

# Turfgrasses Seed 2012

The buyers guide to  
quality amenity turfgrasses

Produced by the British Society  
of Plant Breeders Limited,  
in conjunction with the STRI

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## Introduction

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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 (Lawn 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.



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## The BSPB Amenity Committee and the STRI

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### 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.

### The STRI

The STRI is based in Bingley, West Yorkshire, but has advisory staff based throughout the UK and Ireland. It was established in 1929 by the Royal & Ancient Golf Club of St. Andrews (R&A) and the Home Golf Unions to undertake research and provide an advisory service for golf clubs. In 1951 the work of the STRI expanded to encompass all turf sports and amenity grass areas and has continued as such since that time. It is the leading independent research and technology organisation in turf research and agronomy and is recognised as a world centre of excellence in turfgrass research. The STRI has been involved since its inception in the testing and evaluation of grass cultivars for sports and amenity uses and in producing reports for end users based on the results of these trials.

The STRI is a not for profit organisation limited by guarantee, managed by a small Executive Committee consisting of representatives from major sport governing bodies. It maintains strong and close links with all governing bodies, which provide the STRI with a unique position, acting as a facilitator between governing bodies and end users.

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 2012 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 2012 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.

### **CLEANNES OF CUTTING**

Each variety is scored for cleanness of cutting. Some data shown for this characteristic in the intensive wear trials are taken from the lawn/landscaping trials.

### **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. Care should be taken when considering varieties for this characteristic as data are available only from a limited number of trials.

### 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. Some of the data in Table S2 (page 8) are from trials allowed to establish for one year before the application of wear. Current 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- 20cm) 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	Agent
Barorlando (LA)	8.6	8.5	8.5	7.2	8.5	7.7	7.5	5.7	5.5	7.7	BAR
Eurodiamond	8.2	8.0	8.1	7.7	8.0	6.6	-	2.8	5.3	5.4	DLF/JNS
Columbine	8.1	8.0	8.1	7.8	7.6	6.8	4.3	5.4	5.6	6.2	DLF/JNS/TG
Madrid	7.8	7.9	7.9	7.9	7.8	6.8	-	6.1	5.4	6.3	LMG
Eugenius (LA)	7.8	7.8	7.8	6.8	7.9	7.3	7.0	4.4	5.0	5.5	BSH
Milan	7.5	7.9	7.7	8.1	7.9	7.5	-	6.4	5.3	5.8	LMG
Chardin (LA)	7.5	7.7	7.6	6.6	7.7	8.2	8.0	5.9	5.0	5.5	DLF/JNS
Poseidon	7.8	7.4	7.6	7.2	7.5	6.5	4.4	5.5	4.9	5.6	TG
Shorty	7.5	7.6	7.5	6.7	7.1	7.2	4.4	4.3	5.3	5.4	DLF
Promotor (LA)	7.5	7.5	7.5	7.5	7.4	6.8	5.0	5.0	5.0	6.2	BSH
Cadix	7.1	7.6	7.4	7.6	7.1	7.3	5.9	5.4	5.9	5.9	BSH/CARN
Vesuvius	7.1	7.5	7.3	7.6	7.4	6.6	-	5.7	4.8	5.7	BSH
Bizet 1	7.2	7.4	7.3	7.6	6.0	6.1	5.8	6.9	5.9	6.4	DLF/JNS
Berlioz 1	7.3	7.3	7.3	6.9	7.3	6.4	-	6.2	5.8	5.6	DLF/JNS/TG
Bareuro	7.3	7.3	7.3	7.8	6.9	6.7	7.1	5.2	5.1	5.8	BAR
Carnac	7.0	7.4	7.2	7.4	6.7	6.7	6.2	6.7	6.2	5.8	BSH/CARN
Cleancut (LA)	7.1	7.3	7.2	6.9	6.8	7.1	5.5	5.1	5.3	5.9	DLF
Himalaya	7.2	7.1	7.2	7.8	7.0	6.4	-	4.1	5.6	6.1	DLF/LMG
Ligala	6.9	7.4	7.1	8.0	7.0	7.6	5.3	5.8	5.4	5.5	DLF/JNS
Melbourne	7.0	7.2	7.1	6.6	7.6	7.4	-	7.6	5.5	5.8	LMG
Churchill	7.6	6.6	7.1	6.3	6.6	5.7	6.3	5.6	8.3	5.9	DLF/INNO
Hugo 1	6.8	7.4	7.1	6.9	4.8	5.3	6.4	5.3	5.8	5.8	DLF/INNO/TG
Lucius	6.8	7.4	7.1	6.3	7.8	7.6	6.3	5.2	5.0	5.2	BSH
Vitellius	6.9	7.2	7.0	7.5	6.7	6.2	-	6.1	6.0	6.4	BSH
Romance	7.0	7.1	7.0	6.8	7.0	6.3	5.2	5.5	6.1	5.5	BAR
Barillion	7.1	7.0	7.0	6.4	7.3	6.2	6.5	6.1	5.5	6.6	BAR
Gallius	7.0	7.1	7.0	6.5	6.8	5.5	-	6.2	6.8	7.6	BSH
Action	6.9	7.1	7.0	6.0	6.0	6.0	5.6	6.2	5.4	5.4	RT/TG
Greenfair	6.9	7.1	7.0	6.5	6.6	6.5	6.2	5.9	5.6	6.2	SUT/TG
Barsignum	6.9	6.9	6.9	6.1	7.5	8.2	4.8	5.2	5.2	6.6	BAR
Busoni 1 (LA)	6.8	6.8	6.8	6.6	6.1	5.7	4.8	5.9	5.8	6.7	DLF
Mercitwo	6.8	6.9	6.8	6.6	6.4	7.2	7.3	5.5	4.9	5.4	TG
Cerotec Centurion	6.9	6.7	6.8	6.0	6.5	6.2	6.8	5.1	7.4	7.4	PGW
Advent	7.2	6.4	6.8	6.6	6.0	5.1	6.3	5.6	7.0	6.0	DLF
Bellini 1	6.7	6.8	6.8	6.3	6.2	5.9	-	5.1	5.6	5.7	DLF
Greenway	6.7	6.8	6.7	6.4	6.7	7.4	5.6	6.3	6.2	6.0	SUT/TG
Toldo (LA)	6.7	6.8	6.7	5.6	7.1	7.2	6.0	6.0	4.8	5.5	DLF
Cleopatra	6.6	6.8	6.7	7.5	6.4	5.8	-	7.1	4.7	5.5	DLF
Verdi	7.0	6.4	6.7	6.3	5.6	5.3	5.7	5.9	6.5	6.9	DLF
Fandango	6.7	6.7	6.7	7.2	6.9	6.1	-	5.9	5.9	5.7	BAR/DLF
Ponderosa	6.8	6.5	6.7	6.3	7.0	5.7	5.7	5.5	6.4	5.7	LMG
Concerto (LA)	6.5	6.8	6.7	7.4	6.0	5.0	6.4	5.7	6.3	6.1	RAGT
Ritmo (LA)	6.5	6.7	6.6	6.5	7.4	6.4	6.7	5.9	5.7	6.4	DLF/RAGT
Essence	6.8	6.4	6.6	5.5	6.9	6.5	6.1	4.6	6.2	5.5	DLF
Dickens 1	6.4	6.8	6.6	6.9	8.1	7.7	-	6.2	4.8	5.5	DLF/JNS
Greensky	6.6	6.6	6.6	6.7	6.5	6.3	-	5.9	5.3	5.2	TG
Lourega	6.6	6.6	6.6	6.2	6.8	5.1	-	7.2	6.4	6.6	HUR
Barlennium	6.7	6.5	6.6	5.6	6.4	5.7	6.5	6.4	7.7	7.8	BAR
Aberlmp	6.4	6.7	6.6	6.6	6.0	6.0	7.1	6.2	5.5	6.6	BSH
Barcedes (LA)	6.3	6.8	6.6	7.0	6.7	7.0	6.3	6.4	4.0	5.7	BAR
Margarita	6.3	6.8	6.6	6.5	6.7	6.7	5.3	5.5	6.2	6.0	DLF
Conrad 1	6.4	6.7	6.5	6.5	6.6	6.5	5.4	6.6	6.9	5.7	DLF
Bardorado	6.6	6.4	6.5	5.9	6.4	5.4	6.8	6.5	5.1	5.4	BAR



Table S1 Continued

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Cleanliness of cut	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Ragtime	6.2	6.8	6.5	6.4	5.9	5.9	6.4	6.5	6.0	6.1	DLF
Sanremo	6.3	6.7	6.5	6.1	5.3	6.2	5.3	5.8	5.9	5.4	LMG
Twyplay	6.4	6.5	6.4	6.8	6.9	7.3	7.0	5.3	5.1	5.8	DLF
Bargold	6.2	6.6	6.4	6.4	7.3	8.1	7.0	6.0	5.6	5.8	BAR
Doremi	6.1	6.7	6.4	5.8	6.7	6.0	7.0	7.0	5.5	6.7	LMG
Beatrice	6.3	6.5	6.4	6.3	6.5	6.5	-	5.3	5.4	5.3	DLF
Gator	6.2	6.6	6.4	6.0	4.9	5.1	6.0	5.5	6.1	5.1	LMG
Flamenco	6.5	6.3	6.4	6.0	6.4	6.7	-	5.4	5.7	6.0	SEED
Plaisir	6.2	6.5	6.4	6.7	5.9	6.2	6.1	6.6	5.6	6.6	EG
Stolawn	6.1	6.6	6.4	5.6	6.4	6.3	6.1	6.2	5.9	6.5	TG
Elan	6.2	6.5	6.4	6.4	5.5	4.6	6.2	6.4	4.3	4.8	DLF
Sirtaky	6.3	6.3	6.3	6.8	6.9	6.7	-	6.8	6.0	5.7	DLF
Escapade	6.1	6.5	6.3	7.3	6.5	8.4	4.4	4.5	6.0	6.1	BSH/CARN
Anouk (LA)	6.3	6.2	6.3	5.8	6.6	6.2	7.3	7.0	6.8	8.2	BAR
Platinum	6.6	5.9	6.3	5.6	5.4	5.0	6.2	5.5	7.3	6.5	DLF
Ennyo	6.3	6.2	6.3	6.9	7.2	7.2	-	5.8	4.7	5.8	LMG
AberElf	6.1	6.4	6.2	7.0	5.9	6.0	7.0	6.5	5.4	6.4	BSH
Jubilee EG	6.2	6.2	6.2	6.0	6.1	5.8	7.2	5.2	5.9	6.7	DLF
Stravinsky	6.5	5.8	6.2	5.6	6.0	4.7	5.4	6.8	8.8	8.0	DLF
Transate	6.1	6.1	6.1	5.5	6.0	6.0	-	7.3	5.7	6.1	EG
Banbury (LA)	6.1	6.2	6.1	6.0	7.0	6.4	6.3	6.6	5.8	7.1	TG
Greenglide	6.2	6.1	6.1	6.0	6.1	5.9	-	4.9	5.2	5.4	DLF
Barminton	6.1	6.1	6.1	5.7	6.1	6.0	6.7	5.1	5.6	6.3	BAR
Monaco	6.0	6.2	6.1	6.6	6.7	7.1	-	6.3	5.4	5.4	LMG
Traffic	6.1	6.1	6.1	6.5	6.1	7.3	6.1	5.2	5.1	6.3	EG
Cachemire	5.8	6.2	6.0	6.9	6.0	7.2	5.5	5.1	5.5	5.7	GGR
Sauvignon	6.1	5.9	6.0	6.5	6.2	7.2	6.7	5.6	6.1	6.0	DLF/JNS
Liromeo	5.9	6.1	6.0	6.2	6.2	5.9	-	7.3	6.5	6.8	EG
Fancy	6.2	5.7	6.0	5.2	5.2	5.5	5.7	5.8	6.8	5.7	FF
Liberio	6.0	5.9	6.0	5.5	6.7	6.8	-	5.5	6.0	6.7	DLF
Brio	6.0	5.9	5.9	5.9	5.7	6.0	6.2	6.2	6.2	6.2	EG
Barrocky	5.8	6.1	5.9	6.4	6.8	6.8	-	5.1	4.7	5.1	BAR
Ballet	5.8	6.0	5.9	6.0	5.7	6.0	6.3	5.2	5.7	5.0	RT/TG
Cassiopeia	5.8	6.0	5.9	5.8	6.8	7.0	-	6.0	5.4	6.0	DLF
Turfgold	5.8	6.0	5.9	6.5	5.7	5.1	-	6.2	6.7	7.0	WEST
Twingo	5.6	6.1	5.9	6.1	5.6	6.8	6.1	6.2	5.5	4.6	LMG
Disco	5.8	5.8	5.8	5.2	5.2	5.6	5.8	5.6	6.1	5.0	LMG
Limonica	5.8	5.8	5.8	5.8	5.4	5.2	-	6.0	7.2	7.3	EG
Lifrance	5.7	5.8	5.8	5.8	5.0	6.0	5.9	7.1	6.3	6.1	EG
Kokomo	5.6	5.8	5.7	5.3	5.0	5.0	-	6.8	8.5	8.2	DLF
Funk	5.4	5.9	5.7	6.2	6.9	6.8	6.4	5.8	5.7	5.2	SEED
Esquire	5.9	5.4	5.6	5.3	5.3	4.9	5.7	6.3	6.8	6.7	DLF
Ace	5.3	5.9	5.6	6.6	6.7	6.6	6.9	5.5	4.9	5.4	SUT/TG
Recital	5.6	5.6	5.6	5.1	6.5	6.7	6.5	7.1	6.2	6.9	SEED
Capri	5.7	5.4	5.5	5.1	5.0	5.1	5.3	6.3	6.2	5.4	DLF
Vienna	5.3	5.7	5.5	5.6	4.8	4.9	5.5	5.6	5.5	5.2	LMG
Neruda 1	5.8	5.0	5.4	5.1	4.8	5.2	5.9	7.0	9.1	7.7	DLF
Mondial	4.8	4.8	4.8	5.2	4.4	4.4	5.6	6.3	4.9	5.2	LMG
<b>New Cultivars</b>											
Monroe (LA)	8.0	8.2	8.1	7.8	8.2	8.6	5.5	6.4	5.9	6.5	DLF
Cyrena (LA)	7.6	7.7	7.6	7.4	7.7	6.9	7.0	6.4	5.0	6.3	LMG
Duparc (LA)	7.4	7.7	7.5	7.3	7.2	7.3	6.5	7.4	5.0	5.7	DLF
Enesco (LA)	7.3	7.3	7.3	6.7	7.6	7.9	5.0	6.0	5.9	6.1	DLF
Aiken (LA)	7.0	7.1	7.1	6.8	7.2	8.0	5.6	6.7	5.2	6.2	DLF
Clementine (LA)	6.8	7.0	6.9	7.0	7.3	7.9	7.8	6.0	5.3	6.0	DLF/JNS/TG

The data for disease resistance and colour come from more than one type of trial  
 - = 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 help maintain and 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	Finess of leaf	Cleanness of cut	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Double	5.5	5.1	5.3	4.4	4.7	3.9	6.1	7.8	7.4	7.7	DLF/JNS
Tetragreen	5.0	4.8	4.9	4.1	5.3	5.0	6.0	7.1	7.2	7.9	TG

Table S2

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

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Finess of leaf	Resistance to Rust	Winter greenness	Summer greenness	Agent
Sombrero	7.5	7.8	7.6	7.6	7.9	7.9	4.9	6.1	6.5	DLF/JNS
Gaudi 1	7.4	7.6	7.5	7.8	7.7	7.4	3.9	5.8	5.4	DLF/JNS
Julius	7.3	7.5	7.4	7.6	7.3	6.6	5.2	5.2	5.0	DLF
Harmonie	7.3	7.3	7.3	6.8	7.7	8.0	4.9	6.5	6.2	DLF/TG
Greenplay	7.2	7.4	7.3	7.4	7.5	7.6	4.9	6.2	6.4	TG
Bariris	7.2	7.4	7.3	7.4	7.4	7.5	4.7	6.6	6.2	BAR
Barhelene	7.2	7.3	7.2	7.4	7.7	7.7	4.9	5.6	6.3	BAR
Kaitos	7.2	7.2	7.2	7.2	7.7	7.6	5.6	6.4	6.5	DLF
Julia	7.0	7.3	7.2	7.5	6.7	6.2	5.6	6.4	6.0	BSH
Linares	7.1	7.1	7.1	6.4	7.8	7.9	6.2	5.1	5.7	EG
Limousine	6.9	7.1	7.0	7.1	7.8	6.9	4.8	6.4	5.1	DLF/JNS
Lincolnshire	6.7	7.1	6.9	7.1	6.8	7.0	4.5	6.3	5.0	DLF
Panduro	6.7	6.9	6.8	6.2	6.1	5.9	5.4	6.8	5.4	DLF
Yvette	6.7	6.7	6.7	6.1	6.9	6.5	6.9	6.8	5.5	LMG
Sandor (LA)	6.4	6.9	6.7	7.1	6.6	5.3	4.5	5.7	4.9	EG
Broadway	6.5	6.6	6.6	7.1	6.3	5.3	5.8	6.1	6.4	RT/TG
Mozart 1	6.4	6.7	6.6	6.3	6.8	6.4	6.6	5.9	4.9	DLF
Parsifal	6.2	6.5	6.4	6.6	6.7	8.1	6.6	7.3	6.2	BSH
Cocktail	6.2	6.4	6.3	6.0	7.0	7.0	6.5	5.9	5.6	LMG
Colonia (LA)	6.2	6.3	6.3	6.0	6.4	5.8	6.1	7.4	7.0	DLF
Miracle	6.2	6.1	6.2	5.6	6.2	5.7	7.1	5.5	7.1	DLF
Greenknight	6.1	6.1	6.1	6.4	5.2	4.4	5.8	6.1	6.6	RT/TG
Powerball (LA)	5.7	5.8	5.7	5.9	6.7	6.9	6.7	6.6	6.8	EG
Cynthia	5.9	5.6	5.7	5.5	6.2	6.9	5.4	5.2	5.3	LMG
Conni	5.7	5.7	5.7	6.0	6.1	6.4	5.8	5.9	6.1	DLF
Larus (LA)	5.3	5.6	5.4	5.5	5.6	5.1	6.0	5.3	7.5	SW
Limerick	5.3	5.4	5.3	5.8	6.2	6.4	6.6	5.7	5.6	EG
Evora	4.8	4.7	4.7	4.7	4.7	5.0	6.3	6.2	6.4	DLF

Table S2 Continued

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Resistance to Rust	Winter greenness	Summer greenness	Agent
Opal (LA)	4.5	4.6	4.5	4.9	5.6	6.8	5.0	5.4	5.8	SEN
Zeptor	4.4	4.6	4.5	4.6	5.0	5.4	7.1	6.3	5.0	EG
<b>New Cultivars</b>										
Joker (LA)	7.0	7.2	7.1	7.0	7.6	8.3	6.1	6.3	5.8	BSH
Niccolo (LA)	4.6	4.7	4.6	4.8	5.6	6.6	6.7	7.5	6.1	EG

The data for disease resistance and colour come from more than one type of trial

Table S3

Tall fescue (*Festuca arundinacea*)

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Winter greenness	Summer greenness	Agent
Greenbrooks	7.9	8.0	7.9	7.3	7.8	7.1	6.6	7.0	TG
Masterpiece	7.5	7.4	7.4	7.5	6.9	5.9	6.7	6.6	DLF/LMG
Debussy 1	7.4	7.4	7.4	7.3	7.3	6.8	7.0	7.2	DLF
Greendwarf	7.1	7.1	7.1	7.6	6.7	6.3	6.9	6.6	RT/TG
Barcesar	7.1	7.1	7.1	7.0	7.4	7.5	5.1	5.0	BAR
Houndog 6	6.6	6.6	6.6	5.7	6.8	7.4	7.1	6.9	DLF
Grande II	6.7	6.4	6.6	5.8	6.7	6.4	6.4	6.6	TG
Beagle 1	6.5	6.4	6.4	5.7	6.4	6.3	6.7	6.9	DLF
Greenzeal	6.4	6.4	6.4	6.0	7.0	7.5	4.4	4.3	TG
Susana	5.8	6.6	6.2	6.7	6.2	5.9	6.1	5.1	SEED
Scorpiones	6.3	6.0	6.2	6.5	6.2	6.1	5.9	6.4	TG
Barlexas II	6.0	6.2	6.1	5.9	5.9	6.3	6.7	6.9	BAR
Greenfront	6.0	6.1	6.0	5.1	6.4	6.3	6.8	6.5	TG
Cochise	6.0	5.7	5.8	5.9	5.5	5.2	6.4	5.7	DLF
Cannavaro	5.7	5.9	5.8	4.9	6.7	7.6	6.8	6.9	DLF
Zuzana (LA)	5.6	5.9	5.8	5.1	6.6	7.7	4.4	4.4	OU
Amalia	4.5	4.9	4.7	4.7	5.7	6.0	6.4	5.5	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	Agent
Barxera (LA)	6.9	7.0	7.0	7.4	6.6	6.9	6.0	5.6	5.7	BAR
Barcampia	6.8	6.9	6.8	6.7	7.0	7.0	4.7	5.5	4.6	BAR
Trakaj	6.9	6.8	6.8	6.3	6.9	6.6	6.6	5.7	6.4	EG
Voyager	5.2	5.3	5.2	5.6	5.0	5.5	6.8	7.6	7.1	RT/TG



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## 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)

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#### Applications

Professional and domestic lawns

Fairways

Cricket

Tennis courts

General landscaping

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Perennial ryegrasses are ranked in Table L1 (pages 11-13), 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	Finess of leaf	Slow regrowth	Visual merit	Mean	Resistance to Red thread	Cleanness of cut	Winter greenness	Summer greenness	Agent
Barsignum	8.1	8.6	7.5	9.0	8.3	6.2	7.3	6.2	7.0	BAR
AberSprite	8.6	7.3	8.2	8.1	8.1	6.8	7.8	6.1	7.0	BSH
Escapade	8.0	8.7	6.8	8.1	7.9	6.6	6.6	6.2	6.1	BSH/CARN
Natasha (LA)	7.9	8.5	6.6	7.8	7.7	5.1	5.9	6.2	6.4	DLF/JNS
AberImp	8.2	7.3	7.5	7.7	7.7	6.0	7.3	5.4	6.7	BSH
Bargold	7.6	8.5	6.6	7.7	7.6	6.6	6.8	5.5	6.0	BAR
Dickens 1	8.0	7.8	6.1	8.2	7.5	6.9	5.7	5.9	5.6	DLF/JNS
Pretoria	7.5	8.0	7.3	7.0	7.5	5.0	7.7	5.2	6.3	LMG
Ennyo	7.5	7.4	7.1	7.6	7.4	5.8	5.6	5.4	6.1	LMG
Malibu	7.3	8.1	6.3	7.4	7.3	4.6	6.5	5.5	6.3	LMG
Venice	7.7	7.6	6.5	7.4	7.3	8.5	6.9	4.7	5.7	LMG
Dylan	7.2	7.6	6.7	7.7	7.3	8.0	7.2	5.6	6.4	DLF/TG
Melbourne	7.7	7.6	6.1	7.6	7.2	5.6	7.2	5.1	6.3	LMG
Sirtaky	8.0	7.0	6.0	7.7	7.2	7.0	6.6	5.8	5.4	DLF
Carnac	8.0	7.1	6.2	7.1	7.1	6.4	5.8	6.2	6.1	BSH/CARN
Libero	7.5	7.5	6.1	7.3	7.1	4.3	6.1	6.4	6.8	DLF
Mercitwo	7.1	7.2	6.6	7.2	7.1	6.4	8.3	4.6	5.7	TG
Madrid	7.2	6.7	7.1	7.2	7.0	4.1	5.8	6.2	5.8	LMG
Vesuvius	7.7	7.2	5.3	7.9	7.0	6.4	7.0	5.4	5.8	BSH
Ligala	7.2	7.4	6.0	7.4	7.0	5.8	4.5	5.5	5.3	DLF/JNS
Cachemire	7.3	7.3	5.9	7.3	7.0	5.7	6.8	6.0	6.2	GGR
Cassiopeia	7.1	7.4	6.2	7.1	7.0	6.1	5.8	6.2	5.7	DLF
Sauvignon	7.5	7.7	5.5	6.9	6.9	5.2	6.1	6.0	6.0	DLF/JNS
Conrad 1	7.0	7.5	6.1	7.0	6.9	6.4	5.2	7.1	5.8	DLF
Flamenco	7.7	6.7	5.7	7.5	6.9	6.2	6.6	5.9	5.6	SEED
Funk	7.2	7.0	6.3	6.9	6.9	6.6	6.2	5.4	5.5	SEED
Eurodiamond	6.7	7.1	6.4	7.1	6.8	4.9	4.5	5.9	5.8	DLF/JNS
Monaco	7.0	7.6	5.6	7.0	6.8	5.7	7.2	5.6	5.0	LMG
Cleopatra	6.9	6.4	7.0	6.9	6.8	6.2	6.4	5.2	5.9	DLF
Evita	7.1	7.4	5.5	7.2	6.8	6.0	4.8	6.3	5.8	DLF
Himalaya	7.1	6.9	5.8	7.3	6.8	4.5	7.2	5.6	6.5	DLF/LMG
AberElf	7.1	6.7	6.1	7.3	6.8	6.6	7.3	5.3	6.9	BSH
Bareuro	6.9	7.1	6.4	6.7	6.8	5.8	7.1	5.0	5.9	BAR
Barrocky	7.1	7.5	5.3	7.2	6.8	6.5	7.8	5.1	5.7	BAR
Fandango	7.2	6.2	6.5	7.2	6.8	6.3	7.0	6.4	5.3	BAR/DLF
Ace	6.9	7.2	6.4	6.5	6.8	5.3	7.0	4.7	5.8	SUT/TG
Greenway	6.8	7.2	6.2	6.8	6.8	5.8	5.9	5.9	6.2	SUT/TG
Margarita	6.7	7.4	5.7	7.1	6.7	5.1	5.6	6.2	6.0	DLF
Greensky	7.0	6.8	6.4	6.6	6.7	5.7	6.3	5.6	5.0	TG
Beatrice	6.7	6.6	6.5	6.9	6.7	6.0	7.1	5.5	5.9	DLF
Milan	6.8	6.9	5.8	7.1	6.6	4.3	7.7	5.9	5.2	LMG
Berlioz 1	6.8	6.6	6.3	6.9	6.6	5.6	5.7	6.0	5.6	DLF/JNS/TG
Liromeo	7.0	6.3	5.7	7.5	6.6	7.4	7.1	7.0	7.0	EG
Bellevue	6.7	6.8	6.3	6.6	6.6	6.1	6.5	6.2	5.6	FF
Lucius	6.7	6.9	6.2	6.5	6.6	5.0	6.4	5.4	5.5	BSH
Vitellius	6.8	6.0	6.2	7.2	6.6	6.4	6.1	6.0	6.3	BSH
Greenfair	6.5	6.7	6.3	6.7	6.5	6.1	6.2	5.9	6.3	SUT/TG
Regane (LA)	6.9	6.8	5.6	6.7	6.5	6.2	7.1	6.5	7.1	EG
Lourega	6.9	5.6	6.3	7.0	6.5	7.6	5.1	6.8	6.7	HUR
Transate	6.7	6.0	6.1	7.0	6.4	7.0	6.1	6.3	6.1	EG
Pontiac	6.6	5.5	7.8	5.9	6.4	5.1	6.7	4.5	6.2	LMG
Recital	6.6	6.3	6.7	6.1	6.4	7.0	6.2	6.1	7.1	SEED
Bartwingo	6.4	6.7	6.3	6.2	6.4	5.9	7.6	4.9	6.0	BAR



Table L1 Continued

	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Resistance to Red thread	Cleaness of cut	Winter greenness	Summer greenness	Agent
Frontliner	6.7	6.7	5.4	6.8	6.4	6.6	6.1	5.0	6.0	DLF/EG
Plaisir	6.5	6.7	5.8	6.6	6.4	7.0	6.6	5.7	6.8	EG
Columbine	6.4	6.3	6.0	6.8	6.4	6.0	5.7	6.0	5.5	DLF/TG
Barsandra	6.9	7.2	5.2	6.2	6.4	5.5	7.2	6.0	4.8	BAR
Twypplay	6.1	7.6	6.1	5.7	6.4	3.7	7.3	5.1	6.0	DLF
Barlennium	6.2	5.3	7.8	6.0	6.3	6.3	6.2	7.8	7.6	BAR
Tophat 2	6.0	5.5	7.5	6.4	6.3	6.2	6.5	8.2	8.4	DLF
Ceretec Centurion	6.5	5.4	7.1	6.4	6.3	6.2	5.5	7.0	7.0	PGW
Cadix	6.2	6.9	6.2	5.9	6.3	5.3	5.7	5.8	5.6	BSH/CARN
Turfgold	6.2	5.4	7.2	6.4	6.3	5.7	5.8	6.4	6.2	WEST
Passion	6.8	6.3	5.5	6.6	6.3	7.2	6.0	6.2	5.7	DLF
Galatti	5.6	5.7	7.8	5.9	6.3	5.6	7.4	8.2	8.4	DLF
Bellini 1	6.3	6.1	6.1	6.6	6.3	5.9	5.0	5.7	5.4	DLF
Bareine	5.8	7.0	6.6	5.6	6.2	4.4	6.4	4.4	4.8	BAR
Libronco	5.9	5.9	7.4	5.6	6.2	6.5	6.2	7.2	6.8	EG
Barminton	6.1	6.1	6.5	6.2	6.2	5.3	6.5	5.2	6.3	BAR
Amadeus	6.0	6.5	6.3	6.0	6.2	6.9	6.3	6.3	6.5	LMG
Ritmo (LA)	6.3	5.9	6.2	6.4	6.2	6.1	6.5	5.5	6.3	DLF/RAGT
Ragtime	6.4	6.0	5.6	6.6	6.2	5.8	6.3	5.7	6.4	DLF
Applaude	6.2	5.5	6.8	6.2	6.2	6.3	6.4	8.1	8.1	RT/TG
Lifrance	5.5	6.8	6.4	5.9	6.2	7.0	5.7	6.0	5.7	EG
Ballet	5.7	6.1	6.7	6.1	6.1	5.2	6.3	5.8	5.2	RT/TG
Stravinsky	6.5	4.8	7.0	6.2	6.1	6.7	5.6	8.9	8.2	DLF
Kokomo	5.8	5.3	7.1	6.4	6.1	6.7	6.7	8.5	8.0	DLF
Blazer 4	6.0	5.3	6.9	6.2	6.1	6.4	5.8	7.9	8.0	RAGT
Neruda 1	6.2	5.6	6.3	6.2	6.1	7.2	6.1	9.4	8.0	DLF
Action	6.1	6.6	5.2	6.4	6.1	6.9	5.7	5.1	5.5	RT/TG
Brio	6.4	6.3	5.3	6.4	6.1	6.1	6.0	6.2	6.5	EG
Esquire	6.0	5.2	7.4	5.7	6.1	6.4	5.7	6.8	7.0	DLF
Limonica	6.0	5.4	6.4	6.4	6.0	5.4	6.2	7.7	7.4	EG
Forever	5.8	4.9	7.3	6.0	6.0	7.6	6.4	8.1	8.3	DLF
Busoni 1 (LA)	6.3	5.7	5.6	6.2	5.9	5.8	5.1	6.2	5.9	DLF
Twingo	5.7	6.1	5.9	5.9	5.9	5.5	5.9	5.2	4.9	LMG
Greenglide	6.6	6.0	4.7	6.3	5.9	5.4	6.4	5.6	5.6	DLF
Bizet 1	6.0	5.8	5.3	6.4	5.9	6.8	5.5	5.7	6.5	DLF/JNS
Essence	5.8	6.5	5.7	5.5	5.9	4.3	5.9	5.9	5.4	DLF
Platinum	5.6	6.1	6.4	5.2	5.8	5.5	6.1	7.1	6.1	DLF
Ponderosa	5.6	6.2	6.4	5.2	5.8	4.8	5.5	6.1	5.9	LMG
Doremi	5.6	5.2	6.0	6.1	5.7	6.9	6.8	5.2	6.9	LMG
Advent	5.5	5.2	6.8	5.2	5.7	5.6	5.8	6.9	5.6	DLF
Concerto (LA)	5.8	5.2	5.6	5.9	5.6	5.8	5.8	6.2	5.7	RAGT
Disco	5.4	5.4	5.2	5.8	5.5	5.5	5.6	5.9	5.2	LMG
Sanremo	5.1	5.5	5.3	5.8	5.4	6.1	5.0	5.6	5.5	LMG
Eterlou	5.2	5.1	6.4	4.9	5.4	6.2	5.4	6.3	6.9	EG
Verdi	5.4	5.1	6.0	5.1	5.4	5.8	5.8	6.5	6.5	DLF/JNS/RAGT
Vienna	5.2	5.4	5.2	5.5	5.3	5.8	5.2	5.2	5.2	LMG
Gator	4.7	5.0	6.7	4.8	5.3	5.0	6.1	5.7	5.2	LMG
Taya	4.8	5.0	5.4	5.0	5.1	6.1	5.7	4.9	5.3	DLF
Capri	4.7	5.0	5.0	5.1	4.9	6.7	4.5	6.1	5.4	DLF
Mondial	4.6	4.7	4.8	4.8	4.7	5.6	5.6	4.6	5.4	LMG

## New Cultivars

Clementine (LA)	8.8	8.3	6.9	8.2	8.1	6.5	8.6	5.5	6.1	DLF/JNS/TG
Monroe (LA)	8.4	8.2	6.6	8.5	7.9	6.1	7.5	6.1	6.3	DLF/JNS
Chardin (LA)	7.9	8.5	6.7	8.4	7.9	8.4	7.8	5.2	5.5	DLF/JNS
Enesco (LA)	8.2	7.1	7.7	7.9	7.7	5.3	6.8	6.2	5.8	DLF
Toldo (LA)	7.6	7.9	6.4	7.8	7.5	6.3	6.3	5.2	5.6	DLF
Poseidon	7.3	6.9	7.0	7.3	7.2	5.0	6.3	5.0	5.2	TG
Menuet (LA)	7.4	7.0	6.8	7.4	7.1	6.6	5.3	5.4	5.1	DLF
Traffic	7.5	7.0	6.4	7.4	7.1	5.5	7.0	5.4	5.9	EG
Banbury (LA)	8.1	6.3	6.5	7.3	7.1	6.3	6.5	6.4	7.1	TG

Table L1 Continued

	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Resistance to Red thread	Cleanliness of cut	Winter greenness	Summer greenness	Agent
Promotor (LA)	7.1	7.0	6.4	7.1	6.9	6.1	6.7	5.1	5.8	BSH
Cyrena (LA)	7.2	6.9	6.0	7.5	6.9	4.8	6.6	5.4	5.7	LMG
Anouk (LA)	7.4	5.6	7.2	7.1	6.8	8.4	7.8	6.9	7.8	BAR
Farniente (LA)	7.7	6.8	5.3	7.5	6.8	5.8	6.2	6.2	6.2	EG
Sphere (LA)	7.2	6.6	6.4	7.1	6.8	7.2	6.6	6.7	6.0	EG
Cleancut (LA)	6.9	7.0	6.3	6.8	6.8	6.7	5.9	5.4	6.1	DLF
Barcedes (LA)	6.7	6.7	7.1	6.4	6.7	7.3	8.6	4.1	5.1	BAR
Stolawn	7.1	5.9	5.9	7.0	6.5	5.8	5.2	5.8	6.0	TG
Eugenius (LA)	7.1	6.7	4.4	7.2	6.4	6.0	6.1	5.3	5.9	BSH

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	Agent
Kaitos	7.8	7.7	7.6	7.6	7.7	5.8	5.9	4.7	DLF/JNS
Sombrero	7.9	7.6	7.0	7.6	7.5	5.7	5.7	4.8	DLF/JNS
Greenplay	7.9	7.7	6.2	7.7	7.4	6.3	5.8	4.8	TG
Lincolnshire	8.0	7.2	6.0	8.1	7.3	4.7	7.2	5.8	DLF/JNS
Linares	8.0	7.8	5.7	7.8	7.3	6.3	5.9	4.9	EG
Gaudi 1	7.7	7.5	6.7	7.3	7.3	5.4	5.9	4.7	DLF/JNS
Limousine	8.0	7.5	5.6	7.6	7.2	5.5	6.4	5.2	DLF/JNS
Yvette	7.3	7.1	6.2	7.4	7.0	7.3	6.7	5.4	LMG
Julius	7.9	6.9	5.4	7.4	6.9	5.7	6.8	4.7	DLF
Parsifal	6.9	7.3	6.4	6.9	6.9	6.6	6.5	5.2	BSH
Cocktail	6.9	7.0	5.8	7.4	6.8	6.9	6.6	6.3	LMG
Mozart 1	7.1	7.1	5.4	7.1	6.7	6.9	5.7	5.1	DLF
Miracle	6.5	6.3	6.3	6.5	6.4	7.3	6.0	7.1	DLF
Conni	6.4	6.0	5.8	6.8	6.2	5.8	5.9	6.4	DLF
Cynthia	5.7	6.9	5.6	6.0	6.0	5.1	6.1	5.7	LMG
Julia	5.9	6.1	5.7	6.0	5.9	6.2	6.3	5.5	BSH
Sandor (LA)	5.9	5.6	5.9	5.8	5.8	3.3	5.6	5.2	EG
Bariris	6.1	6.3	4.8	5.9	5.8	6.0	4.3	5.3	BAR
Greenknight	5.5	5.6	5.8	5.8	5.7	5.4	6.2	6.8	RT/TG
Broadway	6.2	5.2	4.8	6.5	5.7	6.1	6.2	6.6	RT/TG
Limerick	5.9	5.9	4.7	5.9	5.6	6.6	5.9	5.7	EG
Panduro	5.8	5.9	5.3	5.3	5.6	6.1	5.9	5.4	DLF
Opal (LA)	5.3	6.4	5.6	4.8	5.5	3.6	5.2	5.9	SEN
Evora	4.4	4.0	4.4	4.7	4.4	4.8	5.1	7.0	DLF

## New Cultivars

Barhelene	7.8	7.6	6.1	7.2	7.2	6.8	5.1	4.4	BAR
Zeptor	6.4	6.3	7.9	5.9	6.6	6.3	5.0	6.2	EG
Powerball (LA)	6.4	6.6	7.3	6.0	6.6	6.3	5.7	6.2	EG

## 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	Agent
Musica	8.1	8.0	8.0	6.2	6.3	8.8	DLF/JNS
Greenmile	7.6	7.5	7.6	6.5	7.3	6.0	DLF
Blenheim	7.4	7.5	7.5	6.6	6.6	5.6	DLF
Carioca	7.2	7.4	7.3	6.3	6.1	5.9	DLF/JNS
Dorianna	7.0	7.5	7.2	7.6	7.1	5.8	BSH
Greensleeves	7.0	7.5	7.2	7.1	6.1	5.6	RT/TG
Florasol	7.3	7.1	7.2	7.0	5.8	3.5	DLF
Troville	6.9	7.3	7.1	7.0	6.4	4.7	DLF
Bargreen II	7.2	6.8	7.0	5.9	5.1	5.0	BAR
Barswing	7.1	6.9	7.0	7.9	6.5	5.2	BAR
Maritza	7.0	6.8	6.9	6.4	5.5	5.2	LMG
Eurocrown	6.8	6.8	6.8	6.4	5.6	5.2	EG
Charme	6.9	6.7	6.8	5.4	5.0	5.2	EG
Luisa	6.8	6.5	6.7	5.5	7.0	7.3	BSH
Rosetti 1	6.6	6.7	6.7	6.1	5.1	4.1	DLF
Raisa	6.9	6.4	6.6	5.6	6.1	5.5	BSH
Wagner 1	6.6	6.6	6.6	5.8	6.7	6.6	DLF
Mirjana	6.6	6.6	6.6	6.2	5.6	5.8	DLF
Monuela	6.7	6.4	6.6	6.9	5.8	7.7	LMG
Greenscoop	6.5	6.4	6.5	6.5	6.1	5.2	TG
Nadia	6.4	6.5	6.5	6.4	5.2	6.1	SW
Barbirdie	6.4	6.4	6.4	5.5	6.3	5.3	BAR
Calliope	6.7	6.0	6.4	5.4	4.3	6.4	TG/DLF
Bargreen	6.3	6.4	6.4	7.4	5.8	6.3	BAR
Margret	6.4	6.4	6.4	7.2	4.3	5.9	LMG
Lichampion	6.4	6.3	6.3	5.9	5.3	6.5	EG
Belleaire	6.1	6.5	6.3	4.5	6.8	7.1	TG
Trophy	5.7	6.7	6.2	7.0	5.3	6.5	DLF
Excellence	6.2	6.2	6.2	5.0	5.6	5.6	EG
Capriccio	6.1	6.0	6.1	6.2	5.2	6.1	DLF
Olivia	6.2	5.9	6.0	4.9	5.2	6.2	EG
Liroyal	5.5	6.5	6.0	6.2	7.5	6.6	EG
Livista	6.5	5.4	6.0	6.7	4.2	6.3	EG
Lucinda	5.8	5.6	5.7	6.5	5.7	6.3	EG
Raymond	4.6	5.0	4.8	6.0	7.2	5.9	LMG

#### New Cultivars

Barlineus (LA)	7.8	7.3	7.5	8.3	6.8	4.6	BAR
Joanna (LA)	7.1	7.2	7.2	5.2	6.6	7.5	BSH
Brahms (LA)	6.7	7.2	7.0	6.2	6.8	5.5	DLF
Mission (LA)	6.9	6.9	6.9	5.9	6.3	7.3	DLF
Nikky	6.3	6.4	6.4	5.0	5.9	5.3	LMG

## 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	Agent
Barcrown	7.8	7.5	7.7	8.4	6.0	6.7	BAR
Cezanne	7.5	7.6	7.5	6.3	6.6	6.7	DLF/JNS
Finesto	7.2	7.4	7.3	5.9	5.6	5.8	DLF/JNS
Barpearl	7.2	7.3	7.3	7.9	6.5	6.2	BAR
Valdora	7.1	7.3	7.2	6.3	5.5	6.3	DLF
Javelin	6.6	7.2	6.9	7.8	5.6	6.1	EG
Corsaire	6.7	7.1	6.9	7.0	6.4	5.8	LMG
Barmalia	6.7	7.1	6.9	7.5	5.8	4.5	BAR
Mocassin	6.7	6.9	6.8	7.3	6.4	5.7	LMG
AberCharm	6.9	6.6	6.7	6.2	8.1	8.1	BSH
Turner 1	6.8	6.6	6.7	5.8	5.6	7.1	TG
Amalfi	6.7	6.7	6.7	5.8	6.3	7.1	DLF
Libeauty (LA)	6.7	6.5	6.6	7.6	7.4	7.7	EG
Amarone	6.4	6.6	6.5	7.1	6.6	5.8	DLF
Carousel	6.3	6.7	6.5	5.6	6.1	5.8	LMG
Musette	6.3	6.7	6.5	4.8	7.1	6.8	DLF
Pinafore	6.4	6.6	6.5	6.6	7.5	7.1	DLF
Toucan	6.3	6.4	6.3	5.4	5.8	6.4	LMG
Euromaster	6.5	6.0	6.2	6.6	4.2	4.7	EG
Paganini 1	5.9	6.3	6.1	5.4	6.3	5.7	DLF
Helena	6.1	5.8	6.0	4.9	5.0	5.1	RT/TG
Reggae	6.2	5.7	5.9	4.4	6.3	6.0	DLF
Count	6.4	5.5	5.9	6.5	4.2	4.1	BSH
Smirna	5.5	5.6	5.6	6.2	5.4	5.4	LMG
Samanta	5.1	5.3	5.2	5.3	5.0	5.3	DLF
Libano	5.2	5.2	5.2	5.1	5.6	5.6	EG
Lovisa	4.5	4.6	4.6	4.8	4.6	5.0	SEN
<b>New Cultivars</b>							
Viktorka	8.3	7.8	8.0	8.6	5.9	7.9	BAR
Barprince	7.7	7.7	7.7	7.6	4.8	5.6	BAR
Montjeu (LA)	7.7	7.4	7.5	7.7	6.5	7.5	FF
Borluna	7.7	7.3	7.5	5.5	7.5	7.2	BSH
Isolde (LA)	7.5	7.5	7.5	6.2	7.3	6.3	DLF
Borsimo (LA)	7.2	7.2	7.2	7.3	5.8	5.7	BSH
Corrida (LA)	6.8	6.6	6.7	5.7	6.1	8.2	LMG
Mezzoforte (LA)	6.3	6.5	6.4	5.3	6.9	6.9	EG
Carmania	6.2	6.2	6.2	5.1	6.2	5.4	CARN
Josephine (LA)	5.9	6.0	5.9	4.4	7.2	5.7	BSH

## 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	Agent
Greenvie	6.3	6.2	6.2	6.0	5.9	5.8	TG
Rossinante	6.2	6.2	6.2	5.9	6.5	6.5	DLF/JNS
Bossanova	5.9	5.8	5.8	5.5	7.1	5.8	BAR
Salsa (LA)	5.7	6.0	5.8	5.5	6.6	6.2	BAR
Greencard	5.8	5.8	5.8	5.1	6.2	5.7	TG
Carmaniole	5.9	5.6	5.7	6.0	7.5	6.7	CARN
Chopin	5.8	5.7	5.7	3.8	7.0	6.1	DLF
Ryder	5.8	5.5	5.7	5.2	6.6	6.8	EG
Lisamba	5.6	5.6	5.6	4.5	7.0	8.2	EG
Hightower	5.7	5.5	5.6	3.9	4.3	8.5	EG
Swing	5.7	5.4	5.6	4.8	6.1	5.7	RAGT
Anthony (LA)	5.6	5.5	5.6	4.4	6.2	5.8	LMG
Cabarette	5.5	5.5	5.5	3.2	6.6	5.5	CARN
Heidrun	5.6	5.4	5.5	5.1	6.1	6.0	LMG
Clemens (LA)	5.3	5.5	5.4	4.2	5.9	5.7	DLF
Polka	5.2	5.3	5.3	5.1	6.6	6.4	SEED
Camilla	4.9	5.2	5.1	5.6	7.5	6.4	EG
Litango	5.1	5.0	5.0	4.2	5.7	6.6	EG
Aniset	5.0	5.0	5.0	4.3	5.6	5.8	DLF
Jasperina	4.9	5.0	5.0	4.0	5.5	6.3	EG
Fashion	5.1	4.8	5.0	3.7	6.6	6.0	EG
Herald	4.9	5.0	4.9	4.4	6.0	5.9	DLF
Barustic	4.6	4.7	4.7	4.0	5.4	5.9	BAR
Relevant	4.6	4.4	4.5	5.2	5.8	6.0	EG
Agnetha	4.5	4.4	4.5	4.0	6.5	8.6	EG
Corail	4.5	4.4	4.5	4.8	5.6	6.0	LMG/DLF
Mystic	4.4	4.5	4.5	5.4	6.3	6.1	SUT/TG
Rumba (LA)	4.2	4.5	4.3	4.7	6.1	4.9	BAR
Livision	4.3	4.3	4.3	3.6	5.8	6.4	EG
Lambada	4.2	4.3	4.3	5.5	4.5	5.9	RAGT
Felix	4.2	4.2	4.2	5.1	6.2	5.4	LMG
Maxima 1	4.0	4.1	4.1	5.1	6.9	5.8	DLF
Franklin	3.8	3.8	3.8	5.1	4.8	5.8	LMG
Boreal	3.4	3.6	3.5	4.5	4.1	4.5	Fa*
<b>New Cultivars</b>							
Greencrown (LA)	5.8	5.8	5.8	4.4	5.4	6.0	DLF
Magitte (LA)	5.6	5.7	5.7	4.2	7.8	6.9	BSH
Sergei	5.6	5.6	5.6	5.5	6.6	5.9	DLF/BAR
Dipper	4.5	4.5	4.5	4.7	7.1	6.0	EG

\*Freely available



## Series L

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

### Table L6

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

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
<b>Hard fescue (<i>Festuca longifolia</i>)</b>							
Manetto	7.5	7.2	7.3	6.2	6.9	6.7	DLF/JNS
Crystal	7.5	6.9	7.2	6.6	6.7	6.4	LMG
Hardtop	7.0	6.8	6.9	6.5	6.9	5.9	BAR
Dumas 1	6.3	6.5	6.4	5.5	6.4	5.9	DLF
Mentor	5.9	6.1	6.0	6.0	6.1	6.0	BSH
Cantona	6.0	6.0	6.0	5.4	6.2	5.4	DLF
Nordic	5.5	5.7	5.6	6.6	6.6	6.1	DLF
<b>New Cultivars</b>							
Reliant II	6.2	6.9	6.6	6.1	4.7	6.6	SEED
<b>Fine-leaved sheep's fescue (<i>Festuca tenuifolia</i>)</b>							
Barok	7.6	5.2	6.4	4.6	4.7	4.0	BAR
<b>Sheep's fescue (<i>Festuca ovina</i>)</b>							
Quatro	8.5	7.5	8.0	7.8	8.1	6.8	DLF/JNS
AberFleece	7.9	6.7	7.3	5.2	6.4	6.9	BSH

### Table L7

Bentgrasses (*Agrostis* spp.)

Cultivar	Shoot density	Fineness of leaf	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
<b>Browntop bent (<i>Agrostis capillaris</i>)</b>								
BarkKing	7.3	7.2	7.8	7.4	5.8	7.4	5.7	BAR
Ambition	7.0	6.9	7.8	7.2	4.8	6.5	5.0	LMG
Heriot	6.8	6.6	7.4	6.9	5.5	6.9	6.4	BAR
Troy	6.7	6.7	7.2	6.9	6.3	6.5	6.2	FF
Greenspeed	6.6	6.5	7.2	6.8	4.8	7.0	6.1	TG
Jorvik	6.7	6.8	6.7	6.8	4.7	5.7	6.6	DLF
Greentime (LA)	6.5	6.1	7.4	6.7	5.8	6.2	8.3	DLF
Manor	6.4	6.5	7.1	6.7	4.8	7.1	6.4	DLF/JNS
Mandolin	6.3	7.2	6.4	6.6	5.9	5.2	6.2	LMG
Egmont	6.3	6.5	6.8	6.5	5.9	7.2	6.4	TG
Denso	6.3	6.6	6.6	6.5	6.5	5.6	7.2	DLF
Sefton	6.0	6.5	6.9	6.4	4.9	7.2	5.8	LMG
Egmonttwo	6.2	6.1	6.9	6.4	5.1	6.3	5.9	TG
Arletta	5.6	6.7	6.9	6.4	5.0	6.6	5.5	LMG
Lance	6.0	6.2	6.8	6.3	5.4	7.3	6.0	ATR
Tiger Nova	6.2	6.2	6.5	6.3	5.9	5.5	7.1	DLF
Ambrosia	5.8	6.5	6.3	6.2	6.3	5.5	5.9	TG
Orient (LA)	5.5	5.5	6.7	5.9	6.0	7.2	5.7	EG
<b>New Cultivars</b>								
AberRegal (LA)	7.8	7.4	7.9	7.7	4.9	7.5	7.3	BSH

Table L7 Continued

	Shoot density	Fineness of leaf	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
<b>Highland bent (<i>Agrostis castellana</i>)</b>								
Highland	4.6	4.7	4.9	4.7	4.9	8.6	4.5	Fa*
<b>Velvet bent (<i>Agrostis canina</i>)</b>								
Villa 1	9.3	8.8	7.7	8.6	5.2	6.6	8.4	DLF
Avalon	8.9	8.3	8.4	8.5	4.4	7.2	8.2	BSH
<b>Creeping bent (<i>Agrostis stolonifera</i>)</b>								
Runner (LA)	7.0	6.8	6.6	6.8	6.3	5.0	6.1	TG
Penn A-1	5.8	5.7	5.6	5.7	6.6	4.9	5.5	EVER
Penn A-4	5.8	5.5	5.7	5.7	6.9	5.3	5.5	EVER
Providence	5.8	5.2	5.4	5.5	6.6	5.4	5.2	BSH
Bueno (18th G)	6.3	5.1	4.8	5.4	5.6	4.3	6.5	RT/TG

\*Freely available

Table L8

Tall fescue (*Festuca arundinacea*)

Cultivar	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Winter greenness	Summer greenness	Agent
Barcesar	7.1	7.8	6.2	7.2	7.1	6.3	5.5	BAR
Debussy 1	7.2	6.7	6.6	7.3	6.9	7.5	7.6	DLF/JNS
Beagle 1	7.0	7.0	6.3	7.2	6.9	6.9	7.5	DLF
Masterpiece	6.2	6.4	7.3	7.0	6.7	6.7	7.2	LMG/DLF/JNS
Greendwarf	6.6	6.1	7.0	7.0	6.7	7.1	6.8	RT/TG
Greenfront	6.7	6.8	6.2	6.9	6.6	7.3	6.9	TG
Barlexas II	6.5	6.5	7.1	6.4	6.6	6.5	7.1	BAR
Meandre	6.5	6.7	6.4	6.7	6.6	5.6	6.2	EG
Divyna	6.8	6.4	6.1	6.5	6.5	5.3	5.2	EG
Barleroy	6.0	6.7	6.1	6.1	6.2	6.3	6.0	BAR
Amalia	6.5	5.9	5.7	6.7	6.2	6.2	5.5	DLF/JNS
Greenzeal	6.0	7.0	5.0	6.3	6.1	5.8	4.7	TG
Susana	5.9	6.1	5.4	6.2	5.9	5.7	5.3	SEED
Starlett	5.8	5.8	6.0	6.0	5.9	6.7	6.5	DLF
Cochise	5.6	5.1	5.9	5.1	5.4	6.6	5.9	DLF
<b>New Cultivars</b>								
Cannavaro	8.0	8.0	7.1	7.8	7.7	7.4	7.3	DLF/JNS
Hounddog 6	7.2	6.8	7.8	7.6	7.4	8.0	7.4	DLF
Greenbrooks	7.6	6.9	7.0	7.9	7.3	7.4	7.3	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	Agent
Barcampisia	8.0	8.0	8.2	5.1	7.3	4.3	7.0	4.6	BAR
Trakaj	6.9	6.2	6.8	6.6	6.6	5.6	4.5	6.1	EG
Voyager	4.9	5.1	5.1	6.6	5.4	5.7	6.9	6.9	RT/TG
<b>New Cultivars</b>									
Barxera (LA)	6.4	5.5	6.3	6.9	6.3	6.3	4.3	4.6	BAR
Candela	6.0	6.6	5.8	5.9	6.1	5.5	6.1	6.3	DLF

### 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)

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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 the 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 (4 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	Agent
<b>Browntop bent (<i>Agrostis capillaris</i>)</b>								
Manor	7.1	7.1	7.1	6.7	5.6	6.2	6.3	DLF/JNS
BarKing	6.8	7.4	7.1	6.7	5.9	7.0	6.1	BAR
AberRegal (LA)	6.8	7.1	7.0	6.4	6.3	6.9	6.9	BSH
Heriot	6.7	7.1	6.9	6.9	5.6	6.5	6.3	BAR
AberRoyal	6.6	7.1	6.9	7.0	5.8	7.5	6.7	BSH
Greenspeed	6.7	6.9	6.8	6.7	6.0	6.1	6.1	TG
Sefton	6.7	7.0	6.8	7.0	5.0	5.9	5.3	LMG
Egmont	6.7	6.8	6.8	6.4	6.2	6.9	6.5	TG
Troy	6.7	6.8	6.8	6.3	6.6	5.7	6.3	FF
Jorvik	6.7	6.7	6.7	6.5	5.0	6.2	6.9	DLF
Egmontwo	6.6	6.7	6.6	6.7	5.9	5.8	5.9	TG
Ambition	6.5	6.6	6.5	6.5	6.5	4.3	4.4	LMG
Denso	6.2	6.4	6.3	6.1	6.4	6.0	7.0	DLF
Tiger Nova	6.0	6.3	6.2	5.6	6.2	6.3	7.1	DLF
Greentime (LA)	6.0	6.3	6.2	5.2	6.3	6.8	8.8	DLF
Polana	5.9	6.4	6.1	5.4	6.5	6.0	6.4	DLF
Arletta	5.8	6.3	6.0	7.5	5.0	7.0	5.5	LMG
Lance	5.9	6.1	6.0	5.7	6.0	6.8	6.3	ATR
Vitek (LA)	5.7	6.0	5.9	6.2	6.3	6.5	7.5	OU
Mandolin	6.0	5.6	5.8	6.6	6.1	4.7	6.4	LMG
Orient (LA)	5.1	6.1	5.6	4.9	6.0	7.6	5.7	EG
Tracentia	5.3	5.5	5.4	5.5	5.5	5.9	7.2	LMG
Ambrosia	5.3	5.4	5.4	5.7	6.3	5.6	6.1	TG
<b>Velvet bent (<i>Agrostis canina</i>)</b>								
Vesper	9.0	8.3	8.6	8.5	4.3	6.3	8.2	BSH
Villa 2	8.5	8.3	8.4	8.5	3.7	4.6	7.4	DLF/JNS
Villa 1	8.6	7.7	8.1	7.8	3.8	5.5	7.7	DLF/JNS
Avalon	8.3	7.6	8.0	8.2	4.0	6.5	7.9	BSH
<b>Creeping bent (<i>Agrostis stolonifera</i>)</b>								
Cobra nova	7.1	7.3	7.2	7.0	6.2	6.8	6.3	DLF/JNS
OO7 DSB (LA)	6.9	7.1	7.0	6.9	6.1	6.4	5.6	BSH
Independence 1	6.8	7.0	6.9	6.3	6.0	5.7	5.7	DLF/JNS
CY2	6.8	7.0	6.9	6.0	5.9	5.7	5.0	DLF
Runner (LA)	6.9	6.7	6.8	6.7	6.3	5.7	5.5	TG
Tyee	6.6	6.5	6.5	6.2	6.3	6.0	5.6	BSH
Penn G-6	6.5	6.3	6.4	6.1	6.6	6.6	6.4	EVER
Penn A-1	6.3	6.3	6.3	6.1	6.4	6.3	5.7	EVER
Penn A-4	6.1	6.0	6.1	6.4	6.3	6.0	5.7	EVER
SR 1119	5.8	5.9	5.8	4.8	7.4	5.5	5.8	BSH
Providence	5.6	5.6	5.6	5.3	6.4	6.1	4.9	BSH
Bueno (18th G)	5.9	5.2	5.6	5.3	5.8	4.5	6.6	RT/TG
Tapeta	5.7	5.1	5.4	6.1	7.1	6.1	5.0	LMG

## 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	Agent
Musica	7.9	7.9	7.9	6.3	5.8	7.9	DLF/JNS
Bargreen II	7.9	7.7	7.8	6.6	6.4	5.7	BAR
Eurocrown	7.8	7.7	7.8	7.3	6.9	6.3	EG
Nikky	7.9	7.6	7.7	5.4	7.3	7.4	LMG
Greensleeves	7.8	7.3	7.6	6.7	6.6	6.0	RT/TG
Carioca	7.0	7.1	7.1	6.1	6.0	6.0	DLF/JNS
Barswing	7.2	6.9	7.1	7.6	6.4	5.9	BAR
Belleaire	6.9	7.3	7.1	4.5	6.4	6.8	TG
Troville	7.1	7.0	7.0	7.4	5.3	5.5	DLF
Barbirdie	6.8	7.2	7.0	5.6	6.5	5.7	BAR
Calliope	7.2	6.6	6.9	5.1	5.0	5.6	TG/DLF
Monuela	6.7	7.1	6.9	6.9	5.3	6.8	LMG
Greenmile	6.8	7.0	6.9	7.0	6.5	6.7	DLF
Margret	6.8	6.9	6.8	7.4	4.8	6.2	LMG
Dorianna	6.5	6.9	6.7	7.4	7.2	6.6	BSH
Luisa	6.6	6.8	6.7	6.0	6.6	6.2	BSH
Florasol	6.9	6.4	6.7	6.6	5.0	4.3	DLF
Excellence	6.5	6.8	6.6	5.8	7.1	7.3	EG
Wagner 1	6.7	6.5	6.6	5.9	6.6	7.7	DLF
Lichampion	6.5	6.7	6.6	6.3	5.9	7.0	EG
Bargreen	6.4	6.7	6.6	7.3	5.7	5.7	BAR
Charme	6.6	6.4	6.5	5.8	5.3	6.3	EG
Blenheim	6.7	6.3	6.5	6.4	6.2	6.8	DLF
Mirjana	6.4	6.5	6.5	5.4	6.7	6.9	DLF
Greenscoop	6.4	6.5	6.4	6.5	6.0	5.8	TG
Brahms (LA)	6.4	6.4	6.4	5.6	7.2	5.6	DLF
Raisa	6.7	6.0	6.4	5.4	5.6	5.5	BSH
Maritza	6.5	6.1	6.3	6.4	6.1	6.9	LMG
Trophy	5.9	6.5	6.2	6.5	5.1	6.3	DLF
Frida	6.5	5.9	6.2	5.9	6.1	5.1	EG
Waldorf	6.1	6.2	6.2	7.3	6.0	6.3	LMG
Olivia	6.2	6.1	6.2	5.1	5.5	5.7	EG
Barborka	6.1	6.1	6.1	7.4	5.5	6.4	OU
Capriccio	6.1	6.0	6.0	6.3	5.5	6.2	DLF
Lucinda	6.2	5.7	6.0	6.7	5.8	5.9	EG
Livista	5.9	5.4	5.7	6.8	4.0	5.4	EG
Liroyal	5.1	6.0	5.5	6.3	6.9	5.7	EG
Cygnus	4.9	5.5	5.2	6.1	6.5	4.5	SEN
Raymond	4.9	5.1	5.0	6.4	6.9	5.7	LMG
Wilma	4.9	5.0	5.0	4.8	5.4	5.2	SEN
Lifalla	4.8	5.1	4.9	6.6	6.1	6.3	EG



**Table G2 Continued**

	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
<b>New Cultivars</b>							
Barlineus (LA)	8.9	8.5	8.7	7.6	7.0	5.0	BAR
Mission (LA)	6.9	7.0	6.9	6.6	8.2	8.0	DLF
Melitta	6.7	7.0	6.9	6.8	5.9	5.6	BSH
Joanna (LA)	6.4	6.2	6.3	4.2	7.6	7.5	BSH

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

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Viktorka	8.2	8.1	8.2	8.0	6.5	7.8	BAR
Cezanne	7.6	7.9	7.8	6.4	4.8	5.5	DLF/JNS
Barcrown	7.8	7.5	7.6	8.2	6.2	6.8	BAR
Barpearl	7.1	7.4	7.3	8.0	6.3	6.2	BAR
Turner 1	7.0	7.5	7.2	5.3	6.3	7.0	TG
Valdora	7.1	7.3	7.2	6.3	5.5	6.0	DLF/JNS
Finesto	7.1	7.2	7.1	6.1	5.2	5.3	DLF/JNS
Mocassin	6.9	7.3	7.1	7.3	6.4	6.0	LMG
Isolde (LA)	7.1	7.1	7.1	5.9	6.2	7.5	DLF
Corsaire	6.9	7.3	7.1	7.4	5.8	5.0	LMG
Reggae	6.9	7.2	7.1	4.4	6.3	6.0	DLF
Amarone	7.2	6.9	7.1	6.8	5.7	4.9	DLF
AberCharm	7.0	6.7	6.9	5.3	7.1	8.0	BSH
Musette	6.8	6.8	6.8	4.6	6.6	6.2	DLF
Carousel	6.3	6.9	6.6	5.8	5.8	5.8	LMG
Zamboni	6.6	6.5	6.6	6.2	5.6	5.9	LMG
Count	6.8	6.2	6.5	6.7	4.7	4.4	BSH
Libeauty (LA)	6.3	6.7	6.5	6.9	7.1	7.4	EG
Javelin	6.2	6.7	6.4	7.6	3.9	4.4	EG
Euromaster	6.6	6.3	6.4	6.2	4.5	4.3	EG
Helena	6.5	6.3	6.4	5.0	5.6	5.2	RT/TG
Barmalia	6.3	6.4	6.3	7.2	4.9	4.4	BAR
Corrida (LA)	6.2	6.2	6.2	6.4	5.9	7.0	LMG
Smirna	6.0	6.1	6.1	5.7	5.6	5.6	LMG
Greenspray	5.9	6.2	6.1	5.2	6.0	5.7	TG
Josephine (LA)	6.0	6.1	6.1	5.5	6.7	5.6	BSH
Equator	6.0	6.1	6.0	5.9	5.7	6.9	DLF
Toucan	5.9	5.8	5.9	6.1	5.6	6.9	LMG
Libano	5.9	5.8	5.8	5.2	5.7	5.9	EG
Liprosa	5.9	5.7	5.8	4.8	5.9	5.8	EG
Mezzoforte (LA)	5.7	5.2	5.4	4.7	7.7	6.4	EG
Samanta	5.1	5.5	5.3	5.6	5.5	5.4	DLF
Dawson	5.3	5.3	5.3	5.0	5.4	5.0	LMG
Lovisa	4.8	5.0	4.9	5.0	4.3	4.4	SEN
Garance	3.7	3.4	3.5	4.4	6.2	5.8	EG

**New Cultivars**

Montjeu (LA)	7.3	7.4	7.4	7.8	5.9	7.1	FF
Barprince	6.9	6.7	6.8	7.3	5.1	5.1	BAR
Tremont (LA)	7.0	6.6	6.8	5.4	5.7	5.2	BSH
Nicole (LA)	6.6	6.3	6.4	6.1	6.6	6.2	DLF

## 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	Agent
Bargold	6.9	7.0	6.9	7.2	5.6	-	6.3	6.0	BAR
Natasha (LA)	6.9	6.9	6.9	7.1	5.2	-	6.2	6.3	DLF/JNS
Sauvignon	6.8	6.8	6.8	6.4	5.0	6.0	6.4	5.9	DLF/JNS
AberSprite	6.5	6.3	6.4	6.6	5.2	7.1	6.5	6.0	BSH
Greenway	5.9	6.1	6.0	6.2	4.6	-	6.2	6.0	SUT/TG
Greenfair	5.1	5.1	5.1	5.4	6.4	6.3	6.6	6.2	SUT/TG
<b>New Cultivars</b>									
Clementine (LA)	7.9	7.9	7.9	7.4	6.7	-	5.1	5.2	DLF/JNS/TG
Monroe (LA)	7.2	7.4	7.3	7.6	6.2	-	5.8	6.7	DLF/JNS
Dickens 1	7.2	7.3	7.2	6.3	5.7	-	6.1	5.7	DLF/JNS
Chardin (LA)	7.0	7.0	7.0	7.2	5.2	-	4.2	4.8	DLF/JNS
Enesco (LA)	7.0	7.0	7.0	6.4	4.5	-	6.8	4.6	DLF
Cyrena (LA)	6.7	6.8	6.7	6.4	7.2	-	5.4	5.2	LMG
Mercitwo	6.1	6.1	6.1	6.2	6.7	-	4.7	5.6	TG



## 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	Agent
<b>Crested hair grass (<i>Koeleria cristata</i>) Note 1</b>							
Barkoel	-	6.4	7.1	7.2	2.5	6.2	BAR
<b>Rough-stalked meadow-grass (<i>Poa trivialis</i>) Note 2</b>							
Boganis	-	5.7	8.2	5.1	7.9	-	DLF/JNS
Sabrene 1	-	5.4	8.2	5.0	8.0	-	DLF
Snowbird	4.6	5.9	7.8	4.4	8.3	-	TG/DLF
Solo	4.9	7.3	7.4	4.2	7.7	-	DLF/RAGT
<b>Prostrate meadow-grass (<i>Poa supina</i>) Note 2</b>							
Supra (LA)	7.9	6.9	4.7	5.9	5.6	-	BSH
<b>Timothy (<i>Phleum bertolonii</i>) Note 2</b>							
Piccolo	5.6	4.3	3.6	4.8	6.2	-	SEED

- = No data

#### Notes:

- 1 Comparable with browntop & creeping bents
- 2 Comparable with smooth-stalked meadow-grass

# Index

Cultivar	Species	Tables	Cultivar	Species	Tables
AberCharm	Slender creeping red fescue	L4 G3	Barswing	Chewings fescue	L3 G2
AberElf	Perennial ryegrass	S1 L1	Bartwingo	Perennial ryegrass	L1
AberFleece	Sheep's fescue	L6	Barustic	Strong creeping red fescue	L5
AberImp	Perennial ryegrass	S1 L1	Barxera (LA)	Tufted hair-grass	S4 L9
AberRegal (LA)	Browntop bent	L7 G1	Beagle 1	Tall fescue	S3 L8
AberRoyal	Browntop bent	G1	Beatrice	Perennial ryegrass	S1 L1
AberSprite	Perennial ryegrass	L1 G4	Belleaire	Chewings fescue	L3 G2
Ace	Perennial ryegrass	S1 L1	Bellevue	Perennial ryegrass	L1
Action	Perennial ryegrass	S1 L1	Bellini 1	Perennial ryegrass	S1 L1
Advent	Perennial ryegrass	S1 L1	Berlioz 1	Perennial ryegrass	S1 L1
Agnetha	Strong creeping red fescue	L5	Bizet 1	Perennial ryegrass	S1 L1
Aiken (LA)	Perennial ryegrass	S1	Blazer 4	Perennial ryegrass	L1
Amadeus	Perennial ryegrass	L1	Blenheim	Chewings fescue	L3 G2
Amalfi	Slender creeping red fescue	L4	Boganis	Rough stalked meadow-grass	M
Amalia	Tall fescue	S3 L8	Boreal	Strong creeping red fescue	L5
Amarone	Slender creeping red fescue	L4 G3	Borluna	Slender creeping red fescue	L4
Ambition	Browntop bent	L7 G1	Borsimo (LA)	Slender creeping red fescue	L4
Ambrosia	Browntop bent	L7 G1	Bossanova	Strong creeping red fescue	L5
Aniset	Strong creeping red fescue	L5	Brahms (LA)	Chewings fescue	L3 G2
Anouk (LA)	Perennial ryegrass	S1 L1	Brio	Perennial ryegrass	S1 L1
Anthony (LA)	Strong creeping red fescue	L5	Broadway	Smooth-stalked meadow-grass	S2 L2
Applause	Perennial ryegrass	L1	Bueno (18th G)	Creeping bent	L7 G1
Aretta	Browntop bent	L7 G1	Busoni 1 (LA)	Perennial ryegrass	S1 L1
Avalon	Velvet bent	L7 G1	Cabarette	Strong creeping red fescue	L5
Ballet	Perennial ryegrass	S1 L1	Cachemire	Perennial ryegrass	S1 L1
Barbary (LA)	Perennial ryegrass	S1 L1	Cadix	Perennial ryegrass	S1 L1
Barbirdie	Chewings fescue	L3 G2	Calliope	Chewings fescue	L3 G2
Barborka	Chewings fescue	G2	Camilla	Strong creeping red fescue	L5
Barcampsia	Tufted hair-grass	S4 L9	Candela	Tufted hair-grass	L9
Barcedes (LA)	Perennial ryegrass	S1 L1	Canavaro	Tall fescue	S3 L8
Barcesar	Tall fescue	S3 L8	Cantona	Hard fescue	L6
Barcrown	Slender creeping red fescue	L4 G3	Capri	Perennial ryegrass	S1 L1
Bardorado	Perennial ryegrass	S1	Capriccio	Chewings fescue	L3 G2
Bareine	Perennial ryegrass	L1	Carioca	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 G2	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	Cassiopaia	Perennial ryegrass	S1 L1
Barillon	Perennial ryegrass	S1	CereteC Centurion	Perennial ryegrass	S1 L1
Bariris	Smooth-stalked meadow-grass	S2 L2	Cezanne	Slender creeping red fescue	L4 G3
BarKing	Browntop bent	L7 G1	Chardin (LA)	Perennial ryegrass	S1 L1 G4
Barkoel	Crested hair grass	M	Charme	Chewings fescue	L3 G2
Barlennium	Perennial ryegrass	S1 L1	Chopin	Strong creeping red fescue	L5
Barleroy	Tall fescue	L8	Churchill	Perennial ryegrass	S1
Barlexas II	Tall fescue	S3 L8	Cleancut (LA)	Perennial ryegrass	S1 L1
Barlineus (LA)	Chewings fescue	L3 G2	Clemens (LA)	Strong creeping red fescue	L5
Barmalia	Slender creeping red fescue	L4 G3	Clementine (LA)	Perennial ryegrass	S1 L1 G4
Barminton	Perennial ryegrass	S1 L1	Cleopatra	Perennial ryegrass	S1 L1
Barok	Fine-leaved sheep's fescue	L6	Cobra nova	Creeping bent	G1
Barorlando (LA)	Perennial ryegrass	S1	Cochise	Tall fescue	S3 L8
Barpearl	Slender creeping red fescue	L4 G3	Cocktail	Smooth-stalked meadow-grass	S2 L2
Barprince	Slender creeping red fescue	L4 G3	Colonia (LA)	Smooth-stalked meadow-grass	S2
Barrocky	Perennial ryegrass	S1 L1	Columbine	Perennial ryegrass	S1 L1
Barsandra	Perennial ryegrass	L1	Concerto (LA)	Perennial ryegrass	S1 L1
Barsignum	Perennial ryegrass	S1 L1	Conni	Smooth-stalked meadow-grass	S2 L2
			Conrad 1	Perennial ryegrass	S1 L1

Corail	Strong creeping red fescue	L5	Greensky	Perennial ryegrass	S1 L1
Corida (LA)	Slender creeping red fescue	L4 G3	Greensleeves	Chewings fescue	L3 G2
Corsaire	Slender creeping red fescue	L4 G3	Greenspeed	Browntop bent	L7 G1
Count	Slender creeping red fescue	L4 G3	Greenspray	Slender creeping red fescue	G3
Crystal	Hard fescue	L6	Greentime (LA)	Browntop bent	L7 G1
CY2	Creeping bent	G1	Greenvie	Strong creeping red fescue	L5
Cygnus	Chewings fescue	G2	Greenway	Perennial ryegrass	S1 L1 G4
Cynthia	Smooth-stalked meadow-grass	S2 L2	Greenzeal	Tall fescue	S3 L8
Cyrena (LA)	Perennial ryegrass	S1 L1 G4	Hardtop	Hard fescue	L6
Dawson	Slender creeping red fescue	G3	Harmonie	Smooth-stalked meadow-grass	S2
Debusby 1	Tall fescue	S3 L8	Heidrun	Strong creeping red fescue	L5
Denso	Browntop bent	L7 G1	Helena	Slender creeping red fescue	L4 G3
Dickens 1	Perennial ryegrass	S1 L1 G4	Herald	Strong creeping red fescue	L5
Dipper	Strong creeping red fescue	L5	Heriot	Browntop bent	L7 G1
Disco	Perennial ryegrass	S1 L1	Highland	Highland bent	L7
Divyna	Tall fescue	L8	Hightower	Strong creeping red fescue	L5
Doremi	Perennial ryegrass	S1 L1	Himalaya	Perennial ryegrass	S1 L1
Dorianna	Chewings fescue	L3 G2	Hounddog 6	Tall fescue	S3 L8
Double	Perennial ryegrass	S1s	Hugo 1	Perennial ryegrass	S1
Dumas 1	Hard fescue	L6	Independence 1	Creeping bent	G1
Duparc (LA)	Perennial ryegrass	S1	Isolde (LA)	Slender creeping red fescue	L4 G3
Dylan	Perennial ryegrass	L1	Jasperina	Strong creeping red fescue	L5
Egmont	Browntop bent	L7 G1	Javelin	Slender creeping red fescue	L4 G3
Egmonttwo	Browntop bent	L7 G1	Joanna (LA)	Chewings fescue	L3 G2
Elan	Perennial ryegrass	S1	Joker (LA)	Smooth-stalked meadow-grass	S2
Enesco (LA)	Perennial ryegrass	S1 L1 G4	Jonvik	Browntop bent	L7 G1
Ennyo	Perennial ryegrass	S1 L1	Josephine (LA)	Slender creeping red fescue	L4 G3
Equator	Slender creeping red fescue	G3	Jubilee EG	Perennial ryegrass	S1
Escapade	Perennial ryegrass	S1 L1	Julia	Smooth-stalked meadow-grass	S2 L2
Esquire	Perennial ryegrass	S1 L1	Julius	Smooth-stalked meadow-grass	S2 L2
Essence	Perennial ryegrass	S1 L1	Kaitos	Smooth-stalked meadow-grass	S2 L2
Eterlou	Perennial ryegrass	L1	Kokomo	Perennial ryegrass	S1 L1
Eugenius (LA)	Perennial ryegrass	S1 L1	Lambada	Strong creeping red fescue	L5
Eurocrown	Chewings fescue	L3 G2	Lance	Browntop bent	L7 G1
Eurodiamond	Perennial ryegrass	S1 L1	Larus (LA)	Smooth-stalked meadow-grass	S2
Euromaster	Slender creeping red fescue	L4 G3	Libano	Slender creeping red fescue	L4 G3
Evita	Perennial ryegrass	L1	Libeauty (LA)	Slender creeping red fescue	L4 G3
Evora	Smooth-stalked meadow-grass	S2 L2	Libero	Perennial ryegrass	S1 L1
Excellence	Chewings fescue	L3 G2	Libronco	Perennial ryegrass	L1
Fancy	Perennial ryegrass	S1	Lichampion	Chewings fescue	L3 G2
Fandango	Perennial ryegrass	S1 L1	Lifalla	Chewings fescue	G2
Famiente (LA)	Perennial ryegrass	L1	Lifrance	Perennial ryegrass	S1 L1
Fashion	Strong creeping red fescue	L5	Ligala	Perennial ryegrass	S1 L1
Felix	Strong creeping red fescue	L5	Limerick	Smooth-stalked meadow-grass	S2 L2
Finesto	Slender creeping red fescue	L4 G3	Limonica	Perennial ryegrass	S1 L1
Flamenco	Perennial ryegrass	S1 L1	Limousine	Smooth-stalked meadow-grass	S2 L2
Florasol	Chewings fescue	L3 G2	Linares	Smooth-stalked meadow-grass	S2 L2
Forever	Perennial ryegrass	L1	Lincolnshire	Smooth-stalked meadow-grass	S2 L2
Franklin	Strong creeping red fescue	L5	Liprosa	Slender creeping red fescue	G3
Frida	Chewings fescue	G2	Liromeo	Perennial ryegrass	S1 L1
Frontliner	Perennial ryegrass	L1	Liroyal	Chewings fescue	L3 G2
Funk	Perennial ryegrass	S1 L1	Lisamba	Strong creeping red fescue	L5
Galatti	Perennial ryegrass	L1	Litango	Strong creeping red fescue	L5
Gallius	Perennial ryegrass	S1	Livision	Strong creeping red fescue	L5
Garance	Slender creeping red fescue	G3	Livista	Chewings fescue	L3 G2
Gator	Perennial ryegrass	S1 L1	Lourega	Perennial ryegrass	S1 L1
Gaudi 1	Smooth-stalked meadow-grass	S2 L2	Lovisa	Slender creeping red fescue	L4 G3
Grande II	Tall fescue	S3	Lucinda	Chewings fescue	L3 G2
Greenbrooks	Tall fescue	S3 L8	Lucius	Perennial ryegrass	S1 L1
Greencard	Strong creeping red fescue	L5	Luisa	Chewings fescue	L3 G2
Greencrown (LA)	Strong creeping red fescue	L5	Madrid	Perennial ryegrass	S1 L1
Greendwarf	Tall fescue	S3 L8	Magitte (LA)	Strong creeping red fescue	L5
Greenfair	Perennial ryegrass	S1 L1 G4	Malibu	Perennial ryegrass	L1
Greenfront	Tall fescue	S3 L8	Mandolin	Browntop bent	L7 G1
Greenglide	Perennial ryegrass	S1 L1	Manetto	Hard fescue	L6
Greenknight	Smooth-stalked meadow-grass	S2 L2	Manor	Browntop bent	L7 G1
Greenmile	Chewings fescue	L3 G2	Margarita	Perennial ryegrass	S1 L1
Greenplay	Smooth-stalked meadow-grass	S2 L2	Margret	Chewings fescue	L3 G2
Greenscoop	Chewings fescue	L3 G2	Maritza	Chewings fescue	L3 G2

Masterpiece	Tall fescue	S3 L8	Ryder	Strong creeping red fescue	L5
Maxima 1	Strong creeping red fescue	L5	Sabrene 1	Rough stalked meadow-grass	M
Meandre	Tall fescue	L8	Salsa (LA)	Strong creeping red fescue	L5
Melbourne	Perennial ryegrass	S1 L1	Samanta	Slender creeping red fescue	L4 G3
Melitta	Chewings fescue	G2	Sandor (LA)	Smooth-stalked meadow-grass	S2 L2
Mentor	Hard fescue	L6	Sanremo	Perennial ryegrass	S1 L1
Menuet (LA)	Perennial ryegrass	L1	Sauvignon	Perennial ryegrass	S1 L1 G4
Mercitwo	Perennial ryegrass	S1 L1 G4	Scorpiones	Tall fescue	S3
Mezzoforte (LA)	Slender creeping red fescue	L4 G3	Sefton	Browntop bent	L7 G1
Milan	Perennial ryegrass	S1 L1	Sergei	Strong creeping red fescue	L5
Miracle	Smooth-stalked meadow-grass	S2 L2	Shorly	Perennial ryegrass	S1
Mirjana	Chewings fescue	L3 G2	Sirtaky	Perennial ryegrass	S1 L1
Mission (LA)	Chewings fescue	L3 G2	Smirna	Slender creeping red fescue	L4 G3
Mocassin	Slender creeping red fescue	L4 G3	Snowbird	Rough stalked meadow-grass	M
Monaco	Perennial ryegrass	S1 L1	Solo	Rough stalked meadow-grass	M
Mondial	Perennial ryegrass	S1 L1	Sombrero	Smooth-stalked meadow-grass	S2 L2
Monroe (LA)	Perennial ryegrass	S1 L1 G4	Sphere (LA)	Perennial ryegrass	L1
Montjeu (LA)	Slender creeping red fescue	L4 G3	SR 1119	Creeping bent	G1
Monuela	Chewings fescue	L3 G2	Starlett	Tall fescue	L8
Mozart 1	Smooth-stalked meadow-grass	S2 L2	Stolawn	Perennial ryegrass	S1 L1
Musette	Slender creeping red fescue	L4 G3	Stravinsky	Perennial ryegrass	S1 L1
Musica	Chewings fescue	L3 G2	Supra (LA)	Prostrate meadow-grass	M
Mystic	Strong creeping red fescue	L5	Susana	Tall fescue	S3 L8
Nadia	Chewings fescue	L3	Swing	Strong creeping red fescue	L5
Natasha (LA)	Perennial ryegrass	L1 G4	Tapeta	Creeping bent	G1
Neruda 1	Perennial ryegrass	S1 L1	Taya	Perennial ryegrass	L1
Niccolo (LA)	Smooth-stalked meadow-grass	S2	Tetragreen	Perennial ryegrass	S1s
Nicole (LA)	Slender creeping red fescue	G3	Tiger Nova	Browntop bent	L7 G1
Nikky	Chewings fescue	L3 G2	Todo (LA)	Perennial ryegrass	S1 L1
Nordic	Hard fescue	L6	Tophat 2	Perennial ryegrass	L1
Olivia	Chewings fescue	L3 G2	Toucan	Slender creeping red fescue	L4 G3
OO7 DSB (LA)	Creeping bent	G1	Tracenta	Browntop bent	G1
Opal (LA)	Smooth-stalked meadow-grass	S2 L2	Traffic	Perennial ryegrass	S1 L1
Orient (LA)	Browntop bent	L7 G1	Trakaj	Tufted hair-grass	S4 L9
Paganini 1	Slender creeping red fescue	L4	Transate	Perennial ryegrass	S1 L1
Panduro	Smooth-stalked meadow-grass	S2 L2	Tremont (LA)	Slender creeping red fescue	G3
Parsifal	Smooth-stalked meadow-grass	S2 L2	Trophy	Chewings fescue	L3 G2
Passion	Perennial ryegrass	L1	Troville	Chewings fescue	L3 G2
Penn A-1	Creeping bent	L7 G1	Troy	Browntop bent	L7 G1
Penn A-4	Creeping bent	L7 G1	Turfgold	Perennial ryegrass	S1 L1
Penn G-6	Creeping bent	G1	Turner 1	Slender creeping red fescue	L4 G3
Piccolo	Timothy	M	Twingo	Perennial ryegrass	S1 L1
Pinafore	Slender creeping red fescue	L4	Twyplay	Perennial ryegrass	S1 L1
Plaisir	Perennial ryegrass	S1 L1	Tyee	Creeping bent	G1
Platinum	Perennial ryegrass	S1 L1	Valdora	Slender creeping red fescue	L4 G3
Polana	Browntop bent	G1	Venice	Perennial ryegrass	L1
Polka	Strong creeping red fescue	L5	Verdi	Perennial ryegrass	S1 L1
Ponderosa	Perennial ryegrass	S1 L1	Vesper	Velvet bent	G1
Pontiac	Perennial ryegrass	L1	Vesuvius	Perennial ryegrass	S1 L1
Poseidon	Perennial ryegrass	S1 L1	Vienna	Perennial ryegrass	S1 L1
Powerball (LA)	Smooth-stalked meadow-grass	S2 L2	Viktorka	Slender creeping red fescue	L4 G3
Pretoria	Perennial ryegrass	L1	Villa 1	Velvet bent	L7 G1
Promotor (LA)	Perennial ryegrass	S1 L1	Villa 2	Velvet bent	G1
Providence	Creeping bent	L7 G1	Vitek (LA)	Browntop bent	G1
Quatro	Sheep's fescue	L6	Vitellius	Perennial ryegrass	S1 L1
Ragtime	Perennial ryegrass	S1 L1	Voyager	Tufted hair-grass	S4 L9
Raisa	Chewings fescue	L3 G2	Wagner 1	Chewings fescue	L3 G2
Raymond	Chewings fescue	L3 G2	Waldorf	Chewings fescue	G2
Recital	Perennial ryegrass	S1 L1	Wilma	Chewings fescue	G2
Regane (LA)	Perennial ryegrass	L1	Yvette	Smooth-stalked meadow-grass	S2 L2
Reggae	Slender creeping red fescue	L4 G3	Zamboni	Slender creeping red fescue	G3
Relevant	Strong creeping red fescue	L5	Zeptor	Smooth-stalked meadow-grass	S2 L2
Reliant II	Hard fescue	L6	Zuzana (LA)	Tall fescue	S3
Ritmo (LA)	Perennial ryegrass	S1 L1			
Romance	Perennial ryegrass	S1			
Rosetti 1	Chewings fescue	L3			
Rossinante	Strong creeping red fescue	L5			
Rumba (LA)	Strong creeping red fescue	L5			
Runner (LA)	Creeping bent	L7 G1			

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## 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.

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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 www.barenbrug.co.uk

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### **BSH** British Seed Houses Ltd.

Camp Road, Witham St. Hughes  
Lincoln LN6 9QJ  
Tel 01522 868714 Fax 01522 868382  
E-mail seeds@bshlincoln.co.uk  
www.britishseedhouses.com

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### **DLF** DLF - Trifolium Ltd.

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

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### **EG** Euro Grass Breeding GmbH & Co. KG

Weissenberger Strasse 5  
59557 Lippestadt,  
Germany  
Tel 0049 2941296307 Fax 0049 2941296100  
E-mail info@eurograss.com www.eurograss.com  
UK Contact No. 01522 868946

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### **HUR** Hurrells (Hurrell & McLean seeds Ltd)

Beverley Road  
Cranswick, Driffield  
East Yorkshire YO25 9PF  
Tel 01377 271400 Fax 01377 271500  
E-mail info@hmseeds.com  
www.hmseeds.co.uk

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### **JNS** Johnsons Sports Seed

c/o Thorn Farm  
Inkberrow  
Worcestershire WR7 4LJ  
Tel 01386 791102 Fax 01386 792715

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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### **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

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

Rigby Taylor House, Crown Lane, Horwich,  
Bolton, Lancashire BL6 5HP  
Tel 01204 677717 Fax 01204 677715

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### **SEED** Seedsource (UK) Ltd

12 Forbes Court, Middlefield Industrial Estate  
Falkirk, Scotland, FK2 9HQ  
Tel: 01324 617730 Fax: 01324 630399  
Mobile: 07702 737017  
E-mail: billy@seedsourceuk.co.uk

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

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

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### **SW** SW Seed

268 81 Svalöv  
Sweden  
Tel +46 418 66 70 00  
Fax +46 418 66 73 26  
www.swseed.com

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### **TG** Top Green SAS

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





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## Contact Details

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

Woolpack Chambers  
Market Street  
Ely, Cambridgeshire  
CB7 4ND

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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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