1	6.0	5.1	6.0	6.1	5.9	BAR
Alboka	6.5	6.5	6.5	6.4	7.1	6.8	7.6	6.6	6.7	BAR
Bocelli	6.5	6.4	6.5	6.3	7.0	6.4	5.6	5.0	6.2	LMG
Lourega	6.6	6.4	6.5	5.9	6.3	5.1	7.0	6.5	6.8	DSV
Essence	6.6	6.3	6.5	5.4	6.8	6.4	4.6	6.2	5.4	DLF
Alanis (LA)	6.4	6.5	6.4	6.5	6.6	6.2	-	5.8	5.9	DLF
Verdi	6.6	6.2	6.4	5.9	5.5	5.3	6.1	6.7	7.1	BAR
Barlennium	6.5	6.3	6.4	5.5	6.2	5.4	6.1	7.7	7.8	BAR
Fandango	6.4	6.4	6.4	6.5	6.2	5.8	6.0	6.1	6.1	BAR
Greenglide	6.5	6.3	6.4	6.1	6.1	5.8	5.0	5.3	5.1	DLF
Conrad 1	6.3	6.5	6.4	6.5	6.6	6.3	6.6	6.8	5.6	DLF
Bardorado	6.5	6.3	6.4	5.7	6.2	5.2	6.6	5.2	5.2	BAR
Ceretec Centurion	6.5	6.3	6.4	5.6	6.2	5.8	5.0	7.3	7.1	PGW
Transate	6.4	6.3	6.3	5.7	6.3	5.9	7.1	5.8	6.2	DSV
Zenia (LA)	6.2	6.4	6.3	6.2	6.6	6.6	-	5.0	5.6	DLF
Flamenco	6.4	6.2	6.3	5.8	6.4	6.5	5.4	5.9	6.0	BAR
Ponderosa	6.4	6.1	6.3	5.9	6.3	5.5	5.2	6.7	6.0	LMG
Stolawn	6.0	6.4	6.2	5.6	6.2	6.0	6.4	6.1	6.3	RT/TG
Mistral	6.1	6.3	6.2	5.3	5.7	5.6	6.8	8.2	8.1	ICL
Cassiopeia	6.2	6.1	6.2	6.0	6.6	6.8	5.6	5.7	6.0	DLF
Platinum	6.4	5.9	6.2	5.6	5.4	4.9	5.6	7.3	6.4	DLF
Alyssa (LA)	6.1	6.2	6.1	6.3	6.9	7.2	5.5	5.5	5.5	DLF
Candice (LA)	6.3	6.0	6.1	6.4	6.2	6.1	-	5.5	6.1	DLF
Kalmia (LA)	6.2	6.1	6.1	5.9	6.4	6.3	5.3	5.1	5.4	DLF
Agreement	6.1	6.1	6.1	5.5	6.4	5.7	5.5	6.3	6.2	G
Antonella	6.2	6.0	6.1	6.3	6.2	6.7	-	5.7	6.4	RT/TG
Pascal	6.1	6.1	6.1	5.7	6.2	5.6	5.9	6.2	6.4	DSV
Escapade	5.9	6.2	6.0	6.9	6.3	8.3	4.4	6.2	5.9	G/SMFR
Jubilee EG	6.1	6.0	6.0	5.9	5.9	5.4	5.4	6.1	6.4	DSV
Stravinsky	6.2	5.8	6.0	5.5	5.7	4.8	6.6	8.4	8.1	DLF
Sirtaky	6.1	5.9	6.0	6.3	6.5	6.5	6.3	5.9	5.5	BAR
Traffic	6.0	5.9	5.9	6.5	5.9	7.0	5.4	5.3	6.0	DSV
Liromeo	5.9	6.0	5.9	6.1	6.0	5.9	7.3	6.4	6.7	DSV
Libero	5.9	5.8	5.9	5.6	6.4	6.8	5.6	6.2	6.6	DLF/JNS
Limonica	5.9	5.7	5.8	5.5	5.4	5.1	6.4	7.4	7.5	DSV
Esquire	6.0	5.6	5.8	5.3	5.4	4.9	6.0	6.9	7.0	DLF
Fancy	5.9	5.6	5.7	4.6	5.2	5.3	6.0	6.6	5.8	FF
Turfgold	5.7	5.7	5.7	6.0	5.5	5.3	6.3	6.9	6.9	DSV
Lifrance	5.6	5.6	5.6	5.8	4.9	5.8	7.1	6.2	6.1	DSV
Kokomo	5.6	5.7	5.6	5.0	4.9	4.9	7.0	8.6	8.3	DLF/LMG
Neruda 1	5.8	5.3	5.6	5.2	4.8	5.1	6.7	8.6	8.0	DLF/TG
Capri	5.6	5.3	5.4	5.1	4.9	4.8	6.5	6.3	5.2	DLF
Recital (LA)	5.4	5.5	5.4	5.1	6.4	6.5	7.1	6.2	6.9	BAR
New Cultivars										
Europitch (LA)	8.1	8.3	8.2	7.5	8.5	7.9	4.3	5.4	5.1	DSV
Annecy (LA)	7.7	7.9	7.8	7.4	7.1	6.9	3.6	5.4	5.6	LMG
Angelina (LA)	7.6	7.5	7.5	8.0	7.7	7.0	6.1	4.9	5.6	DLF
Penelope (LA)	7.0	7.0	7.0	7.1	7.3	7.9	3.6	5.4	5.3	DLF
Galleon	6.4	6.5	6.5	4.9	6.3	5.2	6.6	8.2	8.3	G

- = Data not available.

Series S

Sports Uses (Mown at 25mm)

Table S1s

Tetraploid ryegrasses

Tetraploid cultivars of perennial ryegrass are starting to be used in specialist seed mixtures for sports uses. These grasses should not be confused with more persistent diploid perennial ryegrass that are more commonly used in sports turf mixtures. In like-for-like comparisons, the traditional diploid grasses have greater wear tolerance and produce a more attractive sward. However, the tetraploid grasses have characteristics that can be exploited alongside traditional grasses. The main benefits are quicker germination and establishment in cool conditions and increased seedling vigour. Once established, they also tend to maintain growth longer than diploid cultivars as temperatures fall in the winter. This allows these grasses to replace lost grass cover during winter wear. The ratings presented are comparable with those given for diploid perennial ryegrass cultivars in Table S1.

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Fabian	6.7	6.4	6.6	6.7	5.8	5.5	6.2	6.5	6.8	DLF/JNS/TG
Double	5.4	4.9	5.1	4.4	4.4	3.4	8.1	7.5	7.4	DLF/JNS
Tetragreen	4.9	4.6	4.8	4.2	5.1	4.6	7.3	7.3	7.6	RT/TG
New Cultivars										
Tetrasport (LA)	4.4	4.7	4.6	4.7	4.5	4.9	7.5	7.9	8.2	DSV

Table S2

Smooth-stalked meadow-grass (*Poa pratensis*)

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Resistance to Rust	Winter greenness	Summer greenness	UK Agent
Julius	7.3	7.4	7.4	7.5	7.1	6.4	5.3	5.4	5.0	DLF
Harmonie	7.3	7.3	7.3	6.8	7.6	7.6	5.0	6.6	6.2	DLF/TG
Greenplay	7.2	7.4	7.3	7.4	7.4	7.2	5.0	6.4	6.3	RT/TG
Sombrero	7.2	7.4	7.3	7.4	7.6	7.4	4.9	5.4	6.3	DLF/JNS
Bariris	7.2	7.3	7.3	7.4	7.3	7.1	4.8	6.8	6.2	BAR
Barhelene	7.2	7.2	7.2	7.4	7.6	7.4	5.0	5.8	6.3	BAR
Julia	7.0	7.2	7.1	7.5	6.7	6.2	5.6	6.5	6.1	
Linares	7.1	7.1	7.1	6.7	7.6	7.8	4.8	5.1	5.6	DSV
Limousine	7.0	7.2	7.1	7.4	7.7	6.9	5.0	6.2	5.6	DLF/JNS
Panduro	6.9	7.0	6.9	6.4	6.3	6.0	5.7	6.7	5.6	DLF
Lincolnshire	6.7	7.1	6.9	7.1	6.7	6.7	4.6	6.4	5.0	DLF
Joker	6.8	6.9	6.8	6.7	7.4	7.9	6.0	5.6	6.2	G
Yvette	6.6	6.6	6.6	6.1	6.8	6.7	6.9	5.9	5.9	LMG
Broadway	6.5	6.5	6.5	6.9	6.2	5.1	6.2	6.5	6.8	RT/TG
Mozart 1	6.3	6.6	6.5	6.0	6.7	6.3	7.1	5.3	4.6	DLF
PowerPlay (LA)	6.4	6.4	6.4	6.4	7.1	7.4	6.9	4.0	6.7	DSV
Touche	6.3	6.4	6.3	6.4	6.6	6.4	6.4	6.8	6.2	BAR
Parsifal	6.2	6.5	6.3	6.4	6.6	7.6	6.4	7.0	6.0	G
Aramintha (LA)	6.3	6.3	6.3	6.1	6.7	7.1	6.4	4.7	5.9	DLF
Cocktail	6.2	6.4	6.3	5.8	6.8	6.6	6.5	5.9	5.3	LMG
Miracle	5.9	5.9	5.9	5.4	6.0	5.6	6.8	5.3	6.6	DLF
Conni	5.6	5.7	5.6	5.8	6.0	6.1	5.9	6.1	5.9	DLF
Evora	4.7	4.6	4.7	4.7	4.6	5.0	6.3	6.4	6.4	DLF
Zeptor	4.3	4.6	4.4	4.6	5.0	5.3	7.1	6.4	4.9	DSV
New Cultivars										
Traction (LA)	7.6	8.0	7.8	7.8	8.2	8.1	4.0	4.3	5.3	ICL
Tetris	7.0	7.3	7.1	6.7	7.6	8.3	5.8	6.2	6.6	G
Enigma	6.1	6.2	6.2	5.4	6.7	7.1	6.0	6.0	5.8	ICL

Table S3Tall fescue (*Festuca arundinacea*)

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Winter greenness	Summer greenness	UK Agent
Greenbrooks	7.8	7.8	7.8	7.6	7.6	6.9	6.5	6.9	RT/TG
Justice	7.7	7.6	7.6	7.0	6.8	6.1	6.6	6.6	BAR
RGT Nuance	7.2	7.5	7.3	7.0	7.2	7.4	4.0	4.1	
Debussy 1	7.2	7.2	7.2	7.0	7.2	6.8	7.0	7.2	DLF/JNS
Barcesar	6.9	6.9	6.9	6.7	7.3	7.5	5.1	5.0	BAR
Melyane	6.7	6.8	6.8	6.5	7.3	7.4	5.2	5.1	DSV
Grande II	6.7	6.5	6.6	5.9	6.7	6.5	6.6	6.6	RT/TG
Scorpiones	6.6	6.3	6.5	6.2	6.4	6.1	6.0	6.4	RT/TG
Barlexas II	5.9	6.0	6.0	5.7	5.9	6.2	6.7	6.9	BAR

Table S4Tufted hair-grass (*Deschampsia caespitosa*)

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Cleanness of cut	Winter greenness	Summer greenness	UK Agent
Trakaj	7.4	7.4	7.4	6.5	7.4	6.6	-	6.1	6.7	DSV
Barxera	7.0	7.1	7.1	7.5	6.6	6.9	-	5.8	5.9	BAR
Barcampsia	6.4	6.5	6.5	6.1	6.8	7.0	-	6.2	5.0	BAR

New Cultivars

Desanto (LA)	6.3	6.1	6.2	7.1	6.6	-	-	5.0	5.3	DSV
Deshade (LA)	5.9	5.9	5.9	5.9	5.2	-	-	4.6	4.7	DSV

- = Data not available.



Series L

Lawns, Landscaping, Summer Sports and Turf Trials (Mown at 10-15mm)

Perennial ryegrass (Table L1), Smooth-stalked meadow-grass (Table L2), Chewings fescue (Table L3), Slender creeping red fescue (Table L4), Strong creeping red fescue (Table L5), Hard and Sheep's fescue (Table L6), Bentgrasses (Table L7), Tall fescue (Table L8) and Tufted hair-grass (Table L9)

Applications

Professional and domestic lawns

Fairways

Cricket

Tennis courts

General landscaping

Perennial ryegrasses are ranked in Table L1 (pages 11-12), smooth-stalked meadow-grasses in Table L2 (page 13), tall fescues in Table L8 (page 18) and tufted hair-grass in Table L9 (page 18) on their mean performance for shoot density, fineness of leaf, slow regrowth and visual merit.

Fescues are ranked in Tables L3 to L6 (pages 14-17) on their mean performance for shoot density and visual merit.

Bentgrasses are ranked in Table L7 (pages 17 and 18) on the mean of their shoot density, fineness of leaf and visual merit.

In addition to differences among cultivars, there are some general sub-species differences among the red fescues. Chewings fescues in comparison with slender creeping red fescues tend to be more resistant to diseases. They also tend to "green up" faster in the spring. The slender creeping red fescues are more drought tolerant and maintain colour and growth better in the autumn and early winter. Both Chewings and slender creeping red fescues are more tolerant of closer mowing than strong creeping red fescues and produce denser turf at all heights of cut.

Cultivars of hard fescue are shown in order of suitability for use in fine turf in Table L6. These grasses, along with the sheep's fescues may be used for fine turf in very dry or infertile conditions.

They are also suited to low maintenance conditions and may be of value in environmentally sensitive areas, particularly where the natural grasses are of the same species. Please note that sheep's and fine leaved sheep's fescues tend to grow in different directions and as such do not produce a uniform sward. Also, most of these grasses have been found to be fairly intolerant of wear and as a result should only be considered for use in ornamental and low maintenance areas. In contrast Quatro sheep's fescue has been found to be fairly wear tolerant. In golf and bowling green trials at the STRI this cultivar has been shown to have comparable wear tolerance to Chewings and slender creeping red fescues.

Generally, cultivars of tall fescue form turf that would be acceptable for many coarse turfgrass uses. However, they are no substitute for perennial ryegrass in normal turf situations in the UK. Tall fescues are slower in establishment, coarser in leaf texture, and as a result, less attractive in appearance. They may however, have a place under dry or low fertility conditions. Tall fescues have also been used successfully where fairly tall (15- 20cm) but still erect swards are desirable, such as the grassed areas surrounding airfields. New improved cultivars of this grass type, some with rhizomes, are starting to become available. These grasses produce lawns of acceptable quality, particularly where fertility and water might be restricted.

Tufted hair-grass is naturally adapted to damp and shady conditions. In turf the grass forms a dense upright sward, which is fairly tolerant of wear.

Series L

Lawns, Landscaping, Summer Sports and Turf Trials (Mown at 10-15mm)

Table L1

Perennial ryegrass (*Lolium perenne*)

Cultivar	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Resistance to Red thread	Cleanness of cut	Winter greenness	Summer greenness	UK Agent
Cabrio	7.9	8.8	7.2	8.0	8.0	3.8	7.1	5.2	6.1	G/SMFR
Clementine	8.4	7.9	7.5	8.1	8.0	6.5	8.3	5.1	5.7	DLF/JNS/TG
Barolympic	8.2	8.3	7.2	8.1	8.0	5.6	7.4	4.5	5.3	BAR
Barsignum	7.7	8.1	7.7	8.1	7.9	5.2	6.6	5.6	6.5	BAR
Alison	7.9	7.8	6.9	8.0	7.6	6.7	7.1	5.5	5.8	LMG
Escapade	7.7	8.2	6.5	7.8	7.5	6.1	6.3	5.8	6.1	G/SMFR
Monroe	7.7	8.0	6.4	8.0	7.5	5.7	7.3	6.0	6.1	DLF/JNS
Chardin	7.5	8.0	6.5	7.9	7.5	7.6	7.7	4.8	5.5	DLF/JNS
Bargold	7.5	8.1	6.6	7.6	7.4	6.7	6.9	5.6	5.8	BAR
Eventus	7.8	8.3	5.6	8.1	7.4	6.7	7.1	5.4	6.0	BAR/DSV
Zenia (LA)	7.8	7.2	6.6	7.8	7.4	5.4	6.8	5.0	5.4	DLF
Claudine	7.4	7.3	7.3	7.4	7.3	4.8	6.2	5.3	5.8	DLF
EG Resistus	7.6	7.5	6.8	7.4	7.3	4.6	6.5	5.7	6.3	DSV
Dickens 1	7.7	7.5	6.2	7.9	7.3	6.4	5.5	5.6	5.6	DLF/JNS
Montacilla (LA)	7.7	7.7	6.1	7.7	7.3	6.5	6.9	5.5	5.8	DLF
Nerine (LA)	7.6	7.4	6.0	7.8	7.2	5.7	6.7	5.2	6.1	DLF
Antonella	7.4	7.5	6.4	7.6	7.2	5.9	6.6	5.5	6.0	RT/TG
Francesca (LA)	7.1	7.3	7.5	6.9	7.2	5.5	6.4	5.2	5.8	DLF
Shorty	7.2	7.1	7.0	7.2	7.1	6.0	6.1	4.7	5.6	DSV
Alanis (LA)	7.4	7.4	6.0	7.6	7.1	5.0	6.8	5.5	6.0	DLF
Duparc	7.5	7.2	5.9	7.7	7.1	8.5	6.7	5.2	5.3	RT/TG
Malibu	7.2	7.6	6.4	7.2	7.1	4.7	6.2	5.1	6.2	LMG
Barcristalla	7.5	6.7	6.3	7.5	7.0	5.8	5.9	6.2	6.8	BAR
Venice	7.2	7.3	6.4	6.9	7.0	8.3	6.7	4.6	5.5	LMG
Hayley (LA)	7.0	7.0	6.6	7.2	6.9	5.2	5.9	5.3	6.2	RT/TG
Dylan	6.7	7.3	6.6	7.2	6.9	7.9	7.1	5.4	6.2	DLF/TG
Cassiopeia	7.0	7.2	6.8	6.8	6.9	6.0	6.0	5.9	5.6	DLF
Groundforce	7.1	7.3	6.0	7.2	6.9	6.1	7.4	4.9	6.4	ICL
Melbourne	7.3	7.2	6.0	7.0	6.9	5.5	7.0	5.0	6.1	LMG
Libero	7.3	7.2	6.0	7.0	6.9	4.7	6.3	6.1	6.6	DLF/JNS
Shania (LA)	7.3	7.4	5.7	7.1	6.9	6.4	6.5	5.5	5.8	DLF
Carnac	7.8	6.9	5.9	6.9	6.9	6.2	5.8	6.1	6.0	G/SMFR
Sirtaky	7.6	6.7	6.0	7.2	6.9	6.8	6.4	5.7	5.3	BAR
Kalmia (LA)	6.9	6.5	6.7	7.2	6.8	5.9	6.8	5.1	5.7	DLF
Marcellina (LA)	7.1	6.6	6.3	7.3	6.8	6.8	6.5	4.7	5.6	DLF
EuroCordus	7.1	6.7	6.3	7.2	6.8	6.7	6.3	5.8	5.8	DSV
Ligala	7.1	7.2	5.8	7.2	6.8	5.6	4.0	5.3	5.3	DLF/DSV/JNS
Sakura (LA)	7.2	7.1	5.5	7.4	6.8	4.6	5.9	5.5	6.0	DLF
Cachemire	7.1	7.0	6.1	7.0	6.8	5.5	6.6	5.5	6.0	SMFR/G
Poseidon	6.9	6.7	6.6	6.9	6.8	5.1	6.2	4.8	5.2	RT/TG
Himalaya	7.0	6.8	6.2	7.1	6.8	4.8	7.1	5.3	6.2	DLF/LMG
Calico	7.2	7.1	5.5	7.2	6.7	4.9	5.6	5.7	6.4	G/SMFR
Conrad 1	6.8	7.0	6.2	6.9	6.7	6.3	4.8	6.6	5.4	DLF
Madrid	6.9	6.5	6.7	6.8	6.7	4.8	5.6	5.9	5.8	LMG
Mercitwo	6.7	6.9	6.6	6.7	6.7	6.3	8.2	4.5	5.5	RT/TG
Bocelli	7.0	6.5	6.2	7.1	6.7	5.4	7.2	5.7	6.2	LMG
Vesuvius	7.3	6.7	5.4	7.3	6.7	6.4	6.9	5.2	5.4	G
Nagano	6.6	6.9	6.3	6.8	6.7	5.8	7.0	4.8	5.2	LMG
Greenway	6.7	7.1	6.1	6.8	6.7	5.7	5.9	6.0	6.0	SUT/TG
Eurosport	7.4	6.7	5.3	7.2	6.7	5.9	5.1	5.3	5.9	DSV
Beckham	6.9	6.5	6.1	7.2	6.7	7.2	4.9	5.4	5.0	DSV
Cyrena	6.7	6.5	6.5	6.9	6.7	5.2	6.7	5.3	5.6	LMG
Traffic	6.8	6.6	6.4	6.8	6.7	5.9	6.1	5.6	6.1	DSV
Margarita	6.6	7.2	5.6	7.1	6.6	5.1	5.6	6.2	5.8	DLF
Flamenco	7.3	6.5	5.7	7.0	6.6	6.0	6.8	5.6	5.6	BAR
Eurodiamond	6.5	6.8	6.4	6.7	6.6	5.1	4.2	5.6	5.7	DLF
Bareuro	6.7	6.9	6.3	6.5	6.6	5.7	7.1	5.0	5.8	BAR

Table L1 Continued

Cultivar	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Resistance to Red thread	Cleaness of cut	Winter greenness	Summer greenness	UK Agent
Barlicum	6.9	7.2	5.2	7.0	6.6	6.2	5.3	5.5	5.7	BAR
Melanitta (LA)	7.2	6.5	5.6	7.0	6.6	6.4	6.8	5.6	5.5	DLF
Promotor	6.4	6.5	6.6	6.6	6.5	6.4	6.1	4.8	5.8	G
Alboka	6.9	6.2	6.4	6.7	6.5	6.9	6.8	6.6	6.3	BAR
Restore (LA)	6.7	6.3	6.3	6.6	6.5	5.6	7.2	6.4	6.3	ICL
Liromeo	6.7	6.2	6.0	7.0	6.5	7.5	7.2	6.6	6.9	DSV
Vermillion	6.7	6.4	5.9	6.9	6.5	5.9	5.7	5.8	5.7	ICL
Barorlando	6.7	6.5	5.8	6.9	6.5	5.9	6.8	5.7	6.4	BAR
Cleopatra	6.4	6.1	6.9	6.4	6.5	6.0	6.2	5.1	5.8	DLF
Greenfair	6.4	6.6	6.2	6.7	6.5	6.0	6.2	6.0	6.1	SUT/TG
Cadix	6.5	6.9	6.1	6.3	6.5	5.5	5.5	5.9	5.6	G/SMFR
Bellevue	6.6	6.5	6.0	6.4	6.4	6.4	6.5	5.6	5.3	FF
Pontiac	6.6	5.7	7.0	6.1	6.4	5.6	6.7	4.8	6.1	LMG
Recital (LA)	6.6	6.2	6.3	6.2	6.3	7.4	6.6	6.3	6.8	BAR
Greensky	6.6	6.5	6.4	6.0	6.3	5.5	6.1	5.5	4.9	RT/TG
Vulcanus	6.2	5.9	7.1	6.1	6.3	5.9	5.5	6.7	6.5	DSV
Berlioz 1	6.5	6.2	6.1	6.5	6.3	5.5	4.8	5.7	5.5	DLF/TG
Fandango	6.8	5.9	5.9	6.6	6.3	6.6	6.9	6.2	5.4	BAR
Menuet (LA)	6.4	6.5	5.8	6.4	6.3	6.8	5.2	5.3	5.2	DLF/JNS
AberAble	6.7	6.5	5.0	7.0	6.3	5.5	4.7	5.6	5.9	G
Pascal	6.4	5.9	6.7	6.2	6.3	7.7	6.0	6.5	6.7	DSV
Bartwingo	6.2	6.6	6.3	6.0	6.3	5.8	7.6	4.9	5.8	BAR
Vitellius	6.4	5.7	6.4	6.5	6.2	6.2	5.5	5.8	6.1	G
Eugenius	6.8	6.3	4.8	6.9	6.2	5.6	6.1	5.4	5.8	G
Candice (LA)	6.6	6.4	5.6	6.3	6.2	6.6	6.1	5.7	5.9	DLF
Barminton	5.8	6.0	6.5	6.0	6.1	5.2	6.5	5.1	6.1	BAR
Ragtime	6.4	5.9	5.4	6.6	6.1	5.8	6.4	5.6	6.1	BAR
Frontliner	6.2	6.4	5.3	6.2	6.0	6.4	5.9	4.9	5.8	DSV
Columbine	5.9	6.0	6.0	6.2	6.0	5.8	5.4	5.9	5.4	DLF/JNS/TG
Transate	6.2	5.7	5.7	6.3	6.0	7.2	6.2	6.1	6.0	DSV
Libronco	5.8	5.7	6.8	5.6	6.0	6.4	6.0	7.1	6.6	DSV
Bizet 1	6.1	5.9	5.5	6.5	6.0	7.0	5.4	5.8	6.1	DLF/JNS
Stravinsky	6.0	4.8	7.0	5.8	5.9	6.3	5.4	8.5	8.0	DLF
Passion	6.3	6.0	5.4	5.9	5.9	7.0	5.8	6.1	5.6	DLF/LMG
Turfgold	5.8	5.3	6.7	5.8	5.9	5.8	5.9	6.4	6.2	DSV
Cereteo Centurion	5.9	5.1	6.9	5.7	5.9	5.6	5.6	6.9	7.0	PGW
Bellini 1	6.0	5.8	5.7	6.0	5.9	5.9	4.1	5.4	5.2	DLF
Barlennium	5.9	5.1	7.0	5.5	5.9	6.2	6.1	7.6	7.4	BAR
Lifrance	5.5	6.3	5.9	5.9	5.9	6.5	5.8	6.1	5.7	DSV
Stolawn	6.3	5.8	4.9	6.5	5.9	5.7	4.5	5.9	6.2	RT/TG
Esquire	5.6	5.1	7.1	5.4	5.8	6.1	5.7	6.8	6.8	DLF
Neruda 1	5.8	5.3	6.2	5.9	5.8	7.2	5.9	8.9	8.0	DLF/TG
Limonica	5.6	5.3	6.5	5.7	5.8	5.8	6.0	7.5	7.3	DSV
Essence	5.6	6.4	5.5	5.4	5.7	4.3	5.9	6.0	5.2	DLF
Platinum	5.6	5.8	6.0	5.4	5.7	5.8	6.0	7.1	6.3	DLF
Kokomo	5.3	5.0	6.7	5.7	5.7	6.8	6.5	8.2	7.8	DLF/LMG
Forever	5.3	4.6	7.3	5.3	5.6	7.4	6.2	8.0	8.0	DLF
Jubilee EG	5.6	5.7	6.0	5.1	5.6	4.9	5.6	6.0	6.2	DSV
Concerto	5.8	5.2	5.5	5.7	5.6	6.0	5.8	6.0	5.4	BAR
Greenglide	6.1	5.7	4.6	5.7	5.5	5.2	6.2	5.5	5.4	DLF
Eterlou	5.3	5.1	5.9	5.2	5.4	5.9	5.4	6.5	6.7	DSV
Ponderosa	5.2	5.6	5.7	4.9	5.3	5.5	5.4	6.4	6.0	LMG
Verdi	5.1	4.9	5.7	4.8	5.1	5.9	5.8	6.7	6.5	BAR
Taya	4.7	5.0	5.1	5.0	5.0	6.3	5.4	4.9	5.2	DLF
Capri	4.6	4.8	4.9	4.8	4.8	6.7	4.3	6.1	5.2	DLF
New Cultivars										
Torsion (LA)	8.1	7.6	8.6	7.7	8.0	5.0	8.0	6.5	7.9	ICL
Penelope (LA)	7.9	8.1	7.5	7.8	7.8	4.2	7.4	5.4	5.8	DLF
Angelina (LA)	7.5	7.2	8.2	7.6	7.7	6.4	7.8	4.9	5.9	DLF
Gianna (LA)	7.8	7.2	6.6	7.8	7.3	7.7	7.5	4.7	5.6	RT/TG
Europitch (LA)	7.6	7.7	6.4	7.7	7.3	5.3	6.7	4.9	6.0	DSV
Estelle (LA)	8.0	7.8	5.4	8.1	7.3	5.0	5.6	5.0	4.5	RT/TG
RGT Klaxon (LA)	7.7	6.9	6.6	7.4	7.2	8.1	6.8	5.7	5.8	
Annecy (LA)	7.0	6.5	6.9	6.7	6.8	5.9	6.5	4.9	5.6	LMG
Alyssa (LA)	7.6	7.4	4.5	7.3	6.7	5.6	8.0	4.7	5.5	DLF

Series L

Lawns, Landscaping, Summer Sports and Turf Trials (Mown at 10-15mm)

Table L2

Smooth-stalked meadow-grass (*Poa pratensis*)

Cultivar	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Resistance to Rust	Winter greenness	Summer greenness	UK Agent
Sombrero	7.9	7.5	6.9	7.7	7.5	5.4	5.9	5.1	DLF/JNS
Lincolnshire	7.9	7.4	6.3	7.9	7.4	4.9	6.7	5.5	DLF
Barhelene	7.8	7.7	6.5	7.5	7.4	5.8	5.6	4.8	BAR
Greenplay	8.0	7.6	6.1	7.8	7.3	6.1	6.1	5.1	RT/TG
Linares	7.8	7.8	6.0	7.6	7.3	6.2	5.9	5.0	DSV
Limousine	7.9	7.6	5.8	7.7	7.2	5.5	6.2	5.1	DLF/JNS
Joker	7.5	7.6	6.5	7.2	7.2	6.7	5.6	5.4	G
Harmonie	7.8	7.5	5.4	7.7	7.1	5.5	5.4	5.0	DLF/TG
Arende (LA)	7.4	7.3	6.4	7.3	7.1	6.7	5.2	5.5	DLF
Yvette	7.3	7.3	6.4	7.3	7.1	7.0	6.2	5.5	LMG
Aramintha (LA)	7.4	7.3	6.0	7.5	7.1	6.8	5.2	5.5	DLF
Julius	7.7	7.1	5.6	7.1	6.9	5.2	6.1	4.7	DLF
Mozart 1	7.1	6.9	5.2	7.2	6.6	6.7	6.0	5.4	DLF
Cocktail	6.5	6.6	5.4	7.0	6.3	6.7	6.6	6.3	LMG
Miracle	6.3	6.1	6.2	6.4	6.3	7.4	5.5	7.1	DLF
Conni	6.3	6.0	6.1	6.6	6.2	6.0	5.7	6.3	DLF
Zeptor	6.3	5.9	6.9	5.9	6.2	6.2	5.5	6.6	DSV
Julia	5.9	6.1	5.8	5.8	5.9	5.9	5.9	5.5	
Touche	6.1	5.7	5.2	6.0	5.8	6.4	7.1	5.5	BAR
Broadway	6.1	5.2	5.3	6.4	5.7	6.1	6.3	6.5	RT/TG
Bariris	5.9	5.9	5.1	5.6	5.6	5.5	4.6	5.7	BAR
Panduro	5.6	5.9	5.3	5.3	5.5	6.0	5.6	5.4	DLF
Evora	4.5	4.2	4.3	4.4	4.4	4.1	5.6	7.0	DLF
New Cultivars									
Tetris	6.8	7.1	6.8	6.9	6.9	6.8	7.0	6.1	G
Powerplay (LA)	6.8	6.3	7.6	6.4	6.8	6.4	4.9	6.9	DSV
Markus	6.9	6.1	5.4	6.9	6.3	6.4	4.7	5.8	DSV

Series L

Lawns, Landscaping, Summer Sports and Turf Trials (Mown at 10-15mm)

Table L3

Chewings fescue (*Festuca rubra commutata*)

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Siskin (LA)	8.0	8.0	8.0	8.3	6.1	7.4	DLF/JNS
Humboldt	7.8	7.7	7.7	6.8	6.1	6.0	DLF/JNS
Ramona	7.5	7.8	7.6	7.2	5.2	5.3	DSV
Barlineus	7.8	7.4	7.6	7.6	6.3	4.8	BAR
EuroCarina	7.5	7.5	7.5	6.6	5.4	5.7	DSV
Bodega	7.4	7.5	7.5	6.7	6.0	5.3	BAR
Caldris (LA)	7.5	7.3	7.4	5.9	4.9	4.5	LMG
Bogart (LA)	7.3	7.5	7.4	7.1	5.4	4.8	DLF
Greenmile	7.4	7.4	7.4	6.3	7.5	6.3	RT/TG
Esparina (LA)	7.3	7.3	7.3	7.2	6.2	7.9	DLF
Musica	7.2	7.4	7.3	6.8	5.5	6.9	BAR
Blenheim	7.2	7.1	7.2	6.6	6.2	5.7	DLF/JNS
Highnote (LA)	7.2	6.9	7.1	5.5	5.3	5.9	DLF
Barchip	7.1	7.0	7.1	5.9	6.4	7.3	BAR
Fulmar (LA)	7.0	7.1	7.0	7.4	4.1	5.3	DLF
Joanna	6.9	7.0	7.0	4.9	7.0	7.6	G
Dorianna	6.8	7.1	6.9	7.8	6.5	5.4	G
Greensleeves	6.7	7.1	6.9	6.8	5.6	5.5	RT/TG
Mission	6.9	6.9	6.9	6.4	6.8	7.3	DSV
Brahms	6.7	7.1	6.9	6.2	7.0	5.5	RT/TG
Bargreen II	7.0	6.7	6.8	5.7	5.4	5.2	BAR
Katarina	6.9	6.7	6.8	5.2	5.8	6.6	DSV
Nikky	6.8	6.7	6.8	5.4	5.8	6.1	LMG
Barswing	6.8	6.7	6.8	7.9	6.5	5.1	BAR
Annalena (LA)	6.9	6.4	6.7	4.5	6.1	7.1	DSV
Maritza	6.8	6.5	6.6	6.1	5.7	5.6	LMG
Melitta	6.6	6.6	6.6	6.7	5.4	5.7	DSV
Eurocrown	6.6	6.6	6.6	6.5	5.7	5.3	DSV
Wagner 1	6.5	6.5	6.5	5.7	7.0	6.9	DLF
Raisa	6.6	6.2	6.4	5.7	5.9	5.6	G
Wapiti (LA)	6.3	6.3	6.3	5.8	5.4	6.1	DLF
Bargreen	6.1	6.3	6.2	7.2	5.7	6.0	BAR
Lichampion	6.3	6.1	6.2	6.2	5.8	6.2	DSV
Belleaire	6.0	6.3	6.2	4.5	6.8	7.3	SUT/TG
Calliope	6.4	5.8	6.1	5.3	4.4	6.3	TG/DLF
Capriccio	6.2	6.0	6.1	6.4	4.8	5.7	DLF
Trophy	5.6	6.4	6.0	6.9	5.6	6.5	DLF/LMG
Excellence	6.0	5.9	6.0	5.3	6.0	6.2	DSV
Olivia	6.0	5.8	5.9	5.0	5.2	5.8	DSV
Livista	6.2	5.4	5.8	6.2	4.9	6.5	DSV
Raymond	4.7	5.0	4.8	5.6	7.7	6.4	LMG
New Cultivars							
Valetta (LA)	6.9	6.8	6.9	7.3	5.3	7.6	DLF
Morellino (LA)	6.6	6.9	6.7	6.4	3.7	4.3	DLF

Series L

Lawns, Landscaping, Summer Sports and Turf Trials (Mown at 10-15mm)

Table L4

Slender creeping red fescue (*Festuca rubra litoralis*)

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Nigella	7.9	8.0	7.9	6.9	5.9	6.7	DLF/JNS
Beudin	7.7	8.0	7.9	6.4	5.6	5.3	DLF/JNS/TG
Barcrown	7.8	7.5	7.6	8.4	5.6	6.4	BAR
Aporina (LA)	7.5	7.7	7.6	7.0	6.0	5.4	LMG
Barprince	7.5	7.7	7.6	7.5	5.2	4.9	BAR
Cezanne	7.4	7.6	7.5	6.4	6.5	6.9	DLF/JNS
Viktorka	7.6	7.5	7.5	7.8	5.6	7.0	BAR
Mirador	7.5	7.2	7.4	6.8	5.4	5.8	G
Barpearl	7.2	7.3	7.2	8.0	6.4	6.2	BAR
Borluna	7.3	7.0	7.2	5.4	6.9	7.3	G
Papilio (LA)	7.2	7.1	7.1	6.5	4.9	5.1	DLF
Finesto	7.1	7.1	7.1	5.6	5.7	5.5	DLF
Valdora	7.0	7.0	7.0	6.0	5.6	6.1	DLF
Tremont	6.9	7.0	7.0	6.4	5.3	5.4	G
Barmalia	6.9	7.0	6.9	7.4	5.6	4.2	BAR
Turner 1	6.8	6.6	6.7	5.8	5.7	6.8	RT/TG
Archibal (LA)	6.7	6.6	6.7	5.0	5.3	5.8	DLF
Charlotte (LA)	6.7	6.4	6.6	6.0	4.9	5.6	DSV
EuroMarie	6.4	6.7	6.5	4.7	7.6	5.9	DSV
AberCharm	6.7	6.3	6.5	6.0	7.4	8.0	G
Carousel	6.3	6.7	6.5	5.7	6.0	5.9	LMG
Amarone	6.5	6.4	6.5	6.8	6.3	5.2	DLF
Musette	6.2	6.4	6.3	4.4	7.0	6.5	BAR
Pinafore	6.3	6.3	6.3	6.4	7.5	6.9	DLF
Cathrine	6.3	6.1	6.2	5.5	8.3	7.8	DSV
Corrida	6.0	6.1	6.1	5.4	6.4	7.6	LMG
Mezzoforte	6.1	5.9	6.0	5.6	7.6	6.5	DSV
Reggae	6.0	5.5	5.8	4.4	6.2	6.1	BAR
Helena	5.8	5.7	5.7	4.8	5.6	5.4	RT/TG
Smirna	5.5	5.5	5.5	5.9	5.4	5.2	LMG/DLF
Carmania	5.4	5.4	5.4	5.1	6.8	5.7	SMFR
Libano	5.2	5.2	5.2	4.9	5.7	5.5	DSV
Samanta	5.1	5.2	5.1	5.1	5.3	5.2	DLF
New Cultivars							
Cathy	7.2	6.9	7.0	6.4	5.0	5.3	DLF
Vivien (LA)	6.5	5.9	6.2	5.4	7.7	7.2	DLF

Series L

Lawns, Landscaping, Summer Sports and Turf Trials (Mown at 10-15mm)

Table L5

Strong creeping red fescue (*Festuca rubra rubra*)

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Rossinante	5.9	5.9	5.9	6.3	5.7	5.8	DLF/JNS
Hastings (LA)	5.8	5.9	5.9	4.4	5.2	5.6	RT/TG
Magitte	5.5	5.8	5.6	4.7	7.2	6.9	G
Sergei	5.6	5.5	5.6	5.8	5.8	6.1	BAR/DLF
Red Peak (LA)	5.6	5.5	5.6	4.7	8.3	8.6	ICL
Wendy Jean (LA)	5.6	5.5	5.6	4.6	7.8	8.1	ICL
Hightower	5.6	5.4	5.5	4.3	3.8	8.2	DSV
Mellori	5.6	5.5	5.5	4.3	7.6	7.1	DSV
Cabarette	5.5	5.4	5.5	3.4	6.4	5.2	SMFR
Carmaniole	5.6	5.4	5.5	6.5	6.8	6.1	SMFR
Heidrun	5.5	5.4	5.5	5.7	5.8	5.7	LMG
Clemens	5.2	5.5	5.3	4.6	5.6	5.5	DLF
Ryder	5.4	5.1	5.2	4.8	6.5	6.0	DSV
Polka	5.1	5.1	5.1	5.1	6.0	5.7	BAR
Bossanova	5.1	4.9	5.0	5.6	6.9	5.4	BAR
Jasperina	5.0	5.0	5.0	3.9	6.5	6.7	DSV
Litango	5.0	4.9	5.0	4.1	5.3	6.0	DSV
Camilla	4.8	5.1	5.0	5.5	7.7	6.5	DSV
Mazurka	4.9	5.0	4.9	3.2	5.9	5.7	
Dipper	4.9	4.8	4.8	4.0	6.5	5.8	DSV
Herald	4.6	4.7	4.7	4.1	6.3	5.8	DLF
Barustic	4.5	4.6	4.5	3.8	5.3	5.7	BAR
Relevant	4.6	4.5	4.5	5.8	5.5	5.8	DSV
Lambada	4.3	4.5	4.4	5.4	4.8	6.0	
Corail	4.5	4.3	4.4	4.6	5.7	6.0	LMG/DLF
Mystic	4.3	4.4	4.3	5.4	6.7	6.5	SUT/TG
Maxima 1	4.3	4.3	4.3	5.1	6.9	5.8	DLF
Livision	4.2	4.3	4.2	3.7	5.7	6.1	DSV
Boreal	3.4	3.6	3.5	4.2	4.3	4.6	Fa*
New Cultivars							
Laverda (LA)	6.3	6.2	6.2	4.6	5.4	6.2	DLF
Barrissee (LA)	6.0	6.2	6.1	6.0	5.1	5.3	BAR

* Freely available

Series L

Lawns, Landscaping, Summer Sports and Turf Trials (Mown at 10-15mm)

Table L6

Hard and Sheep's fescue (*Festuca longifolia* and *Festuca ovina*)

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Hard fescue (<i>Festuca longifolia</i>)							
Crystal	7.6	7.0	7.3	6.8	6.9	6.6	LMG
Manetto	7.4	7.1	7.2	6.3	7.0	7.0	DLF/JNS
Hardtop	6.6	6.5	6.5	6.5	7.1	5.8	BAR
Pebbles (LA)	6.0	5.9	5.9	5.2	8.1	5.5	DLF
Nordic	5.6	5.9	5.8	7.4	6.8	5.7	DLF
Dumas 1	5.7	5.7	5.7	6.2	6.7	5.7	DLF
Mentor	5.3	5.5	5.4	6.5	5.5	5.3	G
Sheep's fescue (<i>Festuca ovina</i>)							
Quatro	8.6	7.9	8.2	8.2	7.3	6.9	DLF/JNS
AberFleece	8.2	7.1	7.7	5.1	6.2	6.5	G

Table L7

Bentgrasses (*Agrostis* spp)

Cultivar	Shoot density	Fineness of leaf	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Browntop bent (<i>Agrostis capillaris</i>)								
Arrowtown	7.2	7.1	7.5	7.2	5.7	5.5	6.2	DLF/JNS
BarkKing	7.0	6.9	7.5	7.1	5.6	7.2	5.8	BAR
AberRegal	7.1	6.9	7.3	7.1	5.6	7.2	6.9	G
Manor	6.8	6.5	7.3	6.8	5.5	5.9	5.7	DLF/JNS
Egmont	6.7	6.5	7.2	6.8	6.2	6.8	6.6	RT/TG
Heriot	6.5	6.4	7.2	6.7	5.6	6.9	6.1	BAR
Jorvik	6.6	6.5	6.7	6.6	4.9	6.1	7.1	DLF
Greenspeed	6.6	6.2	6.9	6.6	5.4	6.4	5.9	RT/TG
Arletta	6.0	6.5	6.9	6.5	5.1	6.2	5.4	LMG
Troy	6.5	6.3	6.7	6.5	6.3	6.8	6.5	FF/PGW
Sefton	6.1	6.4	6.9	6.5	5.1	6.5	5.6	LMG
Denso	6.0	6.2	6.3	6.2	6.3	6.4	7.0	DLF
Lance	5.8	5.8	6.4	6.0	5.5	7.3	6.0	ATR/DLF
Tiger Nova (LA)	6.0	5.7	6.2	5.9	6.0	6.2	7.2	DLF
New Cultivars								
Cleek (LA)	7.2	6.7	7.6	7.1	6.0	4.7	6.3	DLF

Table L7 Continued

	Shoot density	Fineness of leaf	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Highland bent (<i>Agrostis castellana</i>)								
Highland	4.3	4.3	4.5	4.4	5.0	8.1	4.9	Fa*
Creeping bent (<i>Agrostis stolonifera</i>)								
Penn A-1	5.7	5.5	5.4	5.5	6.6	5.0	5.3	ICL
Velvet bent (<i>Agrostis canina</i>)								
Villa 1	8.7	8.4	7.3	8.1	4.3	6.5	7.4	DLF/JNS

*Freely available

Table L8

Tall fescue (*Festuca arundinacea*)

Cultivar	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Winter greenness	Summer greenness	UK Agent
Cannavaro	7.8	8.0	7.1	7.8	7.7	7.2	7.3	DLF/JNS
Calvada (LA)	7.7	7.4	7.4	7.4	7.5	7.4	7.3	RT/TG
Greenbrooks	7.1	6.6	7.0	7.5	7.0	7.1	7.0	RT/TG
Justice	7.2	6.8	6.6	7.2	7.0	7.2	7.0	BAR
Barcesar	7.1	7.4	6.1	6.8	6.8	5.5	5.1	BAR
Melyane	7.2	6.9	6.2	6.9	6.8	5.1	5.2	DSV
Debussy 1	6.8	6.4	6.5	6.8	6.6	7.3	7.2	DLF/JNS
Beagle 1	6.8	6.5	6.3	6.6	6.6	6.8	7.1	DLF
Barlexas II	6.2	6.3	7.5	6.0	6.5	6.7	7.0	BAR
Meandre	6.2	6.7	6.2	6.2	6.3	5.5	6.1	DSV
Masterpiece	6.1	5.9	6.9	6.4	6.3	6.6	6.8	DLF/LMG
Grande II	6.5	6.2	6.1	6.3	6.3	7.0	6.8	RT/TG
Divyna	6.4	6.2	5.9	5.9	6.1	5.1	5.0	DSV
Starlett	5.7	5.2	5.5	5.5	5.5	6.3	6.1	DLF
New Cultivars								
RGT Nuance	8.5	8.3	5.1	8.3	7.6	4.7	4.5	

Table L9

Tufted hair-grass (*Deschampsia caespitosa*)

Cultivar	Shoot density	Visual merit	Fineness of leaf	Slow regrowth	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Barcampsia	8.2	8.1	8.3	5.0	7.4	4.8	6.3	4.5	BAR
Trakaj	6.6	6.2	6.6	6.6	6.5	6.0	5.1	6.0	DSV
Barxera	6.1	5.5	6.4	6.8	6.2	6.1	3.8	4.8	BAR
Candela	6.1	6.3	6.1	6.0	6.1	4.8	6.3	6.4	DLF

Series G

Greens, Close Mown Trials (Mown at 4-7mm)

Bentgrasses (Table G1), Chewings fescue (Table G2), Slender creeping red fescue (Table G3), Perennial ryegrass (Table G4), Hard, Sheep's and Strong creeping red fescues (*Festuca* spp.) (Table G5)

Applications

Golf greens

Bowling greens

Ornamental lawns

Cultivars of bentgrass species are listed in order of their suitability for use in very close mown turf, such as golf and bowling greens in Table G1 (page 20).

For very fine turf, such as golf greens and bowling greens, the finer and denser cultivars of *A. capillaris* appear to perform best under traditional UK management and growing conditions. Higher management inputs are required to maintain creeping bentgrasses.

Velvet bentgrass (*A. canina*) produces exceptionally dense turf and generally has better drought tolerance than the other bentgrass species. However, it also produces more thatch than other bents and this would need to be controlled to maintain the very good surface, which this grass can produce.

Cultivars of Chewings fescue and slender creeping red fescue are shown in order of their suitability for use in very close mown turf (golf and bowling greens, mown at 4-7mm) in Tables G2 (page 21) and G3 (page 22). As for the bentgrasses, the order was determined from the mean of each cultivars visual merit and shoot density scores. These grasses can produce acceptable greens under restricted watering and fertility regimes that would limit the performance of some bentgrasses. Table G4 (page 23) describes the performance of perennial ryegrass cultivars that have been evaluated under close mowing (5 mm summer and 7 mm winter). These grasses should be used in situations where the need for quick establishment and wear tolerance is combined with a degree of close mowing. They should not be seen as a replacement for bentgrasses or fine fescues in golf or bowling greens.



Series G

Greens, Close Mown Trials (Mown at 4-7mm)

Table G1

Bentgrasses (*Agrostis* spp.)

Greens

Cultivar	Shoot density	Visual merit	Mean	Fineness of leaf	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Browntop bent (<i>Agrostis capillaris</i>)								
Arrowtown	7.5	7.8	7.6	7.3	6.3	4.1	6.0	DLF/JNS
Manor	7.1	7.2	7.1	6.8	5.6	5.6	5.8	DLF/JNS
BarkKing	6.6	7.2	6.9	6.6	5.8	7.2	6.0	BAR
AberRegal	6.7	7.0	6.8	6.4	6.2	7.3	6.8	G
Troy	6.8	6.8	6.8	6.3	6.6	5.5	6.5	FF/PGW
Greenspeed	6.7	6.9	6.8	6.6	6.0	5.7	5.9	RT/TG
Egmont	6.7	6.8	6.8	6.4	6.2	6.5	6.7	RT/TG
Sefton	6.6	6.9	6.8	6.8	5.0	5.3	5.2	LMG
Heriot	6.5	6.9	6.7	6.8	5.5	6.7	6.3	BAR
AberRoyal	6.6	6.8	6.7	6.6	5.9	6.9	6.6	G
Jorvik	6.6	6.7	6.6	6.5	5.2	6.3	7.5	DLF
Arletta	6.0	6.4	6.2	7.2	5.1	6.1	5.5	LMG
Polana	5.8	6.3	6.1	5.4	6.3	6.3	6.3	DLF
New Cultivars								
Cleek (LA)	7.3	7.6	7.5	7.2	-	4.2	5.7	DLF
Creeping bent (<i>Agrostis stolonifera</i>)								
Cobra nova	7.0	7.2	7.1	6.9	6.1	7.2	6.2	DLF/JNS
OO7 DSB	6.8	7.0	6.9	6.8	6.0	6.8	5.5	G
CY2	6.7	6.9	6.8	6.0	5.8	6.0	4.8	DLF
Independence 1	6.7	6.8	6.7	6.2	6.0	6.1	5.6	DLF
Mackenzie	6.7	6.7	6.7	6.6	5.2	6.4	5.6	DSV
Tyee	6.4	6.4	6.4	6.1	6.2	6.3	5.4	G
Penn A-1	6.1	6.1	6.1	6.0	6.4	6.6	5.7	ICL
Skyfall	6.2	5.8	6.0	6.2	6.3	4.4	5.0	BARNL/SR
SR 1119	5.7	5.7	5.7	5.0	7.5	6.2	5.7	G
New Cultivars								
Ignite	6.6	6.4	6.5	6.5	-	6.4	5.3	BAR
Velvet bent (<i>Agrostis canina</i>)								
Vesper	8.6	8.0	8.3	8.3	4.3	6.5	8.1	G
Villa 1	8.3	7.5	7.9	7.7	3.9	5.7	7.6	DLF/JNS
New Cultivars								
Vitagreen	8.4	7.9	8.1	8.4	-	5.9	6.9	G

- = Data not available.

Series G

Greens, Close Mown Trials (Mown at 4-7mm)

Table G2

Chewings fescue (*Festuca rubra commutata*)

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Barlineus	8.3	8.0	8.1	7.3	7.2	5.5	BAR
Ramona	7.7	7.8	7.7	7.0	6.4	6.3	DSV
Bodega	7.7	7.7	7.7	6.8	6.4	6.3	BAR
Eurocrown	7.5	7.8	7.6	7.3	6.8	6.3	DSV
Bargreen II	7.6	7.6	7.6	6.5	6.3	5.7	BAR
Nikky	7.7	7.5	7.6	5.4	7.4	7.4	LMG
Musica	7.6	7.6	7.6	6.2	6.1	6.9	BAR
Valetta (LA)	7.5	7.5	7.5	6.9	7.0	7.3	DLF
Humboldt	7.7	7.4	7.5	6.7	6.8	6.7	DLF/JNS
Greensleeves	7.6	7.4	7.5	6.7	6.3	6.2	RT/TG
Siskin (LA)	7.3	7.3	7.3	7.0	5.9	7.9	DLF/JNS
Annalena (LA)	7.5	7.1	7.3	3.8	7.7	7.9	DSV
Caldris (LA)	7.1	7.1	7.1	6.1	5.5	5.8	LMG
Esparina (LA)	7.2	7.0	7.1	6.8	6.6	8.1	DLF
Barswing	7.0	6.9	7.0	7.6	6.3	5.7	BAR
Troville	6.9	7.0	7.0	7.5	5.1	5.6	DLF
Barchip	6.9	6.9	6.9	5.9	7.5	7.7	BAR
Katarina	7.0	6.7	6.8	5.1	7.2	7.0	DSV
Wapiti (LA)	6.8	6.8	6.8	5.8	6.6	6.1	DLF
Greenmile	6.7	6.9	6.8	7.0	6.5	6.8	RT/TG
Belleaire	6.6	6.9	6.8	4.4	6.4	6.6	SUT/TG
Mission	6.6	6.6	6.6	5.5	8.3	7.9	DSV
Excellence	6.4	6.8	6.6	5.9	6.9	7.2	DSV
Calliope	6.8	6.3	6.6	4.9	5.1	5.7	TG/DLF
Dorianna	6.4	6.7	6.6	7.5	6.4	6.3	G
Wagner 1	6.6	6.5	6.6	5.8	6.6	7.6	DLF
Melitta	6.4	6.5	6.5	6.6	6.1	6.0	DSV
Blenheim	6.5	6.4	6.4	6.5	6.1	6.7	DLF/JNS
Charme	6.5	6.4	6.4	5.7	5.2	6.4	DSV
Lichampion	6.4	6.5	6.4	6.3	6.0	6.9	DSV
Brahms	6.3	6.4	6.4	5.5	7.2	5.7	RT/TG
Joanna	6.3	6.1	6.2	4.1	8.0	7.6	G
Raisa	6.5	5.8	6.2	5.4	5.6	5.4	G
Olivia	6.1	6.0	6.1	5.3	5.6	5.4	DSV
Trophy	5.8	6.3	6.1	6.6	5.0	6.1	DLF/LMG
Capriccio	6.1	5.9	6.0	6.3	4.6	6.1	DLF
Livista	5.9	5.4	5.6	6.0	5.3	6.0	DSV
New Cultivars							
EuroCarina	8.2	8.0	8.1	-	6.5	6.6	DSV
Morellino (LA)	7.2	6.8	7.0	-	4.5	4.8	DLF
Highnote (LA)	7.1	6.9	7.0	4.8	6.3	6.7	DLF
Fulmar (LA)	6.6	6.5	6.6	-	4.9	6.1	DLF

- = Data not available.

Table G3**Slender creeping red fescues (*Festuca rubra litoralis*)**

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Viktorka	8.1	8.0	8.0	8.0	6.5	7.7	BAR
Nigella	7.6	7.9	7.8	7.8	5.3	6.1	DLF/JNS
Beudin	7.7	7.7	7.7	6.9	5.6	5.1	DLF/JNS/TG
Cezanne	7.5	7.8	7.7	6.5	5.8	6.4	DLF/JNS
Aporina (LA)	7.3	7.8	7.6	6.6	5.9	5.5	LMG
Barcrown	7.6	7.3	7.5	8.3	6.2	6.7	BAR
Barpearl	7.0	7.3	7.1	8.1	6.3	6.1	BAR
Turner 1	6.9	7.3	7.1	5.3	6.3	7.0	RT/TG
Valdora	7.0	7.1	7.1	6.3	5.5	5.9	DLF
EuroMarie	7.1	7.1	7.1	4.7	6.8	6.1	DSV
Barprince	7.0	7.1	7.0	7.0	4.8	4.6	BAR
Finesto	7.0	7.0	7.0	6.1	5.1	5.2	DLF
Reggae	6.9	7.1	7.0	4.0	6.3	5.8	BAR
Tremont	7.0	6.8	6.9	5.1	5.1	5.1	G
Mirador	7.0	6.8	6.9	7.6	4.5	5.3	G
Archibal (LA)	6.8	6.9	6.8	6.3	5.1	6.3	DLF
AberCharm	6.9	6.6	6.7	5.2	7.1	8.0	G
Musette	6.7	6.7	6.7	4.6	6.6	6.1	BAR
Cathrine	6.7	6.6	6.6	5.9	7.9	8.1	DSV
Borluna	6.5	6.5	6.5	6.3	5.4	7.6	G
Carousel	6.2	6.7	6.5	5.8	5.8	5.7	LMG
Nicole	6.5	6.4	6.5	5.3	6.0	5.9	DSV
Javelin	6.1	6.4	6.3	7.4	4.9	5.9	DSV
Smirna	6.0	6.0	6.0	5.7	5.6	5.5	LMG/DLF
Libano	5.8	5.7	5.7	5.2	5.6	5.8	DSV
Samanta	5.1	5.4	5.2	5.5	5.4	5.3	DLF
New Cultivars							
Cathy	7.6	7.5	7.5	6.6	4.8	5.8	DLF
Papilio (LA)	7.2	7.4	7.3	6.9	6.1	5.6	DLF
Charlotte (LA)	7.0	7.2	7.1	6.2	5.2	6.0	DSV

Series G

Greens, Close Mown Trials (Mown at 4-7mm)

Table G4

Perennial ryegrass (*Lolium perenne*)

Cultivar	Shoot density	Visual merit	Mean	Fineness of leaf	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Clementine	7.6	7.6	7.6	6.9	6.2	5.6	5.5	DLF/JNS/TG
Barsignum	7.5	7.5	7.5	7.3	6.5	5.9	6.9	BAR
Cabrio	7.3	7.5	7.4	8.3	5.0	5.4	5.9	G/SMFR
Aiken (LA)	7.3	7.0	7.2	6.9	6.7	6.2	6.8	DLF
Monroe	6.8	7.2	7.0	7.1	5.9	6.4	6.7	DLF/JNS
Dickens 1	6.8	6.9	6.9	6.4	6.3	5.6	5.2	DLF/JNS
Bargold	6.8	7.0	6.9	7.1	5.7	6.5	6.1	BAR
Cyrena	6.5	6.6	6.5	5.7	7.0	5.5	5.3	LMG
Escapade	6.6	6.2	6.4	6.7	6.7	6.3	6.4	G/SMFR
Antonella	6.3	6.2	6.3	6.5	6.5	5.9	6.8	RT/TG
Poseidon	6.2	6.1	6.2	5.7	5.0	4.9	5.5	RT/TG
Chardin	6.1	6.2	6.2	6.5	4.9	4.1	4.9	DLF/JNS
Greenway	5.7	5.9	5.8	5.9	4.7	6.4	6.1	SUT/TG
Dylan	5.5	5.6	5.5	5.7	6.0	6.0	5.1	DLF/TG
Columbine	5.4	5.4	5.4	5.6	3.3	7.0	6.4	DLF/JNS/TG
Venice	5.3	5.2	5.3	5.5	6.0	4.7	5.3	LMG
Mercitwo	5.2	5.1	5.2	5.4	6.5	5.4	5.5	RT/TG
Greenfair	4.9	4.9	4.9	5.1	6.7	7.0	6.3	SUT/TG
New Cultivars								
Barolympic	8.2	8.4	8.3	8.0	6.9	4.2	3.6	BAR
Gianna (LA)	6.5	6.5	6.5	6.4	6.5	5.1	5.9	RT/TG

Table G5

Hard, Sheep's and Strong creeping red fescues (*Festuca ssp.*)

The performance of strong creeping red fescues, hard fescues and Sheep's fescues have been evaluated as a group for use in close mown turf (Table G5). These grasses tolerate a degree of close mowing and can form an attractive close mown turf. They could be used as an alternative to, or in combination with, Chewings and slender creeping red fescue for many fine turf uses. However, they will not match superior Chewings and slender creeping red fescue cultivars for use in high quality golf greens. Sheep's fescues tend to form noticeable growth patterns (whorls) in fine turf. This is not unattractive but can make them difficult to stripe up with a mower.

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Hard fescue (<i>Festuca longifolia</i>)							
Manetto	7.0	6.4	6.7	6.9	7.1	7.4	DLF/JNS
Hardtop	6.4	6.3	6.3	6.8	7.4	6.6	BAR
Sheep's fescue (<i>Festuca ovina</i>)							
Quatro	7.4	7.2	7.3	7.0	6.9	7.1	DLF/JNS
Strong creeping red fescue (<i>Festuca rubra rubra</i>)							
Rossinante	5.9	6.3	6.1	5.6	5.3	5.2	DLF/JNS
New Cultivars							
Barrisse (LA)	5.9	6.2	6.0	-	5.3	4.7	BAR

-- Data not available.

Series M

Miscellaneous grasses

Miscellaneous Grasses

Other Grasses (Table M1)

Table M1 lists the availability of minor turfgrass species. The performance of these grasses may differ from the more traditional amenity grass species and these differences have yet to be fully determined. They should, therefore, be treated with some caution as their growth characteristics and susceptibility to disease will differ from more commonly used grass species.

Table M1

Other Grasses

Cultivar	Wear Tolerance	Shoot density	Fineness of leaf	Visual merit	Slow regrowth	Short growth	UK Agent
Rough stalked meadow-grass (<i>Poa trivialis</i>) Note 1							
Boganis (LA)	-	5.7	8.2	5.1	7.9	-	DLF/JNS
Sabrena 1	-	5.4	8.2	5.0	8.0	-	DLF
Prostrate meadow-grass (<i>Poa supina</i>) Note 1							
Supra (LA)	7.9	6.9	4.7	5.9	5.6	-	G
Timothy (<i>Phleum bertolonii</i>) Note 1							
Piccolo	5.6	4.3	3.6	4.8	6.2	-	

- = Data not available.

Notes:

1 Comparable with smooth-stalked meadow-grass

Index

Cultivar	Species	Tables			
AberAble	Perennial ryegrass	S1 L1	Bellini 1	Perennial ryegrass	S1 L1
AberCharm	Slender creeping red fescue	L4 G3	Berlioz 1	Perennial ryegrass	S1 L1
AberFleece	Sheep's fescue	L6	Beudin	Slender creeping red fescue	L4 G3
AberRegal	Browntop bent	L7 G1	Bizet 1	Perennial ryegrass	S1 L1
AberRoyal	Browntop bent	G1	Blenheim	Chewings fescue	L3 G2
Agreement	Perennial ryegrass	S1	Bocelli	Perennial ryegrass	S1 L1
Aiken (LA)	Perennial ryegrass	G4	Bodega	Chewings fescue	L3 G2
Alanis (LA)	Perennial ryegrass	S1 L1	Boganis (LA)	Rough stalked meadow-grass	M1
Alboka	Perennial ryegrass	S1 L1	Bogart (LA)	Chewings fescue	L3
Alison	Perennial ryegrass	S1 L1	Boreal	Strong creeping red fescue	L5
Alyssa (LA)	Perennial ryegrass	S1 L1	Borluna	Slender creeping red fescue	L4 G3
Amarone	Slender creeping red fescue	L4	Bossanova	Strong creeping red fescue	L5
Angelina (LA)	Perennial ryegrass	S1 L1	Brahms	Chewings fescue	L3 G2
Annalena (LA)	Chewings fescue	L3 G2	Broadway	Smooth-stalked meadow-grass	S2 L2
Anncy (LA)	Perennial ryegrass	S1 L1	Cabarette	Strong creeping red fescue	L5
Antonella	Perennial ryegrass	S1 L1 G4	Cabrio	Perennial ryegrass	L1 G4
Aporina (LA)	Slender creeping red fescue	L4 G3	Cachemire	Perennial ryegrass	L1
Aramintha (LA)	Smooth-stalked meadow-grass	S2 L2	Cadix	Perennial ryegrass	S1 L1
Archibal (LA)	Slender creeping red fescue	L4 G3	Caldris (LA)	Chewings fescue	L3 G2
Arende (LA)	Smooth-stalked meadow-grass	L2	Calico	Perennial ryegrass	S1 L1
Arietta	Browntop bent	L7 G1	Calliope	Chewings fescue	L3 G2
Arrowtown	Browntop bent	L7 G1	Calvada (LA)	Tall fescue	L8
Barcampsia	Tufted hair-grass	S4 L9	Camilla	Strong creeping red fescue	L5
Barcesar	Tall fescue	S3 L8	Candela	Tufted hair-grass	L9
Barchip	Chewings fescue	L3 G2	Candice (LA)	Perennial ryegrass	S1 L1
Barcristalla	Perennial ryegrass	S1 L1	Cannavaro	Tall fescue	L8
Barcrown	Slender creeping red fescue	L4 G3	Capri	Perennial ryegrass	S1 L1
Bardorado	Perennial ryegrass	S1	Capriccio	Chewings fescue	L3 G2
Bareuro	Perennial ryegrass	S1 L1	Carmania	Slender creeping red fescue	L4
Bargold	Perennial ryegrass	S1 L1 G4	Carmaniole	Strong creeping red fescue	L5
Bargreen	Chewings fescue	L3	Carnac	Perennial ryegrass	S1 L1
Bargreen II	Chewings fescue	L3 G2	Carousel	Slender creeping red fescue	L4 G3
Barhelene	Smooth-stalked meadow-grass	S2 L2	Cassiopia	Perennial ryegrass	S1 L1
Barillion	Perennial ryegrass	S1	Cathrine	Slender creeping red fescue	L4 G3
Bariris	Smooth-stalked meadow-grass	S2 L2	Cathy	Slender creeping red fescue	L4 G3
BarKing	Browntop bent	L7 G1	Ceretec Centurion	Perennial ryegrass	S1 L1
Barlennium	Perennial ryegrass	S1 L1	Cezanne	Slender creeping red fescue	L4 G3
Barlexas II	Tall fescue	S3 L8	Chardin	Perennial ryegrass	S1 L1 G4
Barlicum	Perennial ryegrass	S1 L1	Charlotte (LA)	Slender creeping red fescue	L4 G3
Barlineus	Chewings fescue	L3 G2	Charme	Chewings fescue	G2
Barmalia	Slender creeping red fescue	L4	Claudine	Perennial ryegrass	S1 L1
Barminton	Perennial ryegrass	L1	Cleek (LA)	Browntop bent	L7 G1
Barolympic	Perennial ryegrass	S1 L1 G4	Clemens	Strong creeping red fescue	L5
Barorlando	Perennial ryegrass	S1 L1	Clementine	Perennial ryegrass	S1 L1 G4
Barpearl	Slender creeping red fescue	L4 G3	Cleopatra	Perennial ryegrass	S1 L1
Barprince	Slender creeping red fescue	L4 G3	Cobra nova	Creeping bent	G1
Barrisse (LA)	Strong creeping red fescue	L5 G5	Cocktail	Smooth-stalked meadow-grass	S2 L2
Barsignum	Perennial ryegrass	S1 L1 G4	Columbine	Perennial ryegrass	S1 L1 G4
Barswing	Chewings fescue	L3 G2	Concerto	Perennial ryegrass	S1 L1
Bartwingo	Perennial ryegrass	L1	Conni	Smooth-stalked meadow-grass	S2 L2
Barustic	Strong creeping red fescue	L5	Conrad 1	Perennial ryegrass	S1 L1
Barxera	Tufted hair-grass	S4 L9	Corail	Strong creeping red fescue	L5
Beagle 1	Tall fescue	L8	Corrida	Slender creeping red fescue	L4
Beckham	Perennial ryegrass	S1 L1	Crystal	Hard Fescue	L6
Belleaire	Chewings fescue	L3 G2	CY2	Creeping bent	G1
Bellevue	Perennial ryegrass	L1	Cyrena	Perennial ryegrass	S1 L1 G4
			Debussy 1	Tall fescue	S3 L8

Denso	Browntop bent	L7	Jasperina	Strong creeping red fescue	L5
Desanto (LA)	Tufted hair-grass	S4	Javelin	Slender creeping red fescue	G3
Deshade (LA)	Tufted hair-grass	S4	Joanna	Chewings fescue	L3 G2
Dickens 1	Perennial ryegrass	S1 L1 G4	Joker	Smooth-stalked meadow-grass	S2 L2
Dipper	Strong creeping red fescue	L5	Jorvik	Browntop bent	L7 G1
Divyna	Tall fescue	L8	Jubilee EG	Perennial ryegrass	S1 L1
Dorianna	Chewings fescue	L3 G2	Julia	Smooth-stalked meadow-grass	S2 L2
Double	Perennial ryegrass	S1s	Julius	Smooth-stalked meadow-grass	S2 L2
Dumas 1	Hard Fescue	L6	Justice	Tall fescue	S3 L8
Duparc	Perennial ryegrass	S1 L1	Kalmia (LA)	Perennial ryegrass	S1 L1
Dylan	Perennial ryegrass	L1 G4	Katarina	Chewings fescue	L3 G2
EG Resistus	Perennial ryegrass	S1 L1	Kokomo	Perennial ryegrass	S1 L1
Egmont	Browntop bent	L7 G1	Lambada	Strong creeping red fescue	L5
Enigma	Smooth-stalked meadow-grass	S2	Lance	Browntop bent	L7
Escapade	Perennial ryegrass	S1 L1 G4	Laverda (LA)	Strong creeping red fescue	L5
Esparina (LA)	Chewings fescue	L3 G2	Libano	Slender creeping red fescue	L4 G3
Esquire	Perennial ryegrass	S1 L1	Libero	Perennial ryegrass	S1 L1
Essence	Perennial ryegrass	S1 L1	Libricono	Perennial ryegrass	L1
Estelle (LA)	Perennial ryegrass	S1 L1	Lichampion	Chewings fescue	L3 G2
Eterlou	Perennial ryegrass	L1	Lifrance	Perennial ryegrass	S1 L1
Eugenius	Perennial ryegrass	S1 L1	Ligala	Perennial ryegrass	S1 L1
EuroCarina	Chewings fescue	L3 G2	Limonica	Perennial ryegrass	S1 L1
EuroCordus	Perennial ryegrass	S1 L1	Limousine	Smooth-stalked meadow-grass	S2 L2
Eurocrown	Chewings fescue	L3 G2	Linares	Smooth-stalked meadow-grass	S2 L2
Eurodiamond	Perennial ryegrass	S1 L1	Lincolnshire	Smooth-stalked meadow-grass	S2 L2
EuroMarie	Slender creeping red fescue	L4 G3	Liromeo	Perennial ryegrass	S1 L1
Europitch (LA)	Perennial ryegrass	S1 L1	Litango	Strong creeping red fescue	L5
Eurosport	Perennial ryegrass	S1 L1	Livision	Strong creeping red fescue	L5
Eventus	Perennial ryegrass	S1 L1	Livista	Chewings fescue	L3 G2
Evora	Smooth-stalked meadow-grass	S2 L2	Lourega	Perennial ryegrass	S1
Excellence	Chewings fescue	L3 G2	Mackenzie	Creeping bent	G1
Fabian	Perennial ryegrass	S1s	Madrid	Perennial ryegrass	S1 L1
Fancy	Perennial ryegrass	S1	Maqitte	Strong creeping red fescue	L5
Fandango	Perennial ryegrass	S1 L1	Malibu	Perennial ryegrass	L1
Finesto	Slender creeping red fescue	L4 G3	Manetto	Hard Fescue	L6 G5
Flamenco	Perennial ryegrass	S1 L1	Manor	Browntop bent	L7 G1
Forever	Perennial ryegrass	L1	Marcellina (LA)	Perennial ryegrass	S1 L1
Francesca (LA)	Perennial ryegrass	L1	Margarita	Perennial ryegrass	L1
Frontliner	Perennial ryegrass	L1	Maritza	Chewings fescue	L3
Fulmar (LA)	Chewings fescue	L3 G2	Markus	Smooth-stalked meadow-grass	L2
Galleon	Perennial ryegrass	S1	Masterpiece	Tall fescue	L8
Gianna (LA)	Perennial ryegrass	S1 L1 G4	Maxima 1	Strong creeping red fescue	L5
Grande II	Tall fescue	S3 L8	Mazurka	Strong creeping red fescue	L5
Greenbrooks	Tall fescue	S3 L8	Meandre	Tall fescue	L8
Greenfair	Perennial ryegrass	S1 L1 G4	Melanitta (LA)	Perennial ryegrass	S1 L1
Greenglide	Perennial ryegrass	S1 L1	Melbourne	Perennial ryegrass	S1 L1
Greenmile	Chewings fescue	L3 G2	Melitta	Chewings fescue	L3 G2
Greenplay	Smooth-stalked meadow-grass	S2 L2	Mellori	Strong creeping red fescue	L5
Greensky	Perennial ryegrass	S1 L1	Melyane	Tall fescue	S3 L8
Greensleeves	Chewings fescue	L3 G2	Mentor	Hard Fescue	L6
Greenspeed	Browntop bent	L7 G1	Menuet (LA)	Perennial ryegrass	L1
Greenway	Perennial ryegrass	S1 L1 G4	Mercitwo	Perennial ryegrass	S1 L1 G4
Groundforce	Perennial ryegrass	L1	Mezzoforte	Slender creeping red fescue	L4
Hardtop	Hard Fescue	L6 G5	Miracle	Smooth-stalked meadow-grass	S2 L2
Harmonie	Smooth-stalked meadow-grass	S2 L2	Mirador	Slender creeping red fescue	L4 G3
Hastings (LA)	Strong creeping red fescue	L5	Mission	Chewings fescue	L3 G2
Hayley (LA)	Perennial ryegrass	S1 L1	Mistral	Perennial ryegrass	S1
Heidrun	Strong creeping red fescue	L5	Monroe	Perennial ryegrass	S1 L1 G4
Helena	Slender creeping red fescue	L4	Montacilla (LA)	Perennial ryegrass	S1 L1
Herald	Strong creeping red fescue	L5	Morellino (LA)	Chewings fescue	L3 G2
Heriot	Browntop bent	L7 G1	Mozart 1	Smooth-stalked meadow-grass	S2 L2
Highland	Highland bent	L7	Musette	Slender creeping red fescue	L4 G3
Highnote (LA)	Chewings fescue	L3 G2	Musica	Chewings fescue	L3 G2
Hightower	Strong creeping red fescue	L5	Mystic	Strong creeping red fescue	L5
Himalaya	Perennial ryegrass	S1 L1	Nagano	Perennial ryegrass	S1 L1
Hugo 1	Perennial ryegrass	S1	Nerine (LA)	Perennial ryegrass	S1 L1
Humboldt	Chewings fescue	L3 G2	Neruda 1	Perennial ryegrass	S1 L1
Ignite	Creeping bent	G1	Nicole	Slender creeping red fescue	G3
Independence 1	Creeping bent	G1	Nigella	Slender creeping red fescue	L4 G3

Nikky	Chewings fescue	L3 G2	Skyfall	Creeping bent	G1
Nordic	Hard Fescue	L6	Smirna	Slender creeping red fescue	L4 G3
Olivia	Chewings fescue	L3 G2	Sombrero	Smooth-stalked meadow-grass	S2 L2
OO7 DSB	Creeping bent	G1	SR 1119	Creeping bent	G1
Panduro	Smooth-stalked meadow-grass	S2 L2	Starlett	Tall fescue	L8
Papilio (LA)	Slender creeping red fescue	L4 G3	Stolawn	Perennial ryegrass	S1 L1
Parsifal	Smooth-stalked meadow-grass	S2	Stravinsky	Perennial ryegrass	S1 L1
Pascal	Perennial ryegrass	S1 L1	Supra (LA)	Prostrate meadow-grass	M1
Passion	Perennial ryegrass	L1	Taya	Perennial ryegrass	L1
Pebbles (LA)	Hard Fescue	L6	Tetragreen	Perennial ryegrass	S1s
Penelope (LA)	Perennial ryegrass	S1 L1	Tetrasport (LA)	Perennial ryegrass	S1s
Penn A-1	Creeping bent	L7 G1	Tetris	Smooth-stalked meadow-grass	S2 L2
Piccolo	Timothy	M1	Tiger Nova (LA)	Browntop bent	L7
Pinafore	Slender creeping red fescue	L4	Torsion (LA)	Perennial ryegrass	L1
Platinum	Perennial ryegrass	S1 L1	Touche	Smooth-stalked meadow-grass	S2 L2
Polana	Browntop bent	G1	Traction (LA)	Smooth-stalked meadow-grass	S2
Polka	Strong creeping red fescue	L5	Traffic	Perennial ryegrass	S1 L1
Ponderosa	Perennial ryegrass	S1 L1	Trakaj	Tufted hair-grass	S4 L9
Pontiac	Perennial ryegrass	L1	Transate	Perennial ryegrass	S1 L1
Poseidon	Perennial ryegrass	S1 L1 G4	Tremont	Slender creeping red fescue	L4 G3
PowerPlay (LA)	Smooth-stalked meadow-grass	S2 L2	Trophy	Chewings fescue	L3 G2
Promotor	Perennial ryegrass	S1 L1	Troville	Chewings fescue	G2
Quatro	Sheep's fescue	L6 G5	Troy	Browntop bent	L7 G1
Ragtime	Perennial ryegrass	S1 L1	Turfgold	Perennial ryegrass	S1 L1
Raisa	Chewings fescue	L3 G2	Turner 1	Slender creeping red fescue	L4 G3
Ramona	Chewings fescue	L3 G2	Tyee	Creeping bent	G1
Raymond	Chewings fescue	L3	Valdora	Slender creeping red fescue	L4 G3
Recital (LA)	Perennial ryegrass	S1 L1	Valetta (LA)	Chewings fescue	L3 G2
Red Peak (LA)	Strong creeping red fescue	L5	Venice	Perennial ryegrass	L1 G4
Reggae	Slender creeping red fescue	L4 G3	Verdi	Perennial ryegrass	S1 L1
Relevant	Strong creeping red fescue	L5	Vermillion	Perennial ryegrass	S1 L1
Restore (LA)	Perennial ryegrass	L1	Vesper	Velvet bent	G1
RGT Klaxon	Perennial ryegrass	S1 L1	Vesuvius	Perennial ryegrass	S1 L1
RGT Nuance	Tall fescue	S3 L8	Viktorka	Slender creeping red fescue	L4 G3
Rossinante	Strong creeping red fescue	L5 G5	Villa 1	Velvet bent	L7 G1
Ryder	Strong creeping red fescue	L5	Vitagreen	Velvet bent	G1
Sabrena 1	Rough stalked meadow-grass	M1	Vitellius	Perennial ryegrass	S1 L1
Sakura (LA)	Perennial ryegrass	L1	Vivien (LA)	Slender creeping red fescue	L4
Samanta	Slender creeping red fescue	L4 G3	Vulcanus	Perennial ryegrass	L1
Scorpiones	Tall fescue	S3	Wagner 1	Chewings fescue	L3 G2
Sefton	Browntop bent	L7 G1	Wapiti (LA)	Chewings fescue	L3 G2
Sergei	Strong creeping red fescue	L5	Wendy Jean (LA)	Strong creeping red fescue	L5
Shania (LA)	Perennial ryegrass	S1 L1	Yvette	Smooth-stalked meadow-grass	S2 L2
Shorty	Perennial ryegrass	S1 L1	Zenia (LA)	Perennial ryegrass	S1 L1
Sirtaky	Perennial ryegrass	S1 L1	Zeptor	Smooth-stalked meadow-grass	S2 L2
Siskin (LA)	Chewings fescue	L3 G2			

UK Agents

The seed merchants listed below are primary agents for grasses listed in this booklet. Short codes have been given so that the grasses listed in the different tables can be cross-referenced with their suppliers.

BAR Barenbrug UK Ltd.

33 Perkins Road, Rougham Industrial Estate, Bury St. Edmunds, Suffolk IP30 9ND
Tel 01359 272000, Fax 01359 272001
E-mail info@baruk.co.uk www.barenbrug.co.uk

G Germinal GB Ltd

Camp Road, Witham St. Hughes
Lincoln LN6 9QJ
Tel 01522 868714 Fax 01522 868382
E-mail lincoln@germinal.com
www.germinal.com

SMFR Semences de France

62 rue Léon Beauchamp
59930 La Chapelle d'Armentières, France.
Tel : +33 3204 84141, Fax : +33 3204 84162
E-mail: contact@semences-de-france.fr
www.semencesdefrance.com

DLF/JNS DLF/Johnsons Sports Seed

Thorn Farm, Inkberrow
Worcestershire WR7 4LJ
Tel 01386 793135 Fax 01386 792715
E-mail amenity@dlf.co.uk
www.dlf.co.uk

DSV Deutsche Saatveredelung AG

Weissenburger Strasse 5
D-59557 Lippstadt
Germany
Tel +49 2941 296 307 Fax +49 2941 296 100
E-mail info@dsv-seeds.com
UK Contact No. 01366 388223

Names and addresses of other breeders and suppliers, with only a restricted number of varieties in the booklet, are available from the BSPB.

ICL ICL/Everris

P.O.Box 40-4190 CA Geldermalsen
Koeweistraat 4- 4181 CD Waardenburg
The Netherlands
Tel: 00 31 418 655700
Email: simon.taylor@icl-group.com
www.icl-sf.com

LMG Limagrain UK Ltd

Rothwell, Market Rasen, Lincolnshire LN7 6DT
Tel 01472 371471, Fax 01472 371386
E-mail amenity@limagrain.co.uk
www.limagrain.co.uk/amenity

RT Rigby Taylor Ltd.

1-3 Freeman Court, Jarman Way,
Royston, Herts SG8 5HW
Tel 01204 677777 Fax 01204 677715

SUT Suttons Consumer Products Ltd.

Woodview Road, Paignton
Devon TQ4 7NG
Tel 01803 696300
E-mail retail@suttons.co.uk

TG Top Green

ZA Les Pains, 49320 Les Alleuds, France
Tel 0033 241 689900
Fax 0033 241 689901
info@tgsas.fr

Contact Details

British Society of Plant Breeders Limited (BSPB)

BSPB House
114 Lancaster Way Business Park
Ely, Cambridgeshire
CB6 3NX

Tel 01353 653200
Fax 01353 661156
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www.bspb.co.uk



STRI Group

Bingley, West Yorkshire
BD16 1AU

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www.strigroup.com



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