

Turfgrasses Seed 2015

The buyers guide to
quality amenity turfgrasses



Contents

2	Introduction
2	The BSPB Amenity Committee and the Turfgrass Seed Trials
3	Guide to using Turfgrass Seed 2015
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

The BSPB Amenity Committee and the Turfgrass Seed Trials

Introduction

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

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

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

Use in lawns, summer sports pitches, tennis courts, turf and general landscaping (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.

The Turfgrass trials are conducted in Bingley, West Yorkshire.

The BSPB Amenity Committee

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

The major functions of BSPB include:

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

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

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

Guide to using Turfgrass Seed 2015

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

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

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

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

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

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

Seed of all cultivars named should be available in the UK in 2015 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 2015 is from trials conducted at the STRI. As with any trial of living material, the performance of the cultivars may vary in commercial management.

Assessment of characters

VISUAL MERIT

Visual merit is an overall measure of the suitability of the sward for its potential use. Visual merit is a combination of sward density, leaf width, disease resistance 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.

Series S

Sports Uses (Mown at 25mm)

Perennial ryegrass (Table S1)

Smooth-stalked meadow-grass (Table S2)

Tall fescue (Table S3)

Tufted hair-grass (Table S4)

Applications

Winter sports pitches

Football and Rugby pitches

Municipal sports areas

Other intensively used areas

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

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

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

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

Its rhizomes give good recovery from wear and some drought tolerance. However, establishment of this grass is slow and best results can only be achieved if at least 12 months is left between sowing and use. 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 - 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	8.2	8.1	8.1	7.7	8.0	6.8	-	2.8	5.2	5.3	DLF/JNS
Barorlando	8.1	8.0	8.1	6.7	8.1	7.1	7.5	5.7	5.6	7.4	BAR
Columbine	8.1	8.0	8.1	7.6	7.6	6.9	4.3	5.4	5.6	6.1	DLF/JNS/TG
Monroe	8.0	8.2	8.1	7.6	8.2	8.6	5.5	6.4	6.0	6.4	DLF/JNS
EuroCordus	8.1	8.0	8.1	7.3	8.2	7.1	-	-	5.4	5.6	DSV
Barcristalla	8.1	8.0	8.0	6.8	8.0	7.5	7.2	5.7	6.1	7.5	BAR
Eurosport	7.9	8.0	7.9	7.7	8.0	7.2	-	-	5.7	5.9	DSV
Eugenius	7.8	7.8	7.8	6.7	7.9	7.3	7.0	4.3	4.9	5.4	G
Madrid	7.7	7.7	7.7	7.7	7.6	6.8	-	6.1	5.4	6.3	LMG
Cyrena	7.6	7.7	7.6	7.3	7.7	6.9	7.0	6.4	5.1	6.2	LMG
Chardin	7.5	7.8	7.6	6.5	7.7	8.3	8.0	5.9	4.9	5.4	DLF/JNS
Poseidon	7.8	7.5	7.6	7.0	7.5	6.5	4.4	5.5	4.9	5.4	RT/TG
Shorty	7.5	7.5	7.5	6.6	7.2	7.1	4.4	4.3	5.3	5.3	DSV
Duparc	7.3	7.6	7.5	7.2	7.2	7.3	6.5	7.4	5.1	5.6	RT/TG
Promotor	7.4	7.4	7.4	7.3	7.4	6.7	5.0	5.0	5.1	6.1	G
Calico	7.3	7.5	7.4	7.6	7.4	7.1	-	-	5.4	6.6	G/CARN
Cadix	7.2	7.6	7.4	7.6	7.1	7.3	5.9	5.4	6.0	5.9	G/CARN
Vesuvius	7.1	7.6	7.4	7.6	7.4	6.7	0.0	5.7	4.7	5.7	G
Nagano	7.3	7.4	7.4	7.4	7.0	6.7	7.3	5.3	5.1	5.4	LMG
Barolympic	7.3	7.4	7.3	7.0	7.7	7.5	-	-	4.2	5.2	BAR
Berlioz 1	7.3	7.4	7.3	6.9	7.3	6.5	-	6.2	5.7	5.5	DLF/TG
Bareuro	7.3	7.3	7.3	7.8	6.9	6.8	7.1	5.2	5.1	5.7	BAR
Bizet 1	7.3	7.3	7.3	7.6	6.0	6.0	5.8	6.9	6.0	6.3	DLF/JNS
Carnac	7.1	7.5	7.3	7.4	6.7	6.8	6.2	6.7	6.0	5.8	G/CARN
Alison (LA)	7.2	7.3	7.2	6.9	7.8	8.1	-	-	5.5	6.0	LMG
Beckham	7.2	7.2	7.2	6.8	7.1	6.6	-	-	5.3	5.2	DSV
Florianne	7.2	7.2	7.2	7.2	7.0	6.8	5.6	5.3	5.7	5.9	DLF
Ligala	7.1	7.4	7.2	7.9	7.0	7.6	5.3	5.8	5.4	5.6	DLF/DSV
Himalaya	7.2	7.1	7.2	7.8	7.0	6.5	-	4.1	5.5	6.0	DLF/LMG
Melbourne	7.0	7.3	7.1	6.6	7.6	7.6	-	7.5	5.4	5.7	LMG
Vitellius	6.9	7.2	7.1	7.6	6.7	6.3	-	6.1	5.9	6.3	G
Romance	7.0	7.1	7.1	6.8	7.0	6.3	5.2	5.5	6.1	5.5	BAR
Barillion	7.1	7.0	7.0	6.3	7.3	6.2	6.5	6.0	5.4	6.4	BAR
Hayley (LA)	6.9	7.1	7.0	6.7	7.1	6.9	-	-	5.6	6.3	RT/TG
Lucius	6.8	7.1	7.0	6.6	7.5	7.3	6.3	5.2	5.1	5.3	G
Greenfair	6.9	7.0	6.9	6.5	6.6	6.6	6.2	5.9	5.7	6.1	SUT/TG
Clementine	6.8	6.9	6.9	6.8	7.4	7.9	7.8	6.0	5.4	5.9	DLF/JNS/TG
Barsignum	6.8	6.9	6.8	6.0	7.6	8.3	4.8	5.1	5.1	6.5	BAR
Mercitwo	6.8	6.9	6.8	6.5	6.4	7.3	7.3	5.5	4.9	5.3	RT/TG
Hugo 1	6.8	6.9	6.8	6.6	5.0	5.3	6.4	5.3	5.5	5.7	DLF/TG
Shania (LA)	6.8	6.9	6.8	6.7	7.4	7.4	-	-	5.8	6.1	DLF
Bellini 1	6.8	6.8	6.8	6.4	6.2	6.0	-	5.1	5.5	5.7	DLF
Alboka	6.7	6.8	6.7	6.4	7.5	7.2	7.0	7.7	6.6	6.9	BAR
Greenway	6.7	6.7	6.7	6.4	6.7	7.4	5.6	6.3	6.3	6.0	SUT/TG
Cleopatra	6.6	6.8	6.7	7.6	6.4	5.9	-	7.1	4.7	5.4	DLF
Bocelli	6.8	6.7	6.7	6.3	7.4	6.9	6.6	5.7	4.9	6.4	LMG
Verdi	7.0	6.4	6.7	6.4	5.6	5.3	5.7	5.9	6.5	6.9	BAR
Fandango	6.7	6.7	6.7	7.3	6.9	6.2	-	5.9	5.8	5.6	BAR
Concerto	6.5	6.8	6.7	7.5	5.9	5.0	6.4	5.7	6.3	6.0	BAR
Dickens 1	6.4	6.8	6.6	6.9	8.1	7.9	-	6.2	4.7	5.4	DLF

Table S1 Continued

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Finesness of leaf	Cleanliness of cut	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Greensky	6.6	6.6	6.6	6.8	6.5	6.4	-	5.9	5.2	5.1	RT/TG
Lourega	6.6	6.6	6.6	6.3	6.8	5.2	-	7.2	6.3	6.5	DSV
Barlennium	6.7	6.5	6.6	5.6	6.5	5.6	6.5	6.4	7.6	7.7	BAR
Essence	6.9	6.4	6.6	5.5	6.8	6.5	6.1	4.6	6.2	5.4	DLF
Ragtime	6.5	6.7	6.6	6.4	6.1	5.8	6.4	6.5	5.9	6.1	BAR
Aberlmp	6.5	6.7	6.6	6.6	6.0	6.0	7.1	6.2	5.5	6.5	G
Margarita	6.3	6.8	6.6	6.5	6.7	6.8	5.3	5.5	6.2	5.9	DLF
Conrad 1	6.4	6.6	6.5	6.6	6.6	6.5	5.4	6.6	7.0	5.6	DLF
Bardorado	6.6	6.4	6.5	5.9	6.4	5.5	6.8	6.5	5.0	5.3	BAR
Ceretec Centurion	6.6	6.5	6.5	5.7	6.5	6.0	6.8	5.1	7.3	7.2	PGW
Bargold	6.3	6.6	6.5	6.4	7.3	8.1	7.0	6.0	5.6	5.7	BAR
Alanis (LA)	6.3	6.6	6.5	6.3	6.8	6.4	-	-	5.8	6.2	DLF
Flamenco	6.5	6.3	6.4	6.1	6.4	6.8	-	5.4	5.6	5.9	BAR
Stolawn	6.1	6.6	6.3	5.5	6.4	6.3	6.1	6.2	5.8	6.4	RT/TG
Ponderosa	6.5	6.2	6.3	6.0	6.5	5.6	5.7	5.5	6.6	5.9	LMG
Sirtaky	6.3	6.3	6.3	6.9	6.9	6.9	-	6.8	5.9	5.6	BAR
Escapade	6.1	6.4	6.3	7.3	6.6	8.6	4.4	4.5	6.1	6.0	G/CARN
Platinum	6.6	5.9	6.3	5.7	5.4	5.0	6.2	5.5	7.4	6.4	DLF
Transate	6.2	6.2	6.2	5.6	6.0	6.1	-	7.3	5.6	6.0	DSV
Greenglide	6.2	6.1	6.2	6.1	6.1	6.0	-	4.9	5.1	5.4	RT/TG
Jubilee EG	6.1	6.2	6.1	5.8	6.1	5.8	7.2	5.1	5.8	6.5	DSV
Doremi	5.9	6.3	6.1	5.9	6.3	5.7	7.0	7.0	5.2	6.3	LMG
Antonella	6.2	6.0	6.1	6.2	6.4	6.8	-	-	5.7	6.6	RT/TG
Traffic	6.0	6.1	6.1	6.4	6.1	7.3	6.1	5.2	5.1	6.2	DSV
Stravinsky	6.3	5.8	6.0	5.6	5.9	4.9	5.4	6.8	8.4	8.0	DLF
Pascal (LA)	6.0	6.1	6.0	5.6	6.5	5.7	-	-	6.1	6.7	DSV
Cachemire	5.8	6.2	6.0	6.9	6.1	7.3	5.5	5.1	5.5	5.6	GGR
Liromeo	5.9	6.1	6.0	6.3	6.2	6.0	-	7.3	6.4	6.7	DSV
Libero	6.0	6.0	6.0	5.6	6.7	7.0	-	5.5	5.9	6.6	DLF/DSV
Fancy	6.2	5.7	6.0	5.3	5.1	5.5	5.7	5.8	6.7	5.7	FF
Cassiopeia	5.9	6.0	5.9	5.9	6.8	7.2	-	6.0	5.3	6.0	DLF
Turfgold	5.8	6.0	5.9	6.5	5.7	5.2	-	6.2	6.6	6.9	DSV
Barrocky	5.8	6.1	5.9	6.5	6.8	6.9	-	5.1	4.8	5.1	BAR
Disco	5.8	5.8	5.8	5.2	5.2	5.6	5.8	5.6	6.2	5.0	LMG
Esquire	6.0	5.6	5.8	5.5	5.6	5.0	5.7	6.3	6.8	6.9	DLF
Limonica	5.8	5.8	5.8	5.9	5.4	5.3	-	6.0	7.1	7.2	DSV
Lifrance	5.7	5.8	5.7	5.9	5.0	6.0	5.9	7.1	6.4	6.1	DSV
Kokomo	5.6	5.8	5.7	5.4	5.0	5.0	-	6.8	8.4	8.1	DLF
Neruda 1	5.8	5.4	5.6	5.3	5.0	5.2	5.9	7.0	8.6	7.9	DLF/TG
Recital (LA)	5.6	5.6	5.6	5.2	6.5	6.7	6.5	7.1	6.3	6.9	BAR
Capri	5.7	5.4	5.5	5.1	5.0	5.0	5.3	6.3	6.3	5.3	DLF
Mondial	4.8	4.8	4.8	5.4	4.5	4.4	5.6	6.3	5.0	5.2	LMG

New Cultivars

Enesco (LA)	7.3	7.3	7.3	6.6	7.6	7.8	5.0	6.0	6.0	6.0	DLF
Claudine (LA)	7.1	7.2	7.1	6.3	7.5	7.2	-	-	5.4	6.4	DLF
Aiken (LA)	7.0	7.1	7.0	6.6	7.3	8.0	5.6	6.7	5.3	6.1	DLF
Marcellina (LA)	6.9	7.1	7.0	6.7	7.1	6.5	-	-	4.9	5.9	DLF
Barlicum (LA)	6.8	7.2	7.0	6.3	7.2	6.9	-	-	5.2	5.5	BAR
Eventus (LA)	6.5	7.0	6.8	6.8	7.5	7.8	-	-	5.2	6.1	DSV
Mascot (LA)	6.6	6.8	6.7	5.5	7.1	7.2	6.0	6.0	4.8	5.4	DLF
Zenia (LA)	6.2	6.5	6.4	6.0	6.9	6.8	-	-	5.0	5.8	DLF
Kalmia (LA)	6.4	6.3	6.3	5.9	6.8	6.8	5.0	5.3	5.0	5.7	DLF
Agreement	5.9	6.4	6.1	5.2	6.5	5.6	-	-	6.2	5.9	G

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 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
Double	5.5	5.0	5.2	4.3	4.7	3.8	6.1	7.8	7.3	7.5	DLF/JNS
Tetragreen	5.0	4.7	4.9	4.1	5.3	5.0	6.0	7.1	7.1	7.7	RT/TG

New Cultivars

Fabian	6.2	6.1	6.2	6.8	5.5	5.3	-	-	6.1	6.7	DLF/JNS/TG
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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
Sombrero	7.3	7.5	7.4	7.5	7.9	7.7	5.2	5.6	6.7	DLF/JNS
Julius	7.3	7.4	7.4	7.5	7.2	6.6	5.2	5.3	4.9	DLF
Harmonie	7.3	7.3	7.3	6.8	7.7	7.9	4.9	6.6	6.2	DLF/TG
Greenplay	7.2	7.4	7.3	7.4	7.5	7.5	4.9	6.3	6.3	RT/TG
Bariris	7.2	7.4	7.3	7.4	7.4	7.4	4.7	6.7	6.2	BAR
Barhelene	7.2	7.3	7.2	7.4	7.7	7.7	4.9	5.7	6.2	BAR
Joker	7.1	7.2	7.1	6.9	7.7	8.2	6.6	5.9	6.3	G
Limousine	7.0	7.2	7.1	7.4	7.8	7.1	4.9	6.2	5.5	DLF/JNS
Linares	7.1	7.1	7.1	6.4	7.7	7.8	6.1	5.2	5.7	DSV
Julia	6.9	7.2	7.0	7.5	6.7	6.3	5.5	6.4	6.0	G
Lincolnshire	6.7	7.1	6.9	7.1	6.8	6.9	4.5	6.4	5.0	DLF
Panduro	6.7	6.9	6.8	6.1	6.1	5.9	5.4	6.8	5.3	DLF
Mozart 1	6.6	6.9	6.7	6.3	6.8	6.3	7.1	5.8	4.8	DLF
Yvette	6.6	6.6	6.6	6.1	6.9	6.9	6.9	5.9	5.8	LMG
Broadway	6.5	6.6	6.6	6.9	6.2	5.2	6.1	6.5	6.8	RT/TG
Cocktail	6.3	6.6	6.5	6.0	7.0	6.9	6.6	5.9	5.4	LMG
Touche	6.3	6.5	6.4	6.4	6.6	6.6	6.3	6.8	6.2	BAR
Parsifal	6.2	6.5	6.4	6.6	6.7	8.0	6.5	7.4	6.1	G
Aramintha (LA)	6.3	6.3	6.3	6.1	6.8	7.4	6.4	4.6	5.9	DLF
Colonia (LA)	6.2	6.3	6.3	6.0	6.3	5.7	6.1	7.4	7.0	DLF
Miracle	6.2	6.1	6.2	5.6	6.1	5.7	7.1	5.6	7.0	DLF
Conni	5.6	5.7	5.7	5.8	6.1	6.2	5.8	6.0	5.9	DLF
Evora	4.8	4.7	4.7	4.7	4.6	5.0	6.2	6.3	6.4	DLF
Zeptor	4.4	4.6	4.5	4.6	5.0	5.4	7.0	6.4	4.9	DSV

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	UK Agent
Greenbrooks	7.9	8.0	8.0	7.6	7.8	7.0	6.6	6.9	RT/TG
Masterpiece	7.3	7.2	7.2	7.3	6.8	5.8	6.6	6.6	DLF/LMG
Debussy 1	7.2	7.3	7.2	7.1	7.2	6.7	7.0	7.2	DLF/JNS
Greendwarf	7.0	6.9	6.9	7.4	6.6	6.2	6.8	6.6	RT/TG
Barcesar	7.0	6.9	6.9	6.8	7.3	7.4	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	6.0	6.7	6.5	6.6	6.6	RT/TG
Barseille (LA)	6.7	6.6	6.6	6.1	6.6	6.5	6.1	6.2	
Scorpiones	6.6	6.3	6.5	6.3	6.4	6.0	6.0	6.4	RT/TG
Beagle 1	6.4	6.3	6.3	5.6	6.3	6.2	6.7	6.9	DLF
Barlexas II	6.0	6.1	6.0	5.8	5.9	6.2	6.7	6.8	BAR
Cannavaro	5.6	5.8	5.7	4.8	6.6	7.5	6.8	6.9	DLF/JNS
Cochise	5.8	5.6	5.7	5.7	5.4	5.1	6.3	5.7	DLF
New Cultivars									
Justice	7.6	7.5	7.5	7.1	7.4	7.0	6.4	6.8	BAR

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
Barxera	6.9	7.0	7.0	7.4	6.6	6.9	6.0	5.6	5.7	BAR
Barcampsia	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	DSV



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	Cleanliness 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
AberImp	7.9	7.2	7.5	7.5	7.5	6.0	7.3	5.5	6.4	G
Bargold	7.5	8.2	6.7	7.6	7.5	6.7	6.9	5.5	5.9	BAR
Dickens 1	7.8	7.6	6.3	8.0	7.4	6.4	5.6	5.7	5.6	DLF/JNS
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
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
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
Libero	7.3	7.3	6.1	7.0	6.9	4.3	6.0	6.3	6.5	DSV
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	DLF/DSV
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	GGR
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
Florianne	7.0	6.8	5.9	7.3	6.7	7.2	6.6	5.8	6.1	DLF
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
Barorlando	6.9	6.6	5.9	7.1	6.6	6.0	7.1	5.8	6.5	BAR
Alboka	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
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 (LA)	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/TG

Table L1 Continued

Cultivar	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Resistance to Red thread	Cleanness of cut	Winter greenness	Summer greenness	UK Agent
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
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
Adeline	6.1	5.8	7.2	5.7	6.2	6.7	6.4	6.3	6.4	BAR
Ragtime	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
Lourega	6.6	5.3	6.1	6.6	6.1	7.6	4.9	6.8	6.5	DSV
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
Tophat 2	5.7	5.3	7.5	6.0	6.1	6.2	6.4	8.1	8.1	DLF
Ritmo	6.2	5.9	6.1	6.2	6.1	6.1	6.4	5.5	6.1	DLF
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
Ceretec 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
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
Applaud	5.9	5.2	6.7	5.9	5.9	6.3	6.4	8.0	7.8	RT/TG
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
Blazer 4	5.7	5.1	6.7	5.8	5.8	6.5	5.6	7.8	7.7	BAR
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	RT/TG
Concerto	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
Disco	5.3	5.3	5.1	5.7	5.4	5.5	5.5	5.9	5.1	LMG
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
Mondial	4.5	4.6	4.6	4.7	4.6	6.1	5.7	4.5	5.2	LMG
New Cultivars										
Cabrio	8.1	9.2	7.7	8.2	8.3	3.8	7.2	5.6	5.8	G/CARN
Eventus (LA)	8.2	8.6	5.8	8.5	7.8	6.9	7.5	5.9	6.4	DSV
Alison (LA)	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
Claudine (LA)	7.6	7.5	7.3	7.5	7.5	4.9	6.5	5.4	5.9	DLF
Aiken (LA)	7.9	7.5	6.5	7.9	7.4	5.6	7.4	5.7	6.5	DLF
Francesca (LA)	7.3	7.5	7.6	7.1	7.4	5.6	6.6	5.3	6.0	DLF
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
Shania (LA)	7.7	7.6	5.7	7.5	7.1	6.7	6.9	5.6	6.0	DLF
Enesco (LA)	7.6	6.9	6.5	7.4	7.1	6.0	6.2	6.1	5.8	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
Sakura (LA)	7.4	7.3	5.6	7.5	6.9	4.7	6.2	5.6	6.2	DLF
Kalmia (LA)	7.1	6.6	6.7	7.3	6.9	6.2	7.1	5.1	5.8	DLF
Marcellina (LA)	7.3	6.7	5.8	7.6	6.8	7.1	6.3	4.7	5.5	DLF
Eurosport	7.6	7.0	5.0	7.6	6.8	5.4	5.1	5.5	6.2	DSV
Vulcanus (LA)	6.6	6.1	8.0	6.5	6.8	5.4	5.4	6.7	6.3	DSV
Menuet (LA)	6.6	6.6	5.8	6.5	6.4	7.1	5.6	5.4	5.3	DLF

Series L

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

Table L2

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

Cultivar	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Resistance to Rust	Winter greenness	Summer greenness	UK Agent
Sombrero	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
Parsifal	6.9	7.4	6.6	6.9	7.0	6.7	6.6	5.3	G
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
Bartender (LA)	5.4	5.3	7.5	6.3	6.1	4.5	7.2	5.6	
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
Barimpala	5.5	5.0	5.8	5.6	5.5	7.0	6.6	5.4	
Evora	4.5	4.3	4.3	4.6	4.4	4.3	5.7	6.9	DLF
New Cultivars									
Aramintha (LA)	6.9	7.3	5.0	7.0	6.5	6.1	4.7	5.4	DLF
Arende (LA)	6.8	7.0	5.6	6.6	6.5	6.0	4.7	5.5	DLF
Colonia (LA)	6.0	5.9	5.2	6.0	5.8	6.1	6.1	6.4	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
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	DLF
Caldris	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/JNS
Carioca	7.1	7.3	7.2	6.2	5.6	5.9	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
Troville	6.7	7.0	6.9	6.8	6.6	4.9	DLF
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
Charme	6.6	6.5	6.5	5.3	5.2	5.4	DSV
Melitta	6.5	6.6	6.5	6.9	5.2	5.2	DSV
Luisa	6.6	6.4	6.5	5.6	6.7	6.8	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
Monuela	6.4	6.2	6.3	6.8	6.3	7.6	LMG
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	TG/DLF
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
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

Siskin (LA)	8.0	8.0	8.0	8.5	5.8	7.0	DLF/JNS
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 (LA)	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
Fulmar (LA)	7.1	7.4	7.2	7.7	2.7	4.4	DLF
Bogart (LA)	7.1	7.3	7.2	7.2	5.1	4.7	DLF
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	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 (LA)	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
Javelin	6.6	7.3	7.0	8.0	5.5	6.2	DSV
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 (LA)	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	DLF
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

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
Greenvie	6.1	5.9	6.0	5.3	5.4	5.5	RT/TG
Chopin	5.8	5.6	5.7	3.5	6.4	5.9	DLF/BAR
Bossanova (LA)	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	EVER
Wendy Jean (LA)	5.7	5.6	5.7	4.1	7.7	8.1	EVER
Mellori	5.7	5.6	5.6	3.9	7.6	7.2	DSV
Barsylvia	5.4	5.8	5.6	4.1	5.6	7.0	BAR
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 (LA)	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
Lisamba	5.4	5.5	5.4	4.6	7.0	7.8	DSV
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 (LA)	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
Lambada (LA)	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
Franklin	3.7	3.7	3.7	5.5	5.1	5.7	LMG
Boreal	3.5	3.7	3.6	4.4	4.4	4.8	Fa*

New Cultivars

Hastings (LA)	5.9	6.1	6.0	4.0	5.7	5.7	RT/TG
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Series L

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

Table L6

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

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Hard fescue (<i>Festuca longifolia</i>)							
Manetto	7.3	7.0	7.2	6.0	6.9	7.1	DLF/JNS
Crystal	7.6	6.9	7.3	6.6	6.9	6.8	LMG
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
Reliant II	5.6	5.6	5.6	6.3	6.1	6.0	BAR
Dumas 1	5.6	5.6	5.6	5.9	6.7	5.8	DLF
Mentor	5.3	5.3	5.3	6.1	5.4	5.5	G
New Cultivars							
Pebbles (LA)	5.8	5.9	5.9	4.9	7.7	6.1	DLF
Sheep's fescue (<i>Festuca ovina</i>)							
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
Browntop bent (<i>Agrostis capillaris</i>)								
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
Greentime	6.4	6.0	7.2	6.5	5.9	6.1	8.0	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
Bardot	5.9	6.7	6.3	6.3	6.0	5.4	6.4	BAR
Egmontwo	6.2	6.0	6.7	6.3	5.4	6.0	5.7	RT/TG
Tiger Nova	6.1	6.1	6.4	6.2	6.1	5.5	6.9	DLF
Lance (LA)	5.9	5.9	6.5	6.1	5.5	7.1	6.1	ATR/DFL/RT
New Cultivars								
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
Highland bent (<i>Agrostis castellana</i>)								
Highland	4.6	4.6	4.9	4.7	5.0	8.8	4.4	Fa*
Creeping bent (<i>Agrostis stolonifera</i>)								
Runner (LA)	6.6	6.3	6.3	6.4	6.1	4.6	5.7	RT/TG
Penn A-1	5.7	5.6	5.5	5.6	6.7	4.8	5.3	EVER
Penn A-4	5.8	5.4	5.6	5.6	7.1	5.2	5.4	EVER
Velvet bent (<i>Agrostis canina</i>)								
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
Barleroy	5.9	6.6	5.8	6.0	6.1	6.1	5.8	BAR
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
New Cultivars								
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	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
Barcampsia	8.2	8.1	8.3	5.0	7.4	4.8	6.3	4.5	BAR
Trakaj	6.6	6.2	6.6	6.6	6.5	6.0	5.1	6.0	DSV
Barxera	6.1	5.5	6.4	6.8	6.2	6.1	3.8	4.8	BAR
Candela	6.1	6.3	6.1	6.0	6.1	4.8	6.3	6.4	DLF

Series G

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

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

Applications

Golf greens

Bowling greens

Ornamental lawns

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

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

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

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



Series G

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

Table G1

Bentgrasses (*Agrostis* spp.)

Greens

Cultivar	Shoot density	Visual merit	Mean	Fineness of leaf	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Browntop bent (<i>Agrostis capillaris</i>)								
Arrowtown	7.7	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
BarkKing	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
Egmontwo	6.6	6.7	6.7	6.6	6.0	5.5	5.7	RT/TG
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
Arietta	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
Creeping bent (<i>Agrostis stolonifera</i>)								
Cobra nova	7.0	7.3	7.2	6.9	6.3	6.9	6.3	DLF/JNS
007 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	EVER
Penn A-1	6.2	6.3	6.3	6.1	6.4	6.4	5.8	EVER
Penn A-4	6.0	5.9	6.0	6.4	6.3	6.0	5.7	EVER
SR 1119	5.7	5.8	5.7	4.8	7.2	5.6	5.7	G
Velvet bent (<i>Agrostis canina</i>)								
Vesper	9.0	8.3	8.7	8.6	4.3	6.4	8.2	G
Villa 2 (LA)	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	8.4	8.1	8.3	7.6	7.0	5.1	BAR
Musica	7.8	7.8	7.8	6.4	5.9	7.3	BAR
Bargreen II	7.8	7.7	7.7	6.6	6.3	5.6	BAR
Eurocrown	7.7	7.7	7.7	7.3	6.9	6.3	DSV
Nikky	7.8	7.5	7.7	5.4	7.3	7.4	LMG
Valetta (LA)	7.6	7.6	7.6	7.2	6.8	7.1	DLF
Humboldt	7.8	7.4	7.6	7.0	6.6	6.4	DLF/JNS
Greensleeves	7.7	7.3	7.5	6.7	6.6	6.0	RT/TG
Caldris	7.1	7.0	7.1	6.2	5.4	5.5	LMG
Carioca	7.0	7.1	7.0	6.1	5.9	5.9	BAR
Barswing	7.1	6.9	7.0	7.6	6.3	5.8	BAR
Belleaire	6.8	7.2	7.0	4.5	6.4	6.8	SUT/TG
Troville	7.0	6.9	7.0	7.4	5.3	5.5	DLF
Barbirdie	6.8	7.1	6.9	5.6	6.3	5.6	BAR
Wapiti (LA)	6.8	6.9	6.8	6.1	6.4	5.8	DLF
Greenmile	6.7	6.9	6.8	7.0	6.5	6.7	RT/TG
Luisa	6.6	6.9	6.7	6.3	6.5	6.1	DSV
Calliope	7.0	6.4	6.7	4.9	5.0	5.6	RT/TG
Dorianna	6.5	6.8	6.6	7.4	7.2	6.6	G
Mission	6.6	6.6	6.6	5.8	8.1	7.8	DSV
Excellence	6.4	6.7	6.6	5.8	7.0	7.3	DSV
Wagner 1	6.6	6.5	6.5	5.8	6.5	7.7	DLF
Lichampion	6.4	6.6	6.5	6.3	5.8	7.0	DSV
Monuela	6.4	6.7	6.5	6.8	6.2	7.1	LMG
Melitta	6.4	6.6	6.5	6.9	6.0	5.7	DSV
Charme	6.5	6.3	6.4	5.8	5.2	6.3	DSV
Blenheim	6.6	6.2	6.4	6.4	6.2	6.8	DLF/JNS
Brahms	6.3	6.4	6.3	5.6	7.1	5.6	RT/TG
Raisa	6.6	6.0	6.3	5.4	5.5	5.5	G
Joanna	6.3	6.2	6.2	4.4	7.8	7.5	G
Trophy	5.9	6.4	6.2	6.5	5.0	6.3	DLF
Olivia	6.1	6.1	6.1	5.3	5.3	5.4	DSV
Capriccio	6.0	5.9	6.0	6.3	5.4	6.2	DLF
Livista	5.9	5.5	5.7	6.1	5.2	6.0	DSV
New Cultivars							
Ramona	7.7	7.8	7.8	7.4	6.4	5.8	DSV
Bodega	7.8	7.6	7.7	7.2	5.8	5.5	BAR
Siskin (LA)	6.9	7.0	6.9	7.4	6.3	7.2	DLF/JNS
Esparina (LA)	7.0	6.9	6.9	7.2	6.9	7.3	DLF
Katarina	6.7	6.3	6.5	5.5	7.0	6.3	DSV

Table G3Slender 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 (LA)	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
AberCharm	7.0	6.6	6.8	5.3	7.0	8.0	G
Musette (LA)	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

New Cultivars

Aporina (LA)	7.3	7.4	7.3	6.5	6.0	5.5	DLF
Montjeu	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
Archibal (LA)	6.8	6.9	6.9	6.4	5.2	6.3	DLF
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	7.9	8.1	8.0	7.3	6.7	6.9	5.5	5.3	DLF/JNS/TG
Monroe	7.1	7.5	7.3	7.4	6.2	6.3	6.1	6.5	DLF/JNS
Dickens 1	6.9	7.0	6.9	6.5	5.7	4.9	5.8	5.3	DLF/JNS
Cyrena	6.8	7.0	6.9	6.1	7.2	7.2	5.3	5.2	LMG
Bargold	6.7	6.9	6.8	7.2	5.6	-	6.4	5.9	BAR
Chardin	6.5	6.6	6.5	6.8	5.2	7.3	4.0	4.7	DLF/JNS
Greenway	5.8	6.0	5.9	6.1	4.6	-	6.3	5.9	SUT/TG
Mercitwo	5.7	5.6	5.7	5.8	6.7	7.5	5.2	5.4	RT/TG
Greenfair	5.0	5.0	5.0	5.3	6.4	6.3	6.8	6.2	SUT/TG

New Cultivars

Barsignum	7.8	7.7	7.7	7.4	-	4.8	5.9	7.0	BAR
Aiken (LA)	7.8	7.2	7.5	7.0	-	6.5	5.9	6.6	DLF
Cabrio	7.4	7.6	7.5	8.2	-	4.8	4.8	5.8	G/CARN
Escapade	6.8	6.2	6.5	6.8	-	6.0	6.4	6.9	G/CARN
Antonella	6.4	6.2	6.3	6.6	-	4.7	5.6	6.8	RT/TG
Poseidon	6.3	6.1	6.2	5.5	-	5.9	5.0	6.0	RT/TG
Columbine	6.0	5.8	5.9	5.9	-	5.1	6.8	6.5	DLF/JNS/TG
Dylan	5.7	5.8	5.8	5.7	-	7.0	5.6	5.2	DLF/TG

Table G5

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

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

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	UK Agent
Hard fescue (<i>Festuca longifolia</i>)							
Manetto	7.1	6.5	6.8	6.9	7.0	7.3	DLF/JNS
Hardtop	6.5	6.4	6.4	6.8	7.2	6.5	BAR
Sheep's fescue (<i>Festuca ovina</i>)							
Quatro	7.4	7.2	7.3	7.0	6.7	7.0	DLF/JNS
Strong creeping red fescue (<i>Festuca rubra rubra</i>)							
Rossinante	6.0	6.4	6.2	5.6	5.4	5.1	DLF/JNS

Series M

Miscellaneous grasses

Miscellaneous Grasses

Other Grasses (Table M1)

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

Table M1

Other Grasses

Cultivar	Wear Tolerance	Shoot density	Fineness of leaf	Visual merit	Slow regrowth	Short growth	UK Agent
Rough-stalked meadow-grass (<i>Poa trivialis</i>) Note 1							
Boganis (LA)	-	5.7	8.2	5.1	7.9	-	DLF/JNS
Sabrene 1	-	5.4	8.2	5.0	8.0	-	DLF
Solo	4.9	7.3	7.4	4.2	7.7	-	DLF
Prostrate meadow-grass (<i>Poa supina</i>) Note 1							
Supra (LA)	7.9	6.9	4.7	5.9	5.6	-	G
Timothy (<i>Phleum bertolonii</i>) Note 1							
Piccolo	5.6	4.3	3.6	4.8	6.2	-	

- = No data

Notes:

1 Comparable with smooth-stalked meadow-grass

Index

Cultivar	Species	Tables	Barustic	Strong creeping red fescue	L5
AberCharm	Slender creeping red fescue	L4 G3	Barxera	Tufted hair-grass	S4 L9
AberFleece	Sheep's fescue	L6	Beagle 1	Tall fescue	S3 L8
AberImp	Perennial ryegrass	S1 L1	Beckham	Perennial ryegrass	S1 L1
AberRegal	Browntop bent	L7 G1	Belleaire	Chewings fescue	L3 G2
AberRoyal	Browntop bent	G1	Bellevue	Perennial ryegrass	L1
Adeline	Perennial ryegrass	L1	Bellini 1	Perennial ryegrass	S1 L1
Agreement	Perennial ryegrass	S1	Berlioz 1	Perennial ryegrass	S1 L1
Aiken (LA)	Perennial ryegrass	S1 L1 G4	Beudin	Slender creeping red fescue	L4 G3
Alanis (LA)	Perennial ryegrass	S1 L1	Bizet 1	Perennial ryegrass	S1 L1
Alboka	Perennial ryegrass	S1 L1	Blazer 4	Perennial ryegrass	L1
Alison (LA)	Perennial ryegrass	S1 L1	Blenheim	Chewings fescue	L3 G2
Amarone	Slender creeping red fescue	L4	Bocelli	Perennial ryegrass	S1 L1
Ambition	Browntop bent	L7 G1	Bodega	Chewings fescue	L3 G2
Antonella	Perennial ryegrass	S1 L1 G4	Boganis (LA)	Rough stalked meadow-grass	M1
Aporina (LA)	Slender creeping red fescue	L4 G3	Bogart (LA)	Chewings fescue	L3
Applaud	Perennial ryegrass	L1	Boreal	Strong creeping red fescue	L5
Aramintha (LA)	Smooth-stalked meadow-grass	S2 L2	Borluna	Slender creeping red fescue	L4 G3
Archibal (LA)	Slender creeping red fescue	S2 L2 L4	Bossanova (LA)	Strong creeping red fescue	L5
Arende (LA)	Smooth-stalked meadow-grass	L2	Brahms	Chewings fescue	L3 G2
Arletta	Browntop bent	L7 G1	Broadway	Smooth-stalked meadow-grass	S2 L2
Arrowtown	Browntop bent	L7 G1	Cabarette	Strong creeping red fescue	L5
Avalon	Velvet bent	L7 G1	Cabrio	Perennial ryegrass	L1 G4
Barbirdie	Chewings fescue	L3 G2	Cachemire	Perennial ryegrass	S1 L1
Barcampsia	Tufted hair-grass	S4 L9	Cadix	Perennial ryegrass	S1 L1
Barcesar	Tall fescue	S3 L8	Caldris	Chewings fescue	L3 G2
Barcristalla	Perennial ryegrass	S1 L1	Calico	Perennial ryegrass	S1 L1
Barcrown	Slender creeping red fescue	L4 G3	Callopie	Chewings fescue	L3 G2
Bardorado	Perennial ryegrass	S1	Calvada (LA)	Tall fescue	L8
Bardot	Browntop bent	L7	Camilla	Strong creeping red fescue	L5
Bareuro	Perennial ryegrass	S1 L1	Candela	Tufted hair-grass	L9
Bargold	Perennial ryegrass	S1 L1 G4	Cannavaro	Tall fescue	S3 L8
Bargreen	Chewings fescue	L3	Capri	Perennial ryegrass	S1 L1
Bargreen II	Chewings fescue	L3 G2	Capriccio	Chewings fescue	L3 G2
Barhelene	Smooth-stalked meadow-grass	S2 L2	Carioca	Chewings fescue	L3 G2
Barillion	Perennial ryegrass	S1	Carmania	Slender creeping red fescue	L4
Barimpala	Smooth-stalked meadow-grass	L2	Carmaniole	Strong creeping red fescue	L5
Bariris	Smooth-stalked meadow-grass	S2 L2	Carnac	Perennial ryegrass	S1 L1
BarKing	Browntop bent	L7 G1	Carusel	Slender creeping red fescue	L4 G3
Barlennium	Perennial ryegrass	S1 L1	Cassiopeia	Perennial ryegrass	S1 L1
Barleroy	Tall fescue	L8	Cathrine	Slender creeping red fescue	L4 G3
Barlexas II	Tall fescue	S3 L8	Cerete Centurion	Perennial ryegrass	S1 L1
Barlicum (LA)	Perennial ryegrass	S1 L1	Cezanne	Slender creeping red fescue	L4 G3
Barlineus	Chewings fescue	L3 G2	Chardin	Perennial ryegrass	S1 L1 G4
Barmalia	Slender creeping red fescue	L4	Charme	Chewings fescue	L3 G2
Barminton	Perennial ryegrass	L1	Chopin	Strong creeping red fescue	L5
Barolympic	Perennial ryegrass	S1 L1	Claudine (LA)	Perennial ryegrass	S1 L1
Barorlando	Perennial ryegrass	S1 L1	Clemens	Strong creeping red fescue	L5
Barpearl	Slender creeping red fescue	L4 G3	Clementine	Perennial ryegrass	S1 L1 G4
Barprince	Slender creeping red fescue	L4 G3	Cleopatra	Perennial ryegrass	S1 L1
Barrocky	Perennial ryegrass	S1 L1	Cobra nova	Creeping bent	G1
Barseille (LA)	Tall fescue	S3	Cochise	Tall fescue	S3
Barsignum	Perennial ryegrass	S1 L1 G4	Cocktail	Smooth-stalked meadow-grass	S2 L2
Barswing	Chewings fescue	L3 G2	Colonia (LA)	Smooth-stalked meadow-grass	S2 L2
Barsylvia	Strong creeping red fescue	L5	Columbine	Perennial ryegrass	S1 L1 G4
Bartender (LA)	Smooth-stalked meadow-grass	L2	Concerto	Perennial ryegrass	S1 L1
Bartwingo	Perennial ryegrass	L1	Conni	Smooth-stalked meadow-grass	S2 L2

Conrad 1	Perennial ryegrass	S1 L1	Heriot	Browntop bent	L7 G1
Corail	Strong creeping red fescue	L5	Highland	Highland bent	L7
Corrida	Slender creeping red fescue	L4 G3	Hightower	Strong creeping red fescue	L5
Corsaire	Slender creeping red fescue	L4	Himalaya	Perennial ryegrass	S1 L1
Crystal	Hard fescue	L6	Hugo 1	Perennial ryegrass	S1
CY2	Creeping bent	G1	Humboldt	Chewings fescue	L3 G2
Cyrena	Perennial ryegrass	S1 L1 G4	Jasperina	Strong creeping red fescue	L5
Debussy 1	Tall fescue	S3 L8	Javelin	Slender creeping red fescue	L4 G3
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 L1	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 (LA)	Strong creeping red fescue	L5
Egmont	Browntop bent	L7 G1	Lance (LA)	Browntop bent	L7
Egmontwo	Browntop bent	L7 G1	Libano	Slender creeping red fescue	L4 G3
Enesco (LA)	Perennial ryegrass	S1 L1	Libero	Perennial ryegrass	S1 L1
Escapade	Perennial ryegrass	S1 L1 G4	Libronco	Perennial ryegrass	L1
Esparina (LA)	Chewings fescue	L3 G2	Lichampion	Chewings fescue	L3 G2
Esquire	Perennial ryegrass	S1 L1	Lifrance	Perennial ryegrass	S1 L1
Essence	Perennial ryegrass	S1 L1	Ligala	Perennial ryegrass	S1 L1
Eterlou	Perennial ryegrass	L1	Limonica	Perennial ryegrass	S1 L1
Eugenius	Perennial ryegrass	S1 L1	Limousine	Smooth-stalked meadow-grass	S2 L2
EuroCarina (LA)	Chewings fescue	L3	Linares	Smooth-stalked meadow-grass	S2 L2
EuroCordus	Perennial ryegrass	S1 L1	Lincolnshire	Smooth-stalked meadow-grass	S2 L2
Eurocrown	Chewings fescue	L3 G2	Liromeo	Perennial ryegrass	S1 L1
Eurodiamond	Perennial ryegrass	S1 L1	Lisamba	Strong creeping red fescue	L5
EuroMarie	Slender creeping red fescue	L4 G3	Litango	Strong creeping red fescue	L5
Eurosport	Perennial ryegrass	S1 L1	Livision	Strong creeping red fescue	L5
Eventus (LA)	Perennial ryegrass	S1 L1	Livista	Chewings fescue	L3 G2
Evora	Smooth-stalked meadow-grass	S2 L2	Lourega	Perennial ryegrass	S1 L1
Excellence	Chewings fescue	L3 G2	Lucius	Perennial ryegrass	S1
Fabian	Perennial ryegrass	S1s	Luisa	Chewings fescue	L3 G2
Fancy	Perennial ryegrass	S1	Mackenzie	Creeping bent	G1
Fandango	Perennial ryegrass	S1 L1	Madrid	Perennial ryegrass	S1 L1
Finesto (LA)	Slender creeping red fescue	L4 G3	Magitte	Strong creeping red fescue	L5
Flamenco	Perennial ryegrass	S1 L1	Malibu	Perennial ryegrass	L1
Florianne	Perennial ryegrass	S1 L1	Manetto	Hard fescue	L6 G5
Forever	Perennial ryegrass	L1	Manor	Browntop bent	L7 G1
Francesca (LA)	Perennial ryegrass	L1	Marcellina (LA)	Perennial ryegrass	S1 L1
Franklin	Strong creeping red fescue	L5	Margarita	Perennial ryegrass	S1 L1
Frontliner	Perennial ryegrass	L1	Maritza	Chewings fescue	L3
Fulmar (LA)	Chewings fescue	L3	Mascot (LA)	Perennial ryegrass	S1 L1
Galina (LA)	Browntop bent	G1	Masterpie	Tall fescue	S3 L8
Grande II	Tall fescue	S3 L8	Maxima 1	Strong creeping red fescue	L5
Greenbrooks	Tall fescue	S3 L8	Mazurka (LA)	Strong creeping red fescue	L5
Greendwarf	Tall fescue	S3	Meandre	Tall fescue	L8
Greenfair	Perennial ryegrass	S1 L1 G4	Melbourne	Perennial ryegrass	S1 L1
Greenglide	Perennial ryegrass	S1 L1	Melitta	Chewings fescue	L3 G2
Greenmile	Chewings fescue	L3 G2	Mellori	Strong creeping red fescue	L5
Greenplay	Smooth-stalked meadow-grass	S2 L2	Melyane	Tall fescue	S3 L8
Greensky	Perennial ryegrass	S1 L1	Mentor	Hard fescue	L6
Greensleeves	Chewings fescue	L3 G2	Menuet (LA)	Perennial ryegrass	L1
Greenspeed	Browntop bent	L7 G1	Mercitwo	Perennial ryegrass	S1 L1 G4
Greentime	Browntop bent	L7	Mezzoforte	Slender creeping red fescue	L4 G3
Greenvie	Strong creeping red fescue	L5	Miracle	Smooth-stalked meadow-grass	S2 L2
Greenway	Perennial ryegrass	S1 L1 G4	Mirador	Slender creeping red fescue	L4 G3
Hardtop	Hard fescue	L6 G5	Mission	Chewings fescue	L3 G2
Harmonie	Smooth-stalked meadow-grass	S2 L2	Mondial	Perennial ryegrass	S1 L1
Hastings (LA)	Strong creeping red fescue	L5	Monroe	Perennial ryegrass	S1 L1 G4
Hayley (LA)	Perennial ryegrass	S1 L1	Montjeu	Slender creeping red fescue	L4 G3
Heidrun	Strong creeping red fescue	L5	Monuela	Chewings fescue	L3 G2
Helena	Slender creeping red fescue	L4 G3	Mozart 1	Smooth-stalked meadow-grass	S2 L2
Herald	Strong creeping red fescue	L5	Musette (LA)	Slender creeping red fescue	L4 G3

Musica	Chewings fescue	L3 G2	Shania (LA)	Perennial ryegrass	S1 L1
Mystic	Strong creeping red fescue	L5	Shorty	Perennial ryegrass	S1 L1
Nagano	Perennial ryegrass	S1 L1	Sirtaky	Perennial ryegrass	S1 L1
Neruda 1	Perennial ryegrass	S1 L1	Siskin (LA)	Chewings fescue	L3 G2
Nicole	Slender creeping red fescue	G3	Smirna	Slender creeping red fescue	L4 G3
Nigella	Slender creeping red fescue	L4 G3	Solo	Rough stalked meadow-grass	M1
Nikky	Chewings fescue	L3 G2	Sombrero	Smooth-stalked meadow-grass	S2 L2
Nordic	Hard fescue	L6	SR 1119	Creeping bent	G1
Olivia	Chewings fescue	L3 G2	Starlett	Tall fescue	L8
OO7 DSB	Creeping bent	G1	Stolawn	Perennial ryegrass	S1 L1
Panduro	Smooth-stalked meadow-grass	S2 L2	Stravinsky	Perennial ryegrass	S1 L1
Papilio (LA)	Slender creeping red fescue	L4	Supra (LA)	Prostrate meadow-grass	M1
Parsifal	Smooth-stalked meadow-grass	S2 L2	Susana	Tall fescue	L8
Pascal (LA)	Perennial ryegrass	S1 L1	Swing (LA)	Strong creeping red fescue	L5
Passion	Perennial ryegrass	L1	Taya	Perennial ryegrass	L1
Pebbles (LA)	Hard fescue	L6	Tetragreen	Perennial ryegrass	S1s
Penn A-1	Creeping bent	L7 G1	Tiger Nova	Browntop bent	L7
Penn A-4	Creeping bent	L7 G1	Tophat 2	Perennial ryegrass	L1
Penn G-6	Creeping bent	G1	Touche	Smooth-stalked meadow-grass	S2 L2
Piccolo	Timothy	M1	Traffic	Perennial ryegrass	S1 L1
Pinafore	Slender creeping red fescue	L4	Trakaj	Tufted hair-grass	S4 L9
Platinum	Perennial ryegrass	S1 L1	Transate	Perennial ryegrass	S1 L1
Polana	Browntop bent	G1	Tremont	Slender creeping red fescue	L4 G3
Polka	Strong creeping red fescue	L5	Trophy	Chewings fescue	L3 G2
Ponderosa	Perennial ryegrass	S1 L1	Troville	Chewings fescue	L3 G2
Pontiac	Perennial ryegrass	L1	Troy	Browntop bent	L7 G1
Poseidon	Perennial ryegrass	S1 L1 G4	Turfgold	Perennial ryegrass	S1 L1
Promotor	Perennial ryegrass	S1 L1	Turner 1	Slender creeping red fescue	L4 G3
Quatro	Sheep's fescue	L6 G5	Tyee	Creeping bent	G1
Ragtime	Perennial ryegrass	S1 L1	Valdora	Slender creeping red fescue	L4 G3
Raisa	Chewings fescue	L3 G2	Valetta (LA)	Chewings fescue	G2
Ramona	Chewings fescue	L3 G2	Venice	Perennial ryegrass	L1
Raymond	Chewings fescue	L3	Verdi	Perennial ryegrass	S1 L1
Recital (LA)	Perennial ryegrass	S1 L1	Vesper	Velvet bent	G1
Red Peak (LA)	Strong creeping red fescue	L5	Vesuvius	Perennial ryegrass	S1 L1
Reggae	Slender creeping red fescue	L4 G3	Viktorka	Slender creeping red fescue	L4 G3
Relevant	Strong creeping red fescue	L5	Villa 1	Velvet bent	L7 G1
Reliant II	Hard fescue	L6	Villa 2 (LA)	Velvet bent	G1
Ritmo	Perennial ryegrass	L1	Vitellius	Perennial ryegrass	S1 L1
Romance	Perennial ryegrass	S1	Vulcanus (LA)	Perennial ryegrass	L1
Rossinante	Strong creeping red fescue	L5 G5	Wagner 1	Chewings fescue	L3 G2
Runner (LA)	Creeping bent	L7	Wapiti (LA)	Chewings fescue	L3 G2
Ryder	Strong creeping red fescue	L5	Wendy Jean (LA)	Strong creeping red fescue	L5
Sabrene 1	Rough stalked meadow-grass	M1	Yvette	Smooth-stalked meadow-grass	S2 L2
Sakura (LA)	Perennial ryegrass	L1	Zenia (LA)	Perennial ryegrass	S1 L1
Samanta	Slender creeping red fescue	L4 G3	Zeptor	Smooth-stalked meadow-grass	S2 L2
Scorpiones	Tall fescue	S3			
Sefton	Browntop bent	L7 G1			
Sergei	Strong creeping red fescue	L5			

UK Agents

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

BAR Barenbrug UK Ltd.

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

G Germinal GB Ltd

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

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
www.carneau.fr

DLF/JNS DLF –Trifolium Ltd/Johnsons Sports Seed

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

DSV Deutsche Saatveredelung AG

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

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

LMG Limagrain UK Ltd

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

RT Rigby Taylor Ltd.

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

SUT Suttons Consumer Products Ltd.

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

TG Top Green

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

Contact Details

British Society of Plant Breeders Limited (BSPB)

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

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



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Bingley, West Yorkshire
BD16 1AU

Tel 01274 565131
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