

# Turfgrasses Seed 2016

The buyers guide to  
quality amenity turfgrasses





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## Contents

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2	Introduction
2	The BSPB Amenity Committee and the Turfgrass Seed Trials
3	Guide to using Turfgrass Seed 2016
4	Assessment of Characters
5	Series S – Sports Uses
10	Series L – Lawns, Landscaping, Summer Sports and Turf Trials
19	Series G – Greens, Close Mown Trials
24	Series M – Miscellaneous Grasses
25	Index
28	UK Agents

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# The BSPB Amenity Committee and the Turfgrass Seed Trials

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## 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.

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## Guide to using Turfgrass Seed 2016

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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:

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

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Seed of all cultivars named should be available in the UK in 2016 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 2016 is from trials conducted at the STRI. As with any trial of living material, the performance of the cultivars may vary in commercial management.

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## Assessment of characters

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### **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 and colour.

### **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.

### **CLEANNESS 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.

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## 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)

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#### Applications

Winter sports pitches

Football and Rugby pitches

Municipal sports areas

Other intensively used areas

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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	Cleaness of cut	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Eurodiamond	8.3	8.1	8.2	7.5	8.1	6.7	-	3.4	5.3	5.4	DLF/JNS
EuroCordus	8.2	8.0	8.1	7.5	8.1	7.0	-	-	5.4	5.4	DSV
Columbine	8.0	7.9	8.0	7.8	7.4	6.6	4.0	5.5	5.8	5.9	DLF/JNS/TG
Eurosport	8.0	8.0	8.0	7.9	7.9	7.2	-	-	5.7	5.7	DSV
Monroe	7.9	8.0	8.0	7.7	8.0	8.4	5.2	6.3	6.0	6.2	DLF/JNS
Barcristalla	8.0	7.9	7.9	6.9	7.7	7.3	6.9	5.6	6.1	7.3	BAR
Barorlando	7.9	7.8	7.8	6.9	7.9	7.0	7.3	5.9	5.6	7.3	BAR
Eugenius	7.7	7.7	7.7	6.9	7.8	7.1	6.8	4.5	5.1	5.2	G
Madrid	7.6	7.5	7.5	7.5	7.4	6.6	-	6.0	5.4	6.1	LMG
Chardin	7.4	7.6	7.5	6.7	7.5	8.1	7.8	6.0	5.1	5.2	DLF/JNS
Cyrena	7.5	7.5	7.5	7.4	7.5	6.6	6.8	6.3	5.1	6.0	LMG
Poseidon	7.7	7.3	7.5	7.2	7.3	6.3	4.2	5.6	5.1	5.3	RT/TG
Barlicum (LA)	7.3	7.7	7.5	6.5	7.5	7.7	-	3.2	5.5	5.3	BAR
Calico	7.4	7.6	7.5	7.8	7.3	7.1	-	-	5.4	6.4	G/CARN
Shorty	7.4	7.4	7.4	6.7	6.9	6.9	4.2	4.3	5.4	5.1	DSV
Berlioz 1	7.4	7.4	7.4	6.9	7.4	6.2	-	5.4	5.6	5.4	DLF/JNS/TG
Duparc	7.3	7.5	7.4	7.3	7.0	7.0	6.2	7.3	5.1	5.3	RT/TG
Barolympic	7.3	7.4	7.4	7.2	7.5	7.4	-	-	4.2	5.0	BAR
Cadix	7.1	7.6	7.3	7.7	7.1	7.3	6.0	5.4	5.9	5.9	G/CARN
Promotor	7.4	7.3	7.3	7.4	7.2	6.4	4.7	5.0	5.1	5.9	G
EG Resistus (LA)	7.3	7.4	7.3	6.9	7.4	7.7	-	5.6	5.7	5.8	DSV
Carnac	7.1	7.5	7.3	7.6	7.0	6.8	6.3	6.5	5.9	5.8	G/CARN
Eventus	7.2	7.4	7.3	7.5	7.8	8.1	-	5.6	5.3	5.8	DSV
Melbourne	7.2	7.3	7.3	6.7	7.5	7.2	-	6.7	5.3	5.5	LMG
Alison	7.3	7.3	7.3	7.1	7.7	8.1	-	-	5.5	5.8	LMG
Beckham	7.3	7.2	7.3	6.9	6.9	6.5	-	-	5.3	5.0	DSV
Bizet 1	7.2	7.3	7.3	7.7	6.0	5.9	5.8	6.9	5.9	6.3	DLF/JNS
Vesuvius	7.1	7.4	7.3	7.2	7.2	6.5	-	5.9	4.9	5.5	G
Nagano	7.2	7.3	7.2	7.5	6.8	6.4	7.1	5.3	5.2	5.2	LMG
Gianna (LA)	7.1	7.3	7.2	7.5	7.3	7.0	-	5.6	5.0	5.5	TG
Bareuro	7.2	7.2	7.2	7.8	6.9	6.7	7.1	5.2	5.1	5.7	BAR
Ligala	7.1	7.3	7.2	7.8	6.9	7.5	5.4	5.7	5.4	5.7	DSV/DLF
Melanitta (LA)	7.2	7.2	7.2	7.1	7.0	6.4	-	5.6	5.1	5.8	DLF
Vitellius	7.2	7.2	7.2	7.2	6.8	6.1	-	6.2	5.8	6.2	G
Claudine	7.2	7.2	7.2	6.5	7.4	7.1	-	-	5.4	6.2	DLF
Nerine (LA)	7.1	7.2	7.2	7.0	7.5	7.1	-	4.4	5.0	6.1	DLF
Enesco (LA)	7.2	7.1	7.2	6.6	7.4	7.6	4.7	5.9	6.0	5.8	DLF
Himalaya	7.2	7.1	7.1	7.5	7.1	6.5	-	4.1	5.5	5.9	DLF/LMG
Marcellina (LA)	7.0	7.1	7.1	6.9	7.0	6.4	-	-	4.8	5.7	DLF
Cleopatra	7.1	6.9	7.0	7.3	6.7	6.1	-	6.6	4.8	5.4	DLF
Hayley (LA)	7.0	7.1	7.0	6.9	7.0	6.9	-	-	5.6	6.1	RT/TG
Romance	6.9	7.0	7.0	6.8	7.0	6.3	5.2	5.6	6.1	5.5	BAR
Vermillion (LA)	6.9	7.0	7.0	6.0	6.8	6.7	5.4	5.3	6.0	5.3	ICL
Aiken (LA)	6.9	7.0	6.9	6.7	7.0	7.7	5.4	6.6	5.3	5.8	DLF
Dickens 1	6.8	7.0	6.9	6.8	8.0	7.4	-	5.8	5.0	5.4	DLF/JNS
Barillion	7.0	6.9	6.9	6.5	7.2	6.0	6.2	6.1	5.6	6.3	BAR
Greenfair	6.8	7.0	6.9	6.5	6.5	6.5	6.2	6.0	5.7	6.1	SUT/TG
Shania (LA)	6.8	6.9	6.9	6.9	7.3	7.3	-	-	5.8	5.9	DLF
Bellini 1	6.8	6.8	6.8	6.1	6.4	6.0	-	5.1	5.5	5.6	DLF
Hugo 1	6.7	6.9	6.8	6.8	5.0	5.3	6.5	5.3	5.5	5.7	DLF/TG



Table S1 Continued

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Finess of leaf	Cleaness of cut	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Barsignum	6.8	6.8	6.8	6.1	7.4	8.0	4.5	5.3	5.2	6.3	BAR
Clementine	6.7	6.8	6.7	6.9	7.1	7.6	7.6	5.9	5.5	5.7	DLF/JNS/TG
Mercitwo	6.7	6.7	6.7	6.7	6.2	7.0	7.1	5.6	5.1	5.1	RT/TG
Greensky	6.7	6.7	6.7	6.7	6.7	6.3	-	5.8	5.3	5.2	RT/TG
Mascot (LA)	6.6	6.7	6.6	5.7	6.9	7.0	5.7	6.1	4.9	5.2	DLF
Greenway	6.6	6.7	6.6	6.4	6.7	7.4	5.6	6.4	6.3	6.0	SUT/TG
Alboka (LA)	6.6	6.7	6.6	6.5	7.3	6.9	6.8	7.6	6.6	6.7	BAR
Bocelli	6.7	6.6	6.6	6.4	7.2	6.6	6.4	5.6	5.0	6.2	LMG
Ragtime (LA)	6.5	6.7	6.6	6.3	5.9	5.8	6.5	6.3	5.9	6.2	BAR
Concerto (LA)	6.4	6.6	6.5	7.1	6.0	5.2	6.5	6.0	6.1	5.9	BAR
Bargold	6.3	6.7	6.5	6.8	7.2	8.1	7.0	6.3	5.6	5.6	BAR
Essence	6.7	6.3	6.5	5.5	6.9	6.5	6.2	4.7	6.2	5.4	DLF
Alanis (LA)	6.4	6.6	6.5	6.5	6.6	6.3	-	-	5.8	6.0	DLF
Conrad 1	6.4	6.6	6.5	6.6	6.7	6.4	5.4	6.6	6.9	5.6	DLF
Margarita	6.2	6.8	6.5	6.5	6.7	6.8	5.3	5.6	6.2	5.9	DLF
Barlennium	6.6	6.4	6.5	5.5	6.2	5.4	6.4	6.4	7.7	7.8	BAR
Lourega	6.6	6.4	6.5	5.9	6.3	5.1	-	6.9	6.4	6.8	DSV
Ceretec Centurion	6.5	6.4	6.4	5.6	6.3	5.8	6.6	5.0	7.3	7.1	PGW
Verdi	6.7	6.2	6.4	6.0	5.5	5.3	5.7	6.1	6.6	7.1	BAR
Bardorado	6.6	6.3	6.4	5.8	6.3	5.2	6.6	6.5	5.1	5.2	BAR
Zenia (LA)	6.3	6.5	6.4	6.2	6.7	6.7	-	-	5.0	5.6	DLF
Fandango	6.4	6.4	6.4	6.5	6.3	5.8	-	5.9	6.0	6.1	BAR
Greenglide	6.5	6.3	6.4	6.1	6.1	5.8	-	5.0	5.3	5.1	DLF
Transate	6.4	6.3	6.4	5.6	6.3	6.0	-	7.0	5.7	6.2	DSV
Ponderosa	6.5	6.1	6.3	5.9	6.4	5.6	5.7	5.4	6.6	5.9	LMG
Flamenco	6.4	6.2	6.3	5.8	6.4	6.5	-	5.3	5.8	6.0	BAR
Stolawn	6.1	6.5	6.3	5.6	6.2	6.1	5.9	6.3	6.0	6.3	RT/TG
Kalmia (LA)	6.3	6.2	6.2	6.0	6.5	6.5	4.7	5.3	5.1	5.5	DLF
Platinum	6.5	5.9	6.2	5.7	5.4	4.9	6.3	5.7	7.3	6.4	DLF
Cassiopeia	6.2	6.1	6.2	6.0	6.6	6.8	-	5.5	5.6	6.0	DLF
Antonella	6.3	6.0	6.2	6.3	6.3	6.8	-	-	5.7	6.4	RT/TG
Mistral	6.0	6.3	6.1	5.2	5.7	5.6	-	6.9	8.1	8.1	ICL
Escapade	6.0	6.2	6.1	7.0	6.3	8.4	4.2	4.4	6.1	6.0	G/CARN
Doremi	5.9	6.3	6.1	6.0	6.4	5.7	7.1	7.0	5.1	6.4	LMG
Alyssa	6.0	6.1	6.1	6.3	6.8	7.2	-	5.6	5.4	5.5	DLF
Jubilee EG	6.1	6.0	6.1	6.0	5.9	5.5	6.9	5.3	6.0	6.4	DSV
Stravinsky	6.3	5.8	6.0	5.5	5.7	4.8	5.5	6.6	8.3	8.1	DLF
Agreement	6.0	6.1	6.0	5.4	6.4	5.6	-	5.6	6.2	6.2	G
Pascal	6.0	6.0	6.0	5.6	6.4	5.4	-	5.6	6.0	6.4	DSV
Sirtaky	6.0	5.9	6.0	6.3	6.5	6.5	-	6.2	5.8	5.5	BAR
Traffic	6.0	6.0	6.0	6.6	5.9	7.1	5.9	5.3	5.3	6.0	DSV
Liromeo	5.8	6.0	5.9	6.1	6.0	5.9	-	7.2	6.3	6.7	DSV
Barrocky	5.8	6.0	5.9	6.2	6.6	6.7	-	5.0	4.7	5.0	BAR
Liberio	5.9	5.8	5.9	5.6	6.5	6.8	-	5.6	6.1	6.6	DLF/JNS
Cachemire	5.7	6.0	5.8	6.6	5.8	7.1	5.2	5.0	5.6	5.6	CARN
Esquire	6.0	5.6	5.8	5.3	5.4	4.9	5.7	6.1	6.8	7.0	DLF
Limonica	5.9	5.7	5.8	5.5	5.4	5.1	-	6.4	7.4	7.5	DSV
Fancy	5.9	5.6	5.7	4.6	5.2	5.4	5.8	6.0	6.5	5.7	FF
Disco	5.7	5.8	5.7	5.2	5.2	5.5	5.8	5.7	6.2	5.0	LMG
Lifrance	5.7	5.7	5.7	5.9	5.0	5.9	6.0	7.1	6.3	6.1	DSV
Turfgold	5.7	5.7	5.7	6.0	5.5	5.3	-	6.3	6.8	6.9	DSV
Neruda 1	5.9	5.3	5.6	5.2	4.8	5.1	5.9	6.8	8.5	8.0	DLF/TG
Kokomo	5.5	5.6	5.6	5.0	4.9	4.9	-	6.9	8.5	8.2	DLF/LMG
Recital (LA)	5.5	5.6	5.5	5.2	6.5	6.6	6.5	7.1	6.2	6.9	BAR
Capri	5.7	5.3	5.5	5.2	4.9	4.9	5.3	6.4	6.3	5.3	DLF

- = 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	Cleanliness of cut	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Fabian	6.7	6.4	6.5	6.7	5.7	5.4	0.0	6.3	6.4	6.8	DLF/JNS/TG
Double	5.4	4.9	5.2	4.5	4.5	3.5	5.9	7.9	7.5	7.4	DLF/JNS
Tetragreen	4.9	4.6	4.8	4.2	5.1	4.7	5.7	7.2	7.3	7.6	RT/TG

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	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	G
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

Monarch	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 S3****Tall 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	BAR
Masterpiece	7.2	7.2	7.2	7.2	6.8	5.8	6.6	6.6	DLF/LMG
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
Barseille (LA)	6.7	6.6	6.6	6.0	6.6	6.6	6.1	6.2	BAR
Scorpiones	6.6	6.3	6.5	6.2	6.4	6.1	6.0	6.4	RT/TG
Beagle 1	6.3	6.2	6.3	5.6	6.3	6.3	6.7	6.9	DLF
Barlexas II	5.9	6.0	6.0	5.7	5.9	6.2	6.7	6.9	BAR
Cannavaro	5.6	5.8	5.7	4.8	6.6	7.5	6.8	6.9	DLF/JNS

**Table S4****Tufted hair-grass (*Deschampsia caespitosa*)**

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Cleanliness of cut	Winter greenness	Summer greenness	UK Agent
Trakaj	7.4	7.4	7.4	6.5	7.4	6.6	6.6	6.1	6.7	DSV
Barxera	7.0	7.1	7.1	7.5	6.6	6.9	6.0	5.8	5.9	BAR
Barcampsia	6.4	6.5	6.5	6.1	6.8	7.0	4.7	6.2	5.0	BAR



## 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	Cleaness of cut	Winter greenness	Summer greenness	UK Agent
Barolympic	8.4	8.5	7.3	8.2	8.1	5.8	7.7	4.6	5.4	BAR
Clementine	8.6	8.1	7.3	8.2	8.0	6.5	8.6	5.2	5.8	DLF/JNS/TG
Barsignum	7.8	8.2	7.6	8.2	7.9	5.3	6.9	5.8	6.6	BAR
Escapade	7.8	8.4	6.8	7.8	7.7	6.5	6.5	6.1	5.9	G/CARN
Monroe	7.9	8.1	6.3	8.0	7.6	6.0	7.6	6.1	6.2	DLF/JNS
Chardin	7.6	8.1	6.5	8.0	7.6	7.9	7.9	4.9	5.6	DLF/JNS
Claudine	7.6	7.5	7.3	7.5	7.5	4.9	6.5	5.4	5.9	DLF
Bargold	7.5	8.2	6.7	7.6	7.5	6.7	6.9	5.5	5.9	BAR
Aiken (LA)	7.9	7.5	6.5	7.9	7.4	5.6	7.4	5.7	6.5	DLF
Dickens 1	7.8	7.6	6.3	8.0	7.4	6.4	5.6	5.7	5.6	DLF/JNS
Francesca (LA)	7.3	7.5	7.6	7.1	7.4	5.6	6.6	5.3	6.0	DLF
Antonella	7.6	7.7	6.4	7.7	7.4	6.0	6.9	5.6	6.1	RT/TG
Shorty	7.4	7.2	7.1	7.4	7.3	6.1	6.4	4.8	5.7	DSV
Mascot (LA)	7.4	7.7	6.6	7.4	7.3	6.3	5.9	5.0	5.6	DLF
Alanis (LA)	7.6	7.5	6.1	7.7	7.2	5.1	7.0	5.5	6.1	DLF
Duparc	7.7	7.3	6.0	7.9	7.2	8.5	7.0	5.3	5.4	RT/TG
Barcristalla	7.7	6.9	6.4	7.6	7.1	5.9	6.2	6.3	6.9	BAR
Malibu	7.1	7.8	6.3	7.2	7.1	4.5	6.4	5.3	6.1	LMG
Enesco (LA)	7.6	6.9	6.5	7.4	7.1	6.0	6.2	6.1	5.8	DLF
EuroCordus	7.3	6.9	6.4	7.4	7.0	6.8	6.6	5.9	5.9	DSV
Venice	7.4	7.3	6.2	7.0	7.0	8.5	6.7	4.7	5.5	LMG
Dylan	6.9	7.3	6.4	7.3	7.0	8.0	7.1	5.5	6.1	DLF/TG
Carnac	7.9	6.9	6.1	6.9	7.0	6.3	5.8	6.1	6.1	G/CARN
Sakura (LA)	7.4	7.3	5.6	7.5	6.9	4.7	6.2	5.6	6.2	DLF
Libero	7.3	7.3	6.1	7.0	6.9	4.3	6.0	6.3	6.5	DSV/DLF
Kalmia (LA)	7.1	6.6	6.7	7.3	6.9	6.2	7.1	5.1	5.8	DLF
Melbourne	7.4	7.2	5.9	7.1	6.9	5.7	7.0	5.0	6.1	LMG
Calico	7.4	7.3	5.6	7.4	6.9	5.0	5.9	5.8	6.5	G/CARN
Sirtaky	7.8	6.7	5.8	7.3	6.9	7.0	6.4	5.7	5.2	BAR
Madrid	6.9	6.5	7.1	6.9	6.9	4.1	5.7	6.1	5.6	LMG
Ligala	7.0	7.2	6.0	7.2	6.9	5.7	4.4	5.4	5.2	DSV/DLF
Vesuvius	7.5	7.0	5.3	7.6	6.8	6.3	6.9	5.2	5.6	G
Poseidon	7.1	6.8	6.6	7.0	6.8	5.4	6.5	4.8	5.3	RT/TG
Nagano	6.8	7.1	6.4	7.0	6.8	5.9	7.2	4.9	5.3	LMG
Beckham	7.1	6.6	6.2	7.3	6.8	7.3	5.2	5.5	5.2	DSV
Conrad 1	6.8	7.1	6.4	6.9	6.8	6.5	4.8	6.6	5.5	DLF
Cachemire	7.1	7.1	5.9	7.1	6.8	5.7	6.7	5.8	6.0	CARN
Cassiopeia	6.8	7.2	6.2	6.8	6.8	6.0	5.7	6.1	5.6	DLF
Bocelli	7.1	6.6	6.2	7.1	6.8	5.7	7.5	5.8	6.3	LMG
Mercitwo	6.8	6.9	6.4	6.8	6.7	6.4	8.2	4.5	5.5	RT/TG
Cyrena	6.8	6.6	6.5	7.0	6.7	5.5	7.0	5.3	5.7	LMG
Traffic	7.0	6.7	6.4	6.8	6.7	6.2	6.4	5.6	6.2	DSV
Flamenco	7.4	6.4	5.7	7.2	6.7	6.2	6.5	5.8	5.4	BAR
Greenway	6.7	7.1	6.2	6.7	6.7	5.8	5.9	5.9	6.1	SUT/TG
Bareuro	6.8	6.9	6.3	6.5	6.6	5.8	7.0	5.0	5.8	BAR
Eurodiamond	6.5	6.8	6.4	6.9	6.6	4.9	4.4	5.8	5.6	DLF
Promotor	6.6	6.6	6.6	6.7	6.6	6.7	6.4	4.9	5.9	G
Margarita	6.6	7.3	5.6	7.0	6.6	5.2	5.6	6.2	5.9	DLF
Vermillion (LA)	6.9	6.6	5.9	7.1	6.6	6.0	6.0	5.9	5.8	ICL
Barorlando	6.9	6.6	5.9	7.1	6.6	6.0	7.1	5.8	6.5	BAR
Alboka (LA)	7.0	6.3	6.4	6.8	6.6	7.2	7.0	6.6	6.4	BAR
Himalaya	6.9	6.7	5.8	7.1	6.6	4.4	7.1	5.4	6.2	DLF/LMG
Fandango	6.9	6.0	6.5	7.0	6.6	6.2	6.9	6.2	5.2	BAR
Barrocky	6.7	7.3	5.5	6.7	6.5	6.3	7.6	4.9	5.6	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
Cadix	6.5	7.0	6.2	6.3	6.5	5.7	5.6	5.8	5.7	G/CARN
Cleopatra	6.6	6.1	6.8	6.5	6.5	6.2	6.2	5.1	5.8	DLF
Greenfair	6.4	6.6	6.3	6.6	6.5	6.1	6.2	5.9	6.2	SUT/TG
Pontiac	6.7	5.8	7.1	6.2	6.5	5.6	6.7	4.8	6.2	LMG
Bellevue	6.6	6.6	6.2	6.4	6.4	5.9	6.4	6.1	5.4	FF
Pascal	6.6	6.0	6.7	6.4	6.4	7.8	6.3	6.6	6.8	DSV
Berlioz 1	6.5	6.3	6.3	6.6	6.4	5.6	5.6	5.8	5.5	DLF/JNS/TG
Liromeo	6.7	6.1	5.7	7.2	6.4	7.3	7.0	6.9	6.8	DSV
Recital (LA)	6.7	6.3	6.4	6.2	6.4	7.6	6.6	6.3	6.9	BAR
Greensky	6.7	6.5	6.2	6.1	6.4	5.7	6.1	5.5	4.9	RT/TG
Menuet (LA)	6.6	6.6	5.8	6.5	6.4	7.1	5.6	5.4	5.3	DLF/JNS
Vitellius	6.6	5.8	6.2	6.9	6.4	6.3	5.9	5.9	6.1	G
Eugenius	6.9	6.4	4.8	7.0	6.3	6.0	6.4	5.5	5.9	G
Bartwingo	6.2	6.6	6.3	6.0	6.3	5.9	7.5	4.8	5.8	BAR
Transate	6.5	5.7	6.1	6.7	6.3	7.0	6.0	6.2	5.9	DSV
Ragtime (LA)	6.5	6.0	5.7	6.7	6.2	5.8	6.4	5.6	6.1	BAR
Barlennium	6.0	5.2	7.9	5.8	6.2	6.2	6.1	7.7	7.4	BAR
Libronco	6.0	5.8	7.0	5.8	6.1	6.4	6.0	7.1	6.7	DSV
Barminton	6.0	6.0	6.4	6.1	6.1	5.4	6.6	5.1	6.2	BAR
Turfgold	5.9	5.2	7.3	6.1	6.1	5.6	5.7	6.3	6.0	DSV
Stravinsky	6.1	4.9	7.3	6.0	6.1	6.3	5.4	8.5	8.0	DLF
Frontliner	6.3	6.4	5.1	6.4	6.1	6.6	5.9	4.9	5.8	DSV
Bellini 1	6.1	5.8	6.0	6.3	6.1	5.9	4.8	5.6	5.3	DLF
Columbine	6.1	6.0	5.8	6.4	6.1	6.0	5.5	6.0	5.4	DLF/JNS/TG
Bizet 1	6.1	5.9	5.6	6.5	6.0	7.2	5.4	5.7	6.2	DLF/JNS
Esquire	5.7	5.2	7.4	5.6	6.0	6.0	5.7	6.8	6.9	DLF
Cereteq Centurion	6.0	5.1	6.8	5.9	6.0	5.9	5.7	7.0	7.0	PGW
Stolawn	6.5	5.9	4.9	6.6	6.0	6.0	4.8	6.0	6.3	RT/TG
Neruda 1	6.0	5.4	6.4	6.0	6.0	7.1	6.0	8.9	8.1	DLF/TG
Kokomo	5.5	5.1	7.1	6.1	6.0	6.6	6.5	8.4	7.7	DLF/LMG
Lifrance	5.5	6.4	6.0	5.9	6.0	6.7	5.9	6.1	5.8	DSV
Passion	6.5	6.0	5.2	6.1	6.0	7.2	5.8	6.1	5.5	DLF/LMG
Limonica	5.7	5.2	6.4	6.1	5.8	5.4	6.1	7.6	7.2	DSV
Doremi	5.8	5.4	5.6	6.3	5.8	6.9	6.8	5.2	6.2	LMG
Essence	5.6	6.4	5.6	5.4	5.8	4.3	5.9	5.9	5.3	DLF
Jubilee EG	5.8	5.8	6.0	5.3	5.7	5.3	5.9	6.0	6.3	DSV
Platinum	5.6	5.8	6.0	5.4	5.7	5.9	6.0	7.1	6.4	DLF
Forever	5.5	4.6	7.1	5.6	5.7	7.6	6.2	8.0	8.0	DLF
Greenglide	6.3	5.7	4.4	5.9	5.6	5.4	6.2	5.5	5.4	DLF
Concerto (LA)	5.7	5.1	5.6	5.7	5.5	5.8	5.7	6.1	5.5	BAR
Ponderosa	5.4	5.7	6.0	5.1	5.5	5.4	5.5	6.4	6.1	LMG
Eterlou	5.4	5.1	6.0	5.3	5.5	6.1	5.4	6.5	6.8	DSV
Verdi	5.2	5.0	5.9	4.9	5.3	5.8	5.7	6.5	6.3	BAR
Taya	4.8	5.1	5.3	5.1	5.1	6.2	5.5	4.9	5.2	DLF
Capri	4.6	4.9	5.0	4.9	4.8	6.7	4.4	6.1	5.3	DLF
<b>New Cultivars</b>										
Cabrio	8.1	9.2	7.7	8.2	8.3	3.8	7.2	5.6	5.8	G/CARN
Eventus	8.2	8.6	5.8	8.5	7.8	6.9	7.5	5.9	6.4	DSV
Alison	7.8	7.9	7.0	7.8	7.6	6.0	7.2	5.7	6.0	LMG
Zenia (LA)	8.1	7.5	6.7	8.1	7.6	5.4	7.2	5.3	5.6	DLF
EG Resistus (LA)	7.5	7.5	6.3	7.3	7.2	3.3	6.9	5.8	6.3	DSV
Groundforce	7.5	7.5	5.9	7.6	7.1	5.6	7.2	5.2	6.4	ICL
Shania (LA)	7.7	7.6	5.7	7.5	7.1	6.7	6.9	5.6	6.0	DLF
Hayley (LA)	6.8	7.2	7.1	7.1	7.1	4.6	6.6	5.5	6.3	RT/TG
Barlicum (LA)	7.4	7.5	5.6	7.4	7.0	5.5	5.7	5.6	6.0	BAR
Nerine (LA)	7.7	7.3	4.7	8.0	7.0	5.5	6.6	5.2	6.2	DLF
Restore (LA)	7.4	6.8	6.5	7.1	6.9	3.9	6.9	6.6	6.5	ICL
Marcellina (LA)	7.3	6.7	5.8	7.6	6.8	7.1	6.3	4.7	5.5	DLF
Melanitta (LA)	7.3	6.8	6.0	7.3	6.8	5.9	6.6	5.7	5.7	DLF
Eurosport	7.6	7.0	5.0	7.6	6.8	5.4	5.1	5.5	6.2	DSV
Vulcanus	6.6	6.1	8.0	6.5	6.8	5.4	5.4	6.7	6.3	DSV

## 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	8.0	7.6	7.1	7.7	7.6	5.8	5.8	4.9	DLF/JNS
Greenplay	8.1	7.7	6.3	7.8	7.5	6.5	5.9	4.9	RT/TG
Linares	8.1	7.9	5.9	7.9	7.4	6.4	6.0	5.0	DSV
Lincolnshire	7.9	7.3	6.1	7.9	7.3	4.7	6.7	5.6	DLF
Limousine	7.9	7.6	5.7	7.6	7.2	5.5	6.2	5.2	DLF/JNS
Barhelene	7.6	7.7	6.0	7.3	7.2	5.5	5.2	4.7	BAR
Yvette	7.3	7.2	6.1	7.4	7.0	6.9	6.1	5.6	LMG
Joker	7.3	7.6	5.7	7.0	6.9	5.9	5.3	5.2	G
Julius	7.7	7.0	5.5	7.3	6.9	5.4	6.1	4.8	DLF
Harmonie	7.6	7.5	4.8	7.6	6.9	4.7	5.1	4.9	DLF/TG
Cocktail	7.0	7.0	6.0	7.5	6.9	7.0	6.7	6.4	LMG
Mozart 1	7.2	7.1	5.6	7.2	6.8	7.0	5.8	5.2	DLF
Miracle	6.5	6.3	6.4	6.6	6.4	7.4	6.2	7.1	DLF
Conni	6.3	6.0	6.0	6.7	6.2	5.9	5.8	6.3	DLF
Zeptor	6.1	6.0	6.5	5.8	6.1	6.2	5.2	6.3	DSV
Julia	5.9	6.1	5.7	5.9	5.9	5.9	6.0	5.7	G
Broadway	6.2	5.2	5.2	6.5	5.8	6.2	6.3	6.6	RT/TG
Panduro	5.8	5.9	5.5	5.4	5.6	6.2	6.0	5.5	DLF
Bariris	5.8	6.1	5.0	5.6	5.6	5.3	4.5	5.5	BAR
Evora	4.5	4.3	4.3	4.6	4.4	4.3	5.7	6.9	DLF
<b>New Cultivars</b>									
Aramintha (LA)	6.9	7.3	5.0	7.0	6.5	6.1	4.7	5.4	DLF
Touche	5.6	5.9	5.6	5.6	5.7	6.0	6.5	5.6	BAR

## 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	8.5	5.8	7.0	DLF/JNS
Humboldt	7.7	7.6	7.7	7.0	5.9	5.5	DLF/JNS
Barlineus	7.7	7.4	7.5	7.7	6.0	4.5	BAR
Musica	7.4	7.4	7.4	6.7	5.6	7.1	BAR
Greenmile	7.3	7.3	7.3	6.3	7.4	6.2	RT/TG
Caldris (LA)	7.4	7.1	7.2	5.9	4.6	4.4	LMG
Blenheim	7.2	7.2	7.2	6.4	6.8	5.8	DLF
Bogart (LA)	7.1	7.3	7.2	7.2	5.1	4.7	DLF
Carioca (LA)	7.1	7.3	7.2	6.2	5.6	5.9	BAR
Barchip	7.0	7.0	7.0	6.0	6.2	6.7	BAR
Dorianna	6.8	7.2	7.0	7.7	6.6	5.5	G
Greensleeves	6.7	7.1	6.9	6.6	5.8	5.7	RT/TG
Joanna	6.8	6.8	6.8	4.9	6.8	7.4	G
Bargreen II	7.0	6.6	6.8	5.7	5.3	5.2	BAR
Barswing	6.8	6.7	6.7	7.7	6.6	5.4	BAR
Katarina	6.8	6.7	6.7	5.4	5.6	6.1	DSV
Mission	6.7	6.7	6.7	6.4	6.5	7.1	DSV
Brahms	6.5	6.9	6.7	6.2	6.7	5.4	RT/TG
Maritza	6.7	6.6	6.7	6.2	5.7	5.4	LMG
Nikky	6.7	6.6	6.6	5.5	5.6	6.0	LMG
Eurocrown	6.6	6.6	6.6	6.3	5.8	5.4	DSV
Melitta	6.5	6.6	6.5	6.9	5.2	5.2	DSV
Raisa	6.7	6.2	6.4	5.7	5.9	5.6	G
Wagner 1	6.4	6.4	6.4	5.7	6.9	6.8	DLF
Lichampion	6.3	6.1	6.2	6.1	6.0	6.3	DSV
Barbirdie	6.2	6.2	6.2	5.3	6.3	5.4	BAR
Calliope	6.5	5.9	6.2	5.3	4.5	6.6	DLF/TG
Bargreen	6.2	6.2	6.2	7.2	6.0	6.5	BAR
Belleaire	6.0	6.3	6.2	4.5	6.8	7.3	SUT/TG
Capriccio	6.2	6.1	6.1	6.3	4.9	5.8	DLF
Trophy	5.6	6.5	6.0	6.9	5.5	6.7	DLF/LMG
Excellence	6.0	6.0	6.0	4.9	5.8	5.8	DSV
Olivia	6.0	5.8	5.9	4.8	5.4	6.4	DSV
Livista	6.2	5.4	5.8	6.1	5.0	6.7	DSV
Raymond	4.6	5.0	4.8	5.6	7.7	6.3	LMG

### New Cultivars

Ramona	7.9	8.1	8.0	7.3	4.7	4.4	DSV
Esparina (LA)	7.9	7.8	7.9	7.8	5.8	6.8	DLF
EuroCarina	7.8	7.8	7.8	7.0	5.1	4.8	DSV
Bodega	7.7	8.0	7.8	7.4	6.4	4.2	BAR
Highnote (LA)	7.6	7.3	7.4	5.7	5.1	5.1	DLF
Fulmar (LA)	7.1	7.4	7.2	7.7	2.7	4.4	DLF
Annalena (LA)	7.3	7.0	7.1	5.2	5.8	6.4	DSV
EuroCom (LA)	6.9	6.8	6.8	6.7	5.0	4.5	DSV
Wapiti (LA)	6.3	6.6	6.5	6.4	5.4	5.2	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	8.0	6.9	5.9	6.7	DLF/JNS
Beudin	7.7	8.0	7.9	6.4	5.7	5.3	DLF/JNS/TG
Viktorka	7.9	7.7	7.8	8.0	5.6	7.5	BAR
Barcrown	7.9	7.5	7.7	8.4	5.7	6.5	BAR
Barprince	7.5	7.7	7.6	7.5	5.2	4.9	BAR
Cezanne	7.5	7.6	7.6	6.4	6.6	6.9	DLF/JNS
Montjeu (LA)	7.8	7.2	7.5	7.6	5.5	6.6	ATR
Mirador	7.6	7.2	7.4	6.8	5.5	5.8	G
Barpearl	7.3	7.3	7.3	8.0	6.4	6.2	BAR
Borluna	7.4	7.1	7.2	5.4	6.9	7.3	G
Finesto	7.1	7.2	7.1	5.6	5.7	5.4	DLF
Valdora	7.1	7.0	7.0	6.0	5.6	6.1	DLF
Tremont	7.0	7.1	7.0	6.4	5.3	5.4	G
Barmalia	6.9	7.0	7.0	7.4	5.7	4.1	BAR
Corsaire	6.7	6.9	6.8	6.8	6.4	5.4	LMG
Turner 1	6.8	6.6	6.7	5.8	5.7	6.9	RT/TG
EuroMarie	6.4	6.7	6.6	4.7	7.7	5.9	DSV
AberCharm	6.8	6.3	6.5	6.0	7.9	8.1	G
Carousel	6.3	6.7	6.5	5.7	6.1	5.9	LMG
Amarone	6.3	6.4	6.4	7.0	6.5	5.5	DLF
Musette	6.2	6.4	6.3	4.4	7.1	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	6.1	6.1	6.1	5.4	6.5	7.6	LMG
Mezzoforte	6.2	5.9	6.0	5.6	7.6	6.5	DSV
Helena	5.8	5.8	5.8	4.8	5.5	5.4	RT/TG
Reggae	6.0	5.5	5.8	4.4	6.3	6.1	BAR
Smirna	5.5	5.6	5.5	6.1	5.2	5.4	LMG/DLF
Carmania	5.4	5.5	5.4	5.1	6.9	5.7	CARN
Samanta	5.1	5.3	5.2	5.3	4.9	5.2	DLF
Libano	5.2	5.2	5.2	5.0	5.4	5.6	DSV

### New Cultivars

Aporina (LA)	7.6	8.1	7.9	7.4	6.0	5.7	LMG
Papilio (LA)	7.4	7.2	7.3	7.0	4.4	4.9	DLF
Archibal (LA)	6.4	6.8	6.6	5.0	5.2	6.1	DLF
Charlotte (LA)	6.5	6.1	6.3	5.8	4.4	5.2	DSV

## 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	6.1	6.1	6.1	5.9	6.1	6.2	DLF/JNS
Chopin (LA)	5.8	5.6	5.7	3.5	6.4	5.9	DLF
Bossanova	5.8	5.6	5.7	5.6	7.0	5.7	BAR
Red Peak (LA)	5.7	5.6	5.7	4.2	8.2	8.6	ICL
Wendy Jean (LA)	5.7	5.6	5.7	4.1	7.7	8.1	ICL
Mellori	5.7	5.6	5.6	3.9	7.6	7.2	DSV
Carmaniole	5.7	5.4	5.6	6.1	7.5	6.5	CARN
Magitte	5.5	5.7	5.6	4.3	7.4	6.9	G
Swing	5.6	5.5	5.6	4.9	6.1	5.7	BAR
Ryder	5.7	5.4	5.5	5.3	6.6	6.6	DSV
Sergei	5.6	5.4	5.5	5.3	6.1	6.2	DLF/BAR
Hightower	5.5	5.3	5.4	4.0	4.2	8.1	DSV
Cabarette	5.4	5.3	5.4	3.3	6.6	5.4	CARN
Heidrun	5.4	5.3	5.4	5.3	6.0	5.8	LMG
Clemens	5.1	5.4	5.2	4.3	5.9	5.6	DLF
Litango	5.2	5.1	5.2	4.3	5.4	6.2	DSV
Polka	5.1	5.2	5.1	5.3	6.5	6.2	BAR
Camilla	4.8	5.1	4.9	5.7	7.4	6.3	DSV
Jasperina	4.8	4.9	4.9	4.2	5.5	6.2	DSV
Mazurka	4.8	4.9	4.9	3.0	6.3	5.8	BAR
Herald	4.7	4.9	4.8	4.4	6.2	5.9	DLF
Dipper	4.8	4.7	4.7	3.7	6.8	5.8	DSV
Barustic	4.5	4.6	4.6	4.1	5.3	5.8	BAR
Relevant	4.5	4.3	4.4	5.4	5.7	5.9	DSV
Lambda	4.4	4.5	4.4	5.4	4.7	5.9	BAR
Mystic	4.4	4.4	4.4	5.4	6.5	6.3	SUT/TG
Corail	4.4	4.3	4.4	4.9	5.6	5.8	LMG/DLF
Maxima 1	4.2	4.2	4.2	4.9	6.9	5.7	DLF
Livision	4.2	4.2	4.2	3.8	5.6	5.9	DSV
Boreal	3.5	3.7	3.6	4.4	4.4	4.8	Fa*
<b>New Cultivars</b>							
Hastings (LA)	5.9	6.1	6.0	4.0	5.7	5.7	RT/TG

\* 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
<b>Hard fescue (<i>Festuca longifolia</i>)</b>							
Crystal	7.6	6.9	7.3	6.6	6.9	6.8	LMG
Manetto	7.3	7.0	7.2	6.0	6.9	7.1	DLF/JNS
Hardtop	6.5	6.4	6.4	5.9	7.0	5.9	BAR
Nordic	5.6	5.8	5.7	7.1	6.8	5.9	DLF
Dumas 1	5.6	5.6	5.6	5.9	6.7	5.8	DLF
Reliant II	5.6	5.6	5.6	6.3	6.1	6.0	BAR
Mentor	5.3	5.3	5.3	6.1	5.4	5.5	G
<b>New Cultivars</b>							
Pebbles (LA)	5.8	5.9	5.9	4.9	7.7	6.1	DLF
<b>Sheep's fescue (<i>Festuca ovina</i>)</b>							
Quatro	8.7	7.9	8.3	8.3	7.2	7.0	DLF/JNS
AberFleece	7.7	6.3	7.0	5.1	6.5	7.1	G

### Table L7

Browntop bent (*Agrostis capillaris*)

Cultivar	Shoot density	Fineness of leaf	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
<b>Browntop bent (<i>Agrostis capillaris</i>)</b>								
AberRegal	7.5	7.3	7.7	7.5	5.5	7.0	7.0	G
BarkKing	7.1	7.1	7.6	7.3	5.7	7.1	5.8	BAR
Ambition	6.9	6.7	7.5	7.0	4.9	6.5	4.9	LMG
Troy	6.7	6.6	7.0	6.8	6.5	6.5	6.5	PGW
Manor	6.6	6.6	7.1	6.8	5.4	6.1	6.1	DLF/JNS
Heriot	6.6	6.5	7.1	6.7	5.6	6.9	6.2	BAR
Egmont	6.6	6.5	7.1	6.7	6.2	6.7	6.7	RT/TG
Greenspeed	6.7	6.4	7.0	6.7	5.4	6.5	6.0	RT/TG
Jorvik	6.6	6.7	6.6	6.6	4.9	5.8	6.4	DLF
Arletta	6.0	6.5	6.9	6.5	5.3	6.1	5.5	LMG
Sefton	6.1	6.4	6.9	6.5	5.1	6.5	5.7	LMG
Denso	6.2	6.4	6.5	6.3	6.3	6.0	7.1	DLF
Tiger Nova (LA)	6.1	6.1	6.4	6.2	6.1	5.5	6.9	DLF
<b>New Cultivars</b>								
Arrowtown	7.5	7.3	7.7	7.5	5.6	4.9	6.1	DLF/JNS

Table L7 Continued

	Shoot density	Fineness of leaf	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
<b>Highland bent (<i>Agrostis castellana</i>)</b>								
Highland	4.6	4.6	4.9	4.7	5.0	8.8	4.4	Fa*
<b>Creeping bent (<i>Agrostis stolonifera</i>)</b>								
Penn A-1	5.7	5.6	5.5	5.6	6.7	4.8	5.3	ICL
<b>Velvet bent (<i>Agrostis canina</i>)</b>								
Villa 1	9.1	8.6	7.5	8.4	5.4	6.7	8.1	DLF/JNS
Avalon	8.5	8.2	8.1	8.3	4.9	7.1	7.7	G

\*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	7.9	8.1	7.2	7.9	7.7	7.1	7.3	DLF/JNS
Greenbrooks	7.1	6.9	7.2	7.7	7.2	7.2	7.2	RT/TG
Barcesar	7.1	7.4	6.0	7.1	6.9	6.0	5.4	BAR
Melyane	7.2	6.9	6.3	7.1	6.9	5.6	5.6	DSV
Debussy 1	7.1	6.7	6.4	7.1	6.8	7.3	7.3	DLF/JNS
Beagle 1	6.9	7.0	6.1	7.0	6.7	6.7	7.2	DLF
Masterpiece	6.1	6.4	7.0	6.8	6.6	6.5	6.9	DLF/LMG
Barlexas II	6.5	6.5	6.8	6.2	6.5	6.3	6.8	BAR
Meandre	6.3	6.6	6.2	6.3	6.3	5.6	6.1	DSV
Divyna	6.5	6.2	5.9	6.1	6.2	5.2	5.1	DSV
Starlett	5.7	5.7	5.7	5.8	5.7	6.4	6.2	DLF
Susana	5.6	5.7	4.9	5.7	5.5	5.5	5.1	BAR
<b>New Cultivars</b>								
Calvada (LA)	7.8	7.4	7.7	7.5	7.6	7.6	7.4	RT/TG
Justice	7.2	6.9	5.8	7.3	6.8	7.4	7.1	BAR
Grande II	6.7	6.3	6.4	6.6	6.5	7.3	7.1	RT/TG

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	UK Agent
Barcampasia	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

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## 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)

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#### Applications

Golf greens

Bowling greens

Ornamental lawns

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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
<b>Browntop bent (<i>Agrostis capillaris</i>)</b>								
Arrowtown	7.7	8.1	7.9	7.3	6.6	3.9	5.8	DLF/JNS
Manor	7.2	7.3	7.2	6.8	5.6	5.8	6.0	DLF/JNS
Barkling	6.7	7.4	7.0	6.6	5.9	7.0	6.0	BAR
Egmont	6.9	7.0	6.9	6.4	6.2	6.7	6.5	RT/TG
Sefton	6.8	7.1	6.9	6.9	5.1	5.5	5.1	LMG
Heriot	6.7	7.2	6.9	7.0	5.6	6.6	6.3	BAR
Greenspeed	6.8	7.0	6.9	6.6	6.0	5.9	6.0	RT/TG
AberRegal	6.7	7.0	6.9	6.3	6.3	6.9	6.9	G
AberRoyal	6.7	7.0	6.9	6.7	5.7	6.8	6.6	G
Troy	6.8	6.9	6.9	6.3	6.6	5.6	6.3	PGW
Jorvik	6.6	6.7	6.6	6.5	4.9	6.3	6.8	DLF
Galina (LA)	6.3	6.8	6.5	5.6	6.7	6.2	6.5	DLF
Ambition	6.3	6.6	6.4	6.3	6.6	4.3	4.5	LMG
Arlotta	5.8	6.3	6.0	7.6	5.0	7.0	5.5	LMG
Polana	5.7	6.3	6.0	5.3	6.6	6.0	6.4	DLF
<b>Creeping bent (<i>Agrostis stolonifera</i>)</b>								
Cobra nova	7.0	7.3	7.2	6.9	6.3	6.9	6.3	DLF/JNS
OO7 DSB	6.8	7.0	6.9	6.8	6.2	6.5	5.7	G
CY2	6.7	6.9	6.8	5.9	6.0	5.7	5.0	DLF
Mackenzie	6.7	6.7	6.7	6.6	5.4	6.1	5.7	DSV
Tyee	6.4	6.4	6.4	6.1	6.4	6.0	5.6	G
Penn G-6	6.4	6.3	6.4	6.1	6.7	6.7	6.4	ICL
Penn A-1	6.2	6.3	6.3	6.1	6.4	6.4	5.8	ICL
Penn A-4	6.0	5.9	6.0	6.4	6.3	6.0	5.7	ICL
Skyfall	6.2	5.7	5.9	6.1	6.6	4.2	5.1	BAR/SR
SR 1119	5.7	5.8	5.7	4.8	7.2	5.6	5.7	G
<b>Velvet bent (<i>Agrostis canina</i>)</b>								
Vesper	9.0	8.3	8.7	8.6	4.3	6.4	8.2	G
Villa 2	8.5	8.3	8.4	8.4	3.8	4.6	7.5	DLF/JNS
Villa 1	8.6	7.7	8.1	7.8	3.7	5.6	7.6	DLF/JNS
Avalon	8.3	7.7	8.0	8.3	4.0	6.3	7.6	G

## 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
Carioca (LA)	7.2	7.3	7.2	6.1	5.5	5.9	BAR
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
Barbirdie	6.6	7.0	6.8	5.5	6.4	5.6	BAR
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	DLF/TG
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
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
Highnote (LA)	7.1	6.9	7.0	4.8	6.3	6.7	DLF
EuroCom (LA)	7.1	6.9	7.0	-	6.0	6.4	DSV
Fulmar (LA)	6.6	6.5	6.6	-	4.9	6.1	DLF

**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	8.1	8.1	6.4	7.8	BAR
Nigella	7.7	8.0	7.8	7.8	5.4	6.2	DLF/JNS
Beudin	7.8	7.7	7.8	6.9	5.7	5.2	DLF/JNS/TG
Cezanne	7.6	7.9	7.7	6.5	4.3	4.9	DLF/JNS
Barcrown	7.7	7.4	7.5	8.3	6.2	6.8	BAR
Barpearl	7.0	7.3	7.2	8.1	6.3	6.2	BAR
Turner 1	6.9	7.4	7.2	5.4	6.3	7.0	RT/TG
Valdora	7.1	7.2	7.1	6.4	5.5	6.0	DLF
Barprince	7.1	7.1	7.1	7.1	4.9	4.8	BAR
Finesto	7.0	7.1	7.1	6.1	5.2	5.3	DLF
Reggae	6.9	7.1	7.0	4.4	6.3	6.0	BAR
Tremont	7.1	6.8	7.0	5.1	5.1	5.2	G
Mirador	7.0	6.9	6.9	7.6	4.6	5.4	G
Archibal (LA)	6.8	6.9	6.9	6.4	5.2	6.3	DLF
AberCharm	7.0	6.6	6.8	5.3	7.0	8.0	G
Musette	6.8	6.7	6.7	4.6	6.6	6.2	BAR
Borluna	6.5	6.6	6.5	6.3	5.5	7.6	G
Carousel	6.2	6.8	6.5	5.8	5.8	5.8	LMG
Nicole	6.6	6.4	6.5	5.4	6.0	6.0	DSV
Helena	6.4	6.3	6.4	5.0	5.6	5.2	RT/TG
Javelin	6.1	6.5	6.3	7.5	3.3	4.2	DSV
Corrida	6.1	6.2	6.1	6.4	5.9	7.0	LMG
Smirna	6.0	6.1	6.0	5.8	5.6	5.6	LMG/DLF
Libano	5.8	5.7	5.8	5.2	5.7	5.9	DSV
Mezzoforte	5.6	5.2	5.4	4.7	7.7	6.4	DSV
Samanta	5.1	5.4	5.3	5.6	5.5	5.4	DLF
<b>New Cultivars</b>							
Aporina (LA)	7.3	7.4	7.3	6.5	6.0	5.5	LMG
Montjeu (LA)	7.3	7.3	7.3	7.9	5.9	7.1	ATR
EuroMarie	7.1	6.9	7.0	4.8	6.9	5.9	DSV
Cathrine	6.4	6.4	6.4	4.9	7.6	8.1	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	Cleanliness of cut	Winter greenness	Summer greenness	UK Agent
Clementine	7.6	7.6	7.6	6.9	6.2	6.9	5.6	5.5	DLF/JNS/TG
Barsignum	7.5	7.5	7.5	7.3	6.5	4.8	5.9	6.9	BAR
Cabrio	7.3	7.5	7.4	8.3	5.0	4.8	5.4	5.9	G/CARN
Aiken (LA)	7.3	7.0	7.2	6.9	6.7	6.5	6.2	6.8	DLF
Monroe	6.8	7.2	7.0	7.1	5.9	6.4	6.4	6.7	DLF/JNS
Dickens 1	6.8	6.9	6.9	6.4	6.3	4.9	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	7.2	5.5	5.3	LMG
Escapade	6.6	6.2	6.4	6.7	6.7	6.0	6.3	6.4	G/CARN
Antonella	6.3	6.2	6.3	6.5	6.5	4.7	5.9	6.8	RT/TG
Poseidon	6.2	6.1	6.2	5.7	5.0	5.9	4.9	5.5	RT/TG
Chardin	6.1	6.2	6.2	6.5	4.9	7.3	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	7.0	6.0	5.1	DLF/TG
Columbine	5.4	5.4	5.4	5.6	3.3	5.1	7.0	6.4	DLF/JNS/TG
Venice	5.3	5.2	5.3	5.5	6.0	4.9	4.7	5.3	LMG
Mercitwo	5.2	5.1	5.2	5.4	6.5	7.5	5.4	5.5	RT/TG
Greenfair	4.9	4.9	4.9	5.1	6.7	6.3	7.0	6.3	SUT/TG

### New Cultivars

Barolympic	8.2	8.4	8.3	7.9	6.9	-	4.2	3.6	BAR
Gianna (LA)	6.5	6.5	6.5	6.5	6.5	-	5.1	5.9	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
<b>Hard fescue (<i>Festuca longifolia</i>)</b>							
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 (*Festuca ovina*)

Quatro	7.4	7.2	7.3	7.0	6.9	7.1	DLF/JNS
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### Strong creeping red fescue (*Festuca rubra rubra*)

Rossinante	5.9	6.3	6.1	5.6	5.3	5.2	DLF/JNS
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## 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
<b>Rough stalked meadow-grass (Poa trivialis) Note 1</b>							
Bogaris (LA)	-	5.7	8.2	5.1	7.9	-	DLF/JNS
Sabrena 1	-	5.4	8.2	5.0	8.0	-	DLF
<b>Prostrate meadow-grass (Poa supina) Note 1</b>							
Supra (LA)	7.9	6.9	4.7	5.9	5.6	-	G
<b>Timothy (Phleum bertolonii) Note 1</b>							
Piccolo	5.6	4.3	3.6	4.8	6.2	-	

- = No data

#### Notes:

1 Comparable with smooth-stalked meadow-grass

# Index

Cultivar	Species	Tables			
AberCharm	Slender creeping red fescue	L4 G3	Bellini 1	Perennial ryegrass	S1 L1
AberFleece	Sheep's fescue	L6	Berlioz 1	Perennial ryegrass	S1 L1
AberRegal	Browntop bent	L7 G1	Beudin	Slender creeping red fescue	L4 G3
AberRoyal	Browntop bent	G1	Bizet 1	Perennial ryegrass	S1 L1
Agreement	Perennial ryegrass	S1	Blenheim	Chewings fescue	L3 G2
Aiken (LA)	Perennial ryegrass	S1 L1 G4	Bocelli	Perennial ryegrass	S1 L1
Alanis (LA)	Perennial ryegrass	S1 L1	Bodega	Chewings fescue	L3 G2
Alboka (LA)	Perennial ryegrass	S1 L1	Boganis (LA)	Rough stalked meadow-grass	M1
Alison	Perennial ryegrass	S1 L1	Bogart (LA)	Chewings fescue	L3
Alyssa	Perennial ryegrass	S1	Boreal	Strong creeping red fescue	L5
Amarone	Slender creeping red fescue	L4	Borluna	Slender creeping red fescue	L4 G3
Ambition	Browntop bent	L7 G1	Bossanova	Strong creeping red fescue	L5
Annalena (LA)	Chewings fescue	L3 G2	Brahms	Chewings fescue	L3 G2
Antonella	Perennial ryegrass	S1 L1 G4	Broadway	Smooth-stalked meadow-grass	S2 L2
Aporina (LA)	Slender creeping red fescue	L4 G3	Cabarette	Strong creeping red fescue	L5
Aramintha (LA)	Smooth-stalked meadow-grass	S2 L2	Cabrio	Perennial ryegrass	L1 G4
Archibal (LA)	Slender creeping red fescue	L4 G3	Cachemire	Perennial ryegrass	S1 L1
Arletta	Browntop bent	L7 G1	Cadix	Perennial ryegrass	S1 L1
Arrowtown	Browntop bent	L7 G1	Caldris (LA)	Chewings fescue	L3 G2
Avalon	Velvet bent	L7 G1	Calico	Perennial ryegrass	S1 L1
Barbardie	Chewings fescue	L3 G2	Calliope	Chewings fescue	L3 G2
Barcampisia	Tufted hair-grass	S4 L9	Calvada (LA)	Tall fescue	L8
Barcesar	Tall fescue	S3 L8	Camilla	Strong creeping red fescue	L5
Barchip	Chewings fescue	L3 G2	Candela	Tufted hair-grass	L9
Barcristalla	Perennial ryegrass	S1 L1	Cannavaro	Tall fescue	S3 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	Carioca (LA)	Chewings fescue	L3 G2
Bargold	Perennial ryegrass	S1 L1 G4	Carmania	Slender creeping red fescue	L4
Bargreen	Chewings fescue	L3	Carmaniolo	Strong creeping red fescue	L5
Bargreen II	Chewings fescue	L3 G2	Carnac	Perennial ryegrass	S1 L1
Barhelene	Smooth-stalked meadow-grass	S2 L2	Carousel	Slender creeping red fescue	L4 G3
Barillion	Perennial ryegrass	S1	Cassiopia	Perennial ryegrass	S1 L1
Bariris	Smooth-stalked meadow-grass	S2 L2	Cathrine	Slender creeping red fescue	L4 G3
BarKing	Browntop bent	L7 G1	Cerec 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 (LA)	Perennial ryegrass	S1 L1	Charlotte (LA)	Slender creeping red fescue	L4
Barlineus	Chewings fescue	L3 G2	Charme	Chewings fescue	G2
Barmalia	Slender creeping red fescue	L4	Chopin (LA)	Strong creeping red fescue	L5
Barminton	Perennial ryegrass	L1	Claudine	Perennial ryegrass	S1 L1
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
Barrocky	Perennial ryegrass	S1 L1	Cocktail	Smooth-stalked meadow-grass	S2 L2
Barsaille (LA)	Tall fescue	S3	Columbine	Perennial ryegrass	S1 L1 G4
Barsignum	Perennial ryegrass	S1 L1 G4	Concerto (LA)	Perennial ryegrass	S1 L1
Barswing	Chewings fescue	L3 G2	Conni	Smooth-stalked meadow-grass	S2 L2
Bartwingo	Perennial ryegrass	L1	Conrad 1	Perennial ryegrass	S1 L1
Barustic	Strong creeping red fescue	L5	Corail	Strong creeping red fescue	L5
Barxera	Tufted hair-grass	S4 L9	Corrida	Slender creeping red fescue	L4 G3
Beagle 1	Tall fescue	S3 L8	Corsaire	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	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
Disco	Perennial ryegrass	S1	Jubilee EG	Perennial ryegrass	S1 L1
Divyna	Tall fescue	L8	Julia	Smooth-stalked meadow-grass	S2 L2
Doremi	Perennial ryegrass	S1 L1	Julius	Smooth-stalked meadow-grass	S2 L2
Dorianna	Chewings fescue	L3 G2	Justice	Tall fescue	S3 L8
Double	Perennial ryegrass	S1s	Kalmia (LA)	Perennial ryegrass	S1 L1
Dumas 1	Hard Fescue	L6	Katarina	Chewings fescue	L3 G2
Duparc	Perennial ryegrass	S1 L1	Kokomo	Perennial ryegrass	S1 L1
Dylan	Perennial ryegrass	L1 G4	Lambada	Strong creeping red fescue	L5
EG Resistus (LA)	Perennial ryegrass	S1 L1	Libano	Slender creeping red fescue	L4 G3
Egmont	Browntop bent	L7 G1	Libero	Perennial ryegrass	S1 L1
Enesco (LA)	Perennial ryegrass	S1 L1	Libronco	Perennial ryegrass	L1
Enigma	Smooth-stalked meadow-grass	S2	Lichampion	Chewings fescue	L3 G2
Escapade	Perennial ryegrass	S1 L1 G4	Lifrance	Perennial ryegrass	S1 L1
Esparina (LA)	Chewings fescue	L3 G2	Ligala	Perennial ryegrass	S1 L1
Esquire	Perennial ryegrass	S1 L1	Limonica	Perennial ryegrass	S1 L1
Essence	Perennial ryegrass	S1 L1	Limousine	Smooth-stalked meadow-grass	S2 L2
Eterlou	Perennial ryegrass	L1	Linares	Smooth-stalked meadow-grass	S2 L2
Eugenius	Perennial ryegrass	S1 L1	Lincolnshire	Smooth-stalked meadow-grass	S2 L2
EuroCarina	Chewings fescue	L3 G2	Liromeo	Perennial ryegrass	S1 L1
EuroCom (LA)	Chewings fescue	L3 G2	Litango	Strong creeping red fescue	L5
EuroCordus	Perennial ryegrass	S1 L1	Livision	Strong creeping red fescue	L5
Eurocrown	Chewings fescue	L3 G2	Livista	Chewings fescue	L3 G2
Eurodiamond	Perennial ryegrass	S1 L1	Lourega	Perennial ryegrass	S1
EuroMarie	Slender creeping red fescue	L4 G3	Mackenzie	Creeping bent	G1
Eurosport	Perennial ryegrass	S1 L1	Madrid	Perennial ryegrass	S1 L1
Eventus	Perennial ryegrass	S1 L1	Magitte	Strong creeping red fescue	L5
Evora	Smooth-stalked meadow-grass	S2 L2	Malibu	Perennial ryegrass	L1
Excellence	Chewings fescue	L3 G2	Manetto	Hard Fescue	L6 G5
Fabian	Perennial ryegrass	S1s	Manor	Browntop bent	L7 G1
Fancy	Perennial ryegrass	S1	Marcellina (LA)	Perennial ryegrass	S1 L1
Fandango	Perennial ryegrass	S1 L1	Margarita	Perennial ryegrass	S1 L1
Finesto	Slender creeping red fescue	L4 G3	Maritza	Chewings fescue	L3
Flamenco	Perennial ryegrass	S1 L1	Mascot (LA)	Perennial ryegrass	S1 L1
Forever	Perennial ryegrass	L1	Masterpiece	Tall fescue	S3 L8
Francesca (LA)	Perennial ryegrass	L1	Maxima 1	Strong creeping red fescue	L5
Frontliner	Perennial ryegrass	L1	Mazurka	Strong creeping red fescue	L5
Fulmar (LA)	Chewings fescue	L3 G2	Meandre	Tall fescue	L8
Galina (LA)	Browntop bent	G1	Melanitta (LA)	Perennial ryegrass	S1 L1
Gianna (LA)	Perennial ryegrass	S1 G4	Melbourne	Perennial ryegrass	S1 L1
Grande II	Tall fescue	S3 L8	Melitta	Chewings fescue	L3 G2
Greenbrooks	Tall fescue	S3 L8	Mellori	Strong creeping red fescue	L5
Greenfair	Perennial ryegrass	S1 L1 G4	Melyane	Tall fescue	S3 L8
Greenglide	Perennial ryegrass	S1 L1	Mentor	Hard Fescue	L6
Greenmile	Chewings fescue	L3 G2	Menuet (LA)	Perennial ryegrass	L1
Greenplay	Smooth-stalked meadow-grass	S2 L2	Mercitwo	Perennial ryegrass	S1 L1 G4
Greensky	Perennial ryegrass	S1 L1	Mezzoforte	Slender creeping red fescue	L4 G3
Greensleeves	Chewings fescue	L3 G2	Miracle	Smooth-stalked meadow-grass	S2 L2
Greenspeed	Browntop bent	L7 G1	Mirador	Slender creeping red fescue	L4 G3
Greenway	Perennial ryegrass	S1 L1 G4	Mission	Chewings fescue	L3 G2
Groundforce	Perennial ryegrass	L1	Mistral	Perennial ryegrass	S1
Hardtop	Hard Fescue	L6 G5	Monarch	Smooth-stalked meadow-grass	S2
Harmonie	Smooth-stalked meadow-grass	S2 L2	Monroe	Perennial ryegrass	S1 L1 G4
Hastings (LA)	Strong creeping red fescue	L5	Montjeu (LA)	Slender creeping red fescue	L4 G3
Hayley (LA)	Perennial ryegrass	S1 L1	Mozart 1	Smooth-stalked meadow-grass	S2 L2
Heidrun	Strong creeping red fescue	L5	Musette	Slender creeping red fescue	L4 G3
Helena	Slender creeping red fescue	L4 G3	Musica	Chewings fescue	L3 G2
Herald	Strong creeping red fescue	L5	Mystic	Strong creeping red fescue	L5
Heriot	Browntop bent	L7 G1	Nagano	Perennial ryegrass	S1 L1
Highland	Highland bent	L7	Nerine (LA)	Perennial ryegrass	S1 L1
Highnote (LA)	Chewings fescue	L3 G2	Neruda 1	Perennial ryegrass	S1 L1
Hightower	Strong creeping red fescue	L5	Nicole	Slender creeping red fescue	G3
Himalaya	Perennial ryegrass	S1 L1	Nigella	Slender creeping red fescue	L4 G3
Hugo 1	Perennial ryegrass	S1	Nikky	Chewings fescue	L3 G2
Humboldt	Chewings fescue	L3 G2	Nordic	Hard Fescue	L6
Jasperina	Strong creeping red fescue	L5	Olivia	Chewings fescue	L3 G2
Javelin	Slender creeping red fescue	G3	OO7 DSB	Creeping bent	G1

Panduro	Smooth-stalked meadow-grass	S2 L2	Siskin (LA)	Chewings fescue	L3 G2
Papilio (LA)	Slender creeping red fescue	L4	Skyfall	Creeping bent	G1
Parsifal	Smooth-stalked meadow-grass	S2	Smirna	Slender creeping red fescue	L4 G3
Pascal	Perennial ryegrass	S1 L1	Sombrero	Smooth-stalked meadow-grass	S2 L2
Passion	Perennial ryegrass	L1	SR 1119	Creeping bent	G1
Pebbles (LA)	Hard Fescue	L6	Starlett	Tall fescue	L8
Penn A-1	Creeping bent	L7 G1	Stolawn	Perennial ryegrass	S1 L1
Penn A-4	Creeping bent	G1	Stravinsky	Perennial ryegrass	S1 L1
Penn G-6	Creeping bent	G1	Supra (LA)	Prostrate meadow-grass	M1
Piccolo	Timothy	M1	Susana	Tall fescue	L8
Pinafore	Slender creeping red fescue	L4	Susing	Strong creeping red fescue	L5
Platinum	Perennial ryegrass	S1 L1	Taya	Perennial ryegrass	L1
Polana	Browntop bent	G1	Tetragreen	Perennial ryegrass	S1s
Polka	Strong creeping red fescue	L5	Tiger Nova (LA)	Browntop bent	L7
Ponderosa	Perennial ryegrass	S1 L1	Touche	Smooth-stalked meadow-grass	S2 L2
Pontiac	Perennial ryegrass	L1	Traffic	Perennial ryegrass	S1 L1
Poseidon	Perennial ryegrass	S1 L1 G4	Trakaj	Tufted hair-grass	S4 L9
PowerPlay (LA)	Smooth-stalked meadow-grass	S2	Transate	Perennial ryegrass	S1 L1
Promotor	Perennial ryegrass	S1 L1	Tremont	Slender creeping red fescue	L4 G3
Quatro	Sheep's fescue	L6 G5	Trophy	Chewings fescue	L3 G2
Ragtime (LA)	Perennial ryegrass	S1 L1	Troville	Chewings fescue	G2
Raisa	Chewings fescue	L3 G2	Troy	Browntop bent	L7 G1
Ramona	Chewings fescue	L3 G2	Turfgold	Perennial ryegrass	S1 L1
Raymond	Chewings fescue	L3	Turner 1	Slender creeping red fescue	L4 G3
Recital (LA)	Perennial ryegrass	S1 L1	Tyee	Creeping bent	G1
Red Peak (LA)	Strong creeping red fescue	L5	Valdora	Slender creeping red fescue	L4 G3
Reggae	Slender creeping red fescue	L4 G3	Valetta (LA)	Chewings fescue	G2
Relevant	Strong creeping red fescue	L5	Venice	Perennial ryegrass	L1 G4
Reliant II	Hard Fescue	L6	Verdi	Perennial ryegrass	S1 L1
Restore (LA)	Perennial ryegrass	L1	Vermillion (LA)	Perennial ryegrass	S1 L1
RGT Nuance	Tall fescue	S3	Vesper	Velvet bent	G1
Romance	Perennial ryegrass	S1	Vesuvius	Perennial ryegrass	S1 L1
Rossinante	Strong creeping red fescue	L5 G5	Viktorka	Slender creeping red fescue	L4 G3
Ryder	Strong creeping red fescue	L5	Villa 1	Velvet bent	L7 G1
Sabrina 1	Rough stalked meadow-grass	M1	Villa 2	Velvet bent	G1
Sakura (LA)	Perennial ryegrass	L1	Vitellius	Perennial ryegrass	S1 L1
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

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## UK Agents

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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.

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### **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](mailto:info@baruk.co.uk) [www.barenbrug.co.uk](http://www.barenbrug.co.uk)

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### **G** Germinal GB Ltd

Camp Road, Witham St. Hughs  
Lincoln LN6 9QJ  
Tel 01522 868714 Fax 01522 868382  
E-mail [lincoln@germinal.com](mailto:lincoln@germinal.com)  
[www.germinal.com](http://www.germinal.com)

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### **CARN** Carneau S.A.

21 Zac Carrière Dorée BP 20008  
59358 Orchies Cedex France  
Tel 0033 320718305, Fax 0033 320616646  
E-mail: [carneau@carneau.com](mailto:carneau@carneau.com)  
[www.carneau.fr](http://www.carneau.fr)

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### **DLF/JNS** DLF/Johnsons Sports Seed

Thorn Farm, Inkberrow  
Worcestershire WR7 4LJ  
Tel 01386 793135 Fax 01386 792715  
E-mail [amenity@dlf.co.uk](mailto:amenity@dlf.co.uk)  
[www.dlf.co.uk](http://www.dlf.co.uk)

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### **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](mailto: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.

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### **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](mailto:simon.taylor@icl-group.com)  
[www.icl-group.com](http://www.icl-group.com)

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### **LMG** Limagrain UK Ltd

Rothwell, Market Rasen, Lincolnshire LN7 6DT  
Tel 01472 371471, Fax 01472 371386  
E-mail [amenity@limagrain.co.uk](mailto:amenity@limagrain.co.uk)  
[www.limagrain.co.uk/amenity](http://www.limagrain.co.uk/amenity)

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### **RT** Rigby Taylor Ltd.

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

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### **SUT** Suttons Consumer Products Ltd.

Woodview Road, Paignton  
Devon TQ4 7NG  
Tel 01803 696300  
E-mail [retail@suttons.co.uk](mailto:retail@suttons.co.uk)

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### **TG** Top Green

ZA Les Pains, 49320 Les Alleuds, France  
Tel 0033 241 689900  
Fax 0033 241 689901  
[info@tgsas.fr](mailto:info@tgsas.fr)



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## Contact Details

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### **British Society of Plant Breeders Limited (BSPB)**

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

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Tel 01353 653200  
Fax 01353 661156  
E-mail [enquiries@bspb.co.uk](mailto:enquiries@bspb.co.uk)  
[www.bspb.co.uk](http://www.bspb.co.uk)

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### **Sports Turf Research Institute (STRI)**

Bingley, West Yorkshire  
BD16 1AU

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Tel 01274 565131  
Fax 01274 561891  
E-mail [info@stri.co.uk](mailto:info@stri.co.uk)  
[www.stri.co.uk](http://www.stri.co.uk)

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