



Turfgrasses Seed 2007

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

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 BSPB Amenity Committee and the STRI

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.

Guide to using Turfgrass Seed 2007

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 2007 but in smaller amounts where shown as LA (limited availability). The full names and addresses for the seed suppliers representing grasses in the tables are presented on page 28. For grasses where no main agent is identified, the breeder is listed and 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.

The information presented in Turfgrass Seed 2007 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. 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 two trials this year.

Series S

Sports Uses (Mown at 25mm)

Perennial Ryegrass (Table S1)

Smooth-stalked meadow-grass (Table S2)

Tall Fescue (Table S3)

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. This characteristic is 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.

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.

Series S

Sports Uses (Mown at 25mm)

Table S1

Perennial Ryegrass (*Lolium perenne*)

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fitness of leaf	Cleanliness of cut	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Bizet 1	7.6	7.7	7.7	7.2	6.2	6.0	5.9	6.7	5.8	6.7	DLF/INNO/JNS
Ligala (LA)	7.2	7.7	7.4	7.7	7.5	8.0	5.3	5.7	5.5	5.9	DLF/JNS
Lucius (LA)	7.1	7.7	7.4	6.2	8.4	7.9	6.4	5.1	5.2	5.5	BSH
Cadix	6.9	7.6	7.2	7.1	7.5	7.3	6.1	5.2	5.7	5.8	BSH
Churchill	7.6	6.7	7.2	6.0	7.2	5.9	6.4	5.4	8.0	6.3	DLF/INNO/JNS
Hugo 1	6.8	7.5	7.2	6.5	5.2	5.5	6.6	5.1	5.5	6.1	DLF/INNO/TG
Greenfair	6.9	7.4	7.1	5.7	6.8	6.7	6.3	5.9	5.6	6.8	SUT/TG
Verdi	7.5	6.8	7.1	6.6	6.1	5.4	5.8	5.4	6.1	6.9	DLF/JNS
Barlennium	7.4	6.7	7.1	6.0	6.8	5.4	6.1	6.4	7.8	8.0	BAR
Action	6.9	7.2	7.1	6.6	6.1	6.4	6.0	6.7	5.1	5.6	RT/TG
Romance	6.9	7.2	7.1	7.4	7.0	6.5	5.4	5.3	6.5	5.4	BAR
Jade	6.8	7.2	7.0	6.8	6.2	6.2	5.6	6.4	5.4	5.6	DLF
Essence	7.4	6.7	7.0	5.7	7.5	6.7	6.3	4.5	5.7	5.0	DLF/INNO
Yorktown III	7.5	6.5	7.0	5.5	6.7	5.6	6.2	6.3	6.4	6.3	DLF
Ponderosa	7.1	6.8	7.0	6.2	7.4	5.9	5.7	5.4	6.6	6.1	DLF
Sourire	6.7	7.1	6.9	7.5	6.5	6.4	6.5	5.9	5.9	6.6	REGA
Barlinda	6.7	7.1	6.9	6.7	5.8	5.1	5.0	4.8	6.5	4.0	BAR
Greenway	6.8	6.9	6.9	6.2	7.3	7.7	6.2	6.2	6.2	6.4	SUT/TG
Concerto	6.6	7.1	6.8	7.4	6.5	5.4	6.6	5.9	6.3	6.4	BAR
Tapiola	6.8	6.9	6.8	7.1	6.0	5.4	6.0	5.6	5.7	4.9	DLF
Bareuro	6.7	7.0	6.8	7.0	6.8	7.0	7.4	5.8	5.2	6.2	BAR
Ragtime	6.5	7.1	6.8	6.3	6.3	6.1	6.5	6.4	6.1	6.5	DLF
Advent	7.3	6.3	6.8	5.9	6.1	5.3	6.5	5.5	6.7	5.7	INNO
Ritmo	6.7	6.7	6.7	6.4	7.5	6.2	6.8	6.7	5.5	6.8	DLF
Sanremo	6.3	7.0	6.7	6.6	5.5	6.6	5.8	5.9	5.8	5.8	ADV
Gator	6.6	6.8	6.7	6.1	5.0	5.4	6.2	5.1	6.0	5.3	INNO
Platinum	7.1	6.3	6.7	6.0	5.8	5.4	6.4	5.5	7.1	6.3	DLF
Danilo	6.7	6.6	6.7	6.2	6.0	5.2	6.4	6.6	5.8	5.4	DLF
Margarita	6.2	7.0	6.6	6.6	7.2	7.0	5.8	5.3	6.6	6.7	DLF
Elan	6.5	6.8	6.6	6.3	5.8	4.8	6.2	6.3	4.5	5.1	RT
Aber@Elf	6.6	6.6	6.6	6.8	6.6	6.1	7.2	6.6	5.2	7.3	BSH
Conrad 1	6.4	6.7	6.6	6.2	7.1	6.7	5.5	6.4	7.2	6.0	DLF/INNO
Aber@Imp	6.5	6.5	6.5	5.1	6.5	5.7	7.4	5.7	4.8	7.2	BSH
Aber@Sprite	6.4	6.7	6.5	5.0	6.5	6.3	8.1	6.8	6.1	7.3	BSH
Doremi	6.1	6.8	6.5	5.6	7.4	6.2	7.2	6.8	5.3	7.1	ADV
Stravinsky	6.8	6.1	6.4	5.6	6.3	5.0	5.5	6.7	9.0	8.7	DLF/INNO
Renoir (LA)	6.1	6.8	6.4	4.5	5.4	6.1	5.2	5.1	5.6	5.8	INNO
Delaware Dwarf	6.5	6.2	6.4	5.6	5.1	5.2	6.3	5.6	6.6	5.4	DLF
Claudius	6.4	6.4	6.4	6.2	5.3	5.0	4.9	7.2	5.7	6.4	EGB
Lex 86	6.4	6.3	6.4	5.8	6.4	6.1	6.2	5.9	5.9	6.0	EGB
Liwinner	6.8	5.9	6.4	6.8	6.6	6.2	6.1	5.1	6.9	5.9	EGB
Sunbright	6.6	6.0	6.3	4.6	7.6	6.5	6.7	6.2	7.5	7.9	BSH
Plaisir	6.1	6.5	6.3	6.8	6.0	6.4	6.3	6.9	5.5	7.4	REGA
Tucson	6.2	6.4	6.3	6.1	6.5	6.5	6.7	5.5	4.6	5.7	RT
Barminton	6.1	6.5	6.3	5.9	6.7	6.1	6.8	5.0	5.6	6.7	BAR
Fancy	6.7	5.9	6.3	5.1	6.0	6.0	5.9	5.5	6.4	5.7	FELDSTN
Titus	6.2	6.4	6.3	6.6	6.3	7.0	7.0	5.9	5.3	5.3	BSH/EGB
Polarstar	7.4	5.2	6.3	5.8	5.6	5.2	6.4	5.4	8.2	8.8	INNO
Bargold	5.9	6.4	6.2	5.0	8.1	8.2	7.2	6.3	5.5	6.7	BAR
Barmona	6.5	5.9	6.2	5.8	6.8	6.2	5.5	4.8	6.7	6.7	BAR
Numan	6.2	6.2	6.2	5.6	5.9	5.4	6.5	5.7	6.3	6.3	INNO
Evita	6.2	6.1	6.2	5.5	7.0	7.5	5.0	6.4	6.6	6.6	DLF/INNO
Jessica	6.0	6.3	6.2	7.7	7.4	7.7	5.1	5.2	5.5	6.2	DLF

Table S1 Continued

	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fitness of leaf	Cleanness of cut	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Fragment	6.5	5.9	6.2	5.4	6.3	5.6	6.7	6.4	5.4	6.7	ADV
Capri	6.5	5.8	6.1	5.7	5.9	5.5	5.4	6.5	5.9	5.8	DLF
Ballet	6.1	6.1	6.1	5.5	6.2	6.1	6.4	5.1	5.9	4.8	TG
Disco	6.2	5.9	6.1	5.0	5.9	5.8	6.0	5.4	6.1	5.3	ADV
Sauvignon	6.1	6.0	6.0	6.4	7.1	7.6	6.8	5.0	6.2	6.4	DLF
Master	6.1	5.9	6.0	6.2	4.2	3.7	3.7	6.0	6.5	4.2	ADV
Lifrance	6.0	6.0	6.0	5.5	5.2	6.3	6.1	6.9	6.0	5.9	REGA
Liolympic	5.6	6.3	6.0	6.0	6.4	6.2	5.3	5.9	5.5	5.9	REGA
Orval	5.8	6.0	5.9	6.2	5.4	6.7	5.6	6.3	6.3	6.2	REGA
Twingo	5.6	6.3	5.9	6.2	6.0	7.5	6.7	6.1	5.3	4.4	ADV
Funk	5.7	6.1	5.9	6.1	7.4	7.1	6.5	5.7	5.8	5.5	RAGT
Esquire	6.1	5.7	5.9	5.3	5.5	5.1	5.7	6.2	6.9	7.2	DLF
Recital	5.9	5.9	5.9	5.1	7.2	7.1	6.6	6.9	6.1	7.4	RAGT
Coquin	6.2	5.6	5.9	5.2	6.1	6.1	5.8	7.2	5.6	6.4	REGA
Brio	6.0	5.7	5.8	5.3	6.0	6.2	6.4	6.0	6.2	6.7	REGA
Rivage (LA)	5.9	5.8	5.8	7.0	6.7	6.1	6.1	5.0	6.3	6.7	REGA
Barlady	5.3	6.3	5.8	6.7	8.2	8.6	5.7	6.6	4.7	6.2	BAR
Chaparral	6.3	5.2	5.8	5.5	6.4	5.7	6.7	6.9	5.2	6.5	TSE
Merci	5.8	5.8	5.8	6.2	6.9	6.3	5.8	6.4	5.2	5.7	RT/TG
Superstar	6.0	5.5	5.7	5.8	4.9	5.7	3.3	5.6	6.2	4.5	RT/TG
Fairway	6.0	5.5	5.7	5.9	6.3	5.2	5.9	5.7	6.5	7.4	TSE
Caddy	5.6	5.8	5.7	5.5	5.7	5.3	6.3	5.5	4.9	5.0	ADV
Lugano	5.7	5.8	5.7	6.0	6.2	5.7	6.4	5.6	5.9	5.9	ADV
Vienna	5.6	5.8	5.7	5.8	5.0	5.2	5.6	5.8	5.2	5.8	ADV
Neruda 1	6.1	5.3	5.7	5.1	5.0	5.4	5.9	6.9	9.2	8.4	DLF
Lisabelle	5.6	5.6	5.6	6.2	5.5	6.3	4.8	6.0	5.6	5.8	EGB
Panache	5.9	5.4	5.6	4.9	5.6	6.2	5.5	5.6	6.5	5.2	REGA
Talگو	5.6	5.6	5.6	6.1	5.6	5.8	6.2	6.3	6.0	5.2	BSH
Ace	5.1	5.8	5.5	6.4	7.6	7.1	7.1	6.2	4.3	5.7	RT/TG
Livonne	5.6	5.2	5.4	6.3	5.7	6.1	6.0	6.2	6.0	4.7	EGB
Greenflash	5.2	5.5	5.3	6.0	6.8	7.1	6.2	5.1	5.2	6.1	RT/TG
Mondial	5.1	5.0	5.1	5.3	4.7	4.6	6.0	6.0	5.0	5.5	ADV
Barrage	5.0	5.0	5.0	6.0	4.6	4.3	4.7	7.7	5.3	4.7	BAR
Juwel	5.0	4.2	4.6	4.2	4.2	4.4	4.0	6.1	5.2	4.7	DLF

New Cultivars

Melbourne (LA)	7.7	8.2	7.9	7.6	8.2	8.2	*	8.7	6.2	6.2	ADV
Vesuvius	7.6	8.3	7.9	7.8	7.9	7.6	*	6.6	5.0	6.2	BSH
Gallius	7.6	7.9	7.8	6.7	7.0	6.3	*	6.0	7.4	7.8	BSH
Fandango (LA)	7.2	7.6	7.4	7.7	7.3	6.8	*	6.7	6.6	5.6	BAR/DLF
Vitellius (LA)	7.1	7.5	7.3	7.8	6.4	6.4	*	6.6	6.6	6.8	BSH
Transate	6.9	7.3	7.1	6.6	6.2	6.3	*	7.7	6.4	6.2	REGA
Twyplay (LA)	6.6	7.4	7.0	8.5	7.8	8.7	*	6.7	5.7	6.6	DLF
Flamenco (LA)	6.9	6.9	6.9	6.3	6.8	7.0	*	6.0	6.6	6.2	DLF
Bardorado (LA)	6.8	6.9	6.9	7.2	7.0	5.3	*	6.5	5.4	5.2	BAR
Berlioz 1 (LA)	6.7	7.0	6.8	6.8	7.0	6.5	*	6.8	6.2	5.7	INNO
Bellini 1 (LA)	6.4	6.8	6.6	7.1	6.0	6.1	*	4.9	6.0	6.2	INNO
Libero (LA)	6.3	6.5	6.4	5.9	7.0	7.5	*	6.2	7.1	6.9	DLF
Cleopatra	6.0	6.8	6.4	7.6	5.8	6.0	*	7.7	5.2	5.6	DLF
Listz 1 (LA)	6.2	6.4	6.3	6.7	6.4	7.1	*	5.8	7.4	5.9	INNO
Beatrice	6.0	6.7	6.3	7.0	5.8	6.6	*	4.9	5.7	5.6	DLF
Liromeo (LA)	6.2	6.4	6.3	6.4	6.1	6.8	*	7.7	7.3	6.8	EGB
Limonica (LA)	6.1	6.2	6.1	6.1	5.3	5.7	*	6.9	7.6	7.6	EGB

The data for disease resistance and colour come from more than one type of trial
The data for cleanness of cut come from the lawn trial

* Data not available.

Series S

Sports Uses (Mown at 25mm)

Table S2

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

Cultivar	Live ground cover	Visual merit	Mean	Recovery	Shoot density	Fineness of leaf	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Julius	7.4	7.6	7.5	7.4	7.5	6.3	5.4	5.9	5.4	DLF/INNO
Julia	7.3	7.6	7.4	7.6	6.7	6.0	6.4	6.8	5.6	BSH/INNO
Limousine	7.0	7.2	7.1	7.2	8.3	7.3	4.6	6.4	5.2	DLF/JNS
Clovis (LA)	6.7	7.4	7.0	7.4	7.1	5.9	6.7	4.8	4.5	INNO
Lily	7.2	6.6	6.9	6.8	4.5	3.9	5.4	4.5	5.9	EGB
Lincolnshire	6.4	7.1	6.8	6.7	6.6	6.6	5.1	7.0	5.5	DLF
Panduro	6.7	6.9	6.8	5.1	5.9	5.7	6.2	6.6	5.4	DLF
Yvette	6.8	6.7	6.8	6.2	7.2	6.8	7.2	6.8	5.5	ADV
Broadway	6.6	6.7	6.7	7.1	6.4	5.4	6.0	6.1	6.4	RT/TG
Kariba	6.8	6.3	6.6	6.0	4.3	4.0	5.6	5.6	5.9	RT/TG
Cocktail	6.3	6.5	6.4	6.1	7.5	7.5	6.4	6.3	6.4	ADV
Festina (LA)	6.5	6.2	6.4	5.7	6.8	7.4	6.1	5.6	6.0	ADV
Ikone	6.2	6.6	6.4	6.8	6.2	5.2	6.2	6.6	5.6	RT
Miracle	6.5	6.3	6.4	6.1	6.6	5.8	7.2	6.2	7.1	DLF/INNO
Princeton	6.4	6.2	6.3	6.2	5.1	4.7	6.9	6.6	5.7	RAGT
Greenknight	6.2	6.2	6.2	6.5	5.3	4.5	6.0	6.1	6.6	RT/TG
Eva	6.1	6.3	6.2	6.9	7.2	7.3	5.9	5.0	8.2	BSH/SW
Cynthia	6.0	5.6	5.8	5.6	6.5	7.4	5.5	5.2	5.4	ADV
Conni	5.8	5.8	5.8	6.1	6.3	6.6	6.1	5.9	6.0	DLF
Bartender	5.5	5.5	5.5	5.8	5.5	6.0	4.8	7.2	5.8	BAR
Greensport	5.2	5.7	5.5	5.8	6.7	6.8	6.1	5.6	6.1	RT/TG
Lipatos (LA)	5.3	5.5	5.4	5.0	6.0	6.2	5.7	5.8	6.4	EGB
Evora	4.8	4.5	4.7	4.8	4.4	4.9	5.6	5.7	6.4	DLF/INNO
Opal	4.4	4.5	4.5	4.8	6.0	7.5	4.2	4.7	5.4	SEN
New Cultivars										
Linares (LA)	7.2	7.0	7.1	6.2	8.4	8.0	*	4.7	5.6	DLF
Pentagon	5.6	6.0	5.8	5.7	6.3	7.1	*	6.7	5.2	DLF
Limerick	4.8	4.9	4.9	5.7	6.5	7.2	*	6.5	5.4	EGB

Table S3

Tall Fescue (*Festuca arundinacea*)

Cultivar	Live ground cover	Visual merit	Mean	Shoot density	Fineness of leaf	Winter greenness	Summer greenness	Agent
Susana	6.4	7.3	6.8	6.6	6.1	6.4	5.6	
Scorpiones	6.9	6.7	6.8	6.5	6.2	6.2	6.9	RT/TG
Barlexas II	6.5	6.7	6.6	6.2	6.0	6.8	7.2	BAR
Cochise	6.6	6.5	6.5	6.2	5.8	6.9	5.9	DLF
Farandole	7.0	6.0	6.5	7.7	6.4	5.0	7.4	TSE
Amalia	5.0	5.7	5.4	6.4	6.7	6.9	6.0	DLF/JNS
New Cultivars								
Greendwarf	6.1	6.5	6.3	5.8	6.8	7.4	6.6	RT/TG

*Data not yet available

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

Series L

Lawns, Landscaping, Summer Sports and Turf Trial (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)

Applications

Professional and domestic lawns

Fairways

Cricket

Tennis courts

General landscaping

Perennial ryegrasses are ranked in Table L1 (pages 10 and 11), smooth-stalked meadow-grasses in Table L2 (page 12) and tall fescues in Table L8 (page 17) on their mean performance for shoot density, fineness of leaf, slow regrowth and visual merit.

Fescues are ranked in Tables L3 to L6 (pages 13-16) on their mean performance for shoot density and visual merit.

Bentgrasses are ranked in Table L7 (page 17) 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 the cultivar of 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.

Series L

Lawns, Landscaping, Summer Sports and Turf Trial (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	Agent
Aber@Sprite	9.2	7.4	8.2	8.7	8.4	6.6	7.9	6.2	7.3	BSH
Aber@Imp	9.0	7.1	7.7	8.3	8.0	5.9	7.4	5.2	6.9	BSH
Bargold	8.0	8.6	6.5	8.1	7.8	6.5	6.9	5.7	6.3	BAR
Barlady	8.0	8.0	6.7	7.8	7.6	6.4	5.7	5.2	6.0	BAR
Sauvignon	8.3	8.0	6.1	7.5	7.5	5.1	6.7	6.3	6.4	DLF/JNS
Aber@Elf	7.7	7.1	6.5	8.1	7.4	6.6	7.4	5.3	7.3	BSH
Ligala (LA)	7.4	7.5	6.1	7.7	7.2	6.3	4.8	5.5	5.3	DLF/JNS
Evita	7.4	7.9	5.8	7.7	7.2	6.5	4.7	6.7	6.6	DLF/INNO
Conrad 1	7.4	7.5	6.2	7.4	7.1	6.3	5.3	7.3	6.0	DLF/INNO
Ace	7.4	7.4	6.4	7.1	7.1	6.3	7.0	4.4	5.7	RT/TG
Funk	7.5	7.0	6.4	7.3	7.1	6.8	6.4	5.5	5.6	RAGT
Jessica	7.7	7.1	6.0	7.3	7.0	5.0	5.4	5.4	6.1	DLF
Greenway	7.1	7.4	6.3	7.2	7.0	6.0	5.9	6.3	6.4	SUT/TG
Margarita	7.0	7.8	5.5	7.6	7.0	5.1	5.6	6.7	6.7	DLF
Bareuro	7.3	7.1	6.5	6.8	6.9	5.9	7.1	5.0	6.2	BAR
Bellevue	7.0	7.2	6.5	6.8	6.9	6.5	6.7	6.6	6.5	FELDSTN
Greenflash	6.9	6.2	7.0	7.1	6.8	4.6	6.2	5.6	6.3	RT/TG
Tucson	6.6	6.7	7.2	6.7	6.8	5.5	6.6	4.7	5.8	RT
Sunbright	6.4	7.3	7.2	6.2	6.8	5.7	6.7	7.4	7.6	BSH
Bellamini	7.3	7.0	5.9	6.7	6.7	6.5	5.2	5.9	5.2	DLF
Lucius (LA)	6.9	6.7	6.7	6.7	6.7	5.3	6.2	5.6	5.7	BSH
Plaisir	6.8	6.9	6.2	7.0	6.7	6.9	6.4	5.6	7.4	REGA
Merci	6.3	7.3	6.3	6.8	6.7	6.5	5.7	5.3	5.6	RT/TG
Barsandra	7.3	7.3	5.9	6.2	6.7	5.7	7.4	6.2	5.0	BAR
Titus	6.4	7.8	5.6	6.9	6.6	5.9	6.9	5.4	5.4	BSH/EGB
Greenfair	6.7	6.6	6.4	6.9	6.6	5.9	6.1	6.0	7.0	SUT/TG
Pontiac	7.0	5.5	7.9	6.2	6.6	4.9	6.8	4.7	6.4	ADV
Recital	7.0	6.3	6.8	6.4	6.6	6.8	6.3	6.2	7.4	RAGT
Sourire	6.9	7.2	5.7	6.6	6.6	6.4	6.4	5.9	7.1	REGA
Bareine	6.1	7.5	6.9	6.0	6.6	5.0	6.2	4.1	4.2	BAR
Amadeus	6.5	6.8	6.5	6.5	6.6	7.5	6.6	6.3	6.8	ADV
Ritmo	6.7	6.3	6.4	6.9	6.6	6.7	6.7	5.6	6.9	DLF
Bartwingo	6.8	6.9	6.2	6.2	6.5	5.6	7.5	4.9	6.1	BAR
Barlennium	6.6	5.3	8.3	5.9	6.5	6.5	6.3	7.8	7.8	BAR
Cadix	6.6	6.9	6.3	6.2	6.5	5.1	5.8	5.8	5.9	BSH
Orval	5.9	6.7	6.9	6.2	6.4	6.2	5.4	6.1	6.4	REGA
Ballet	5.9	6.2	7.0	6.5	6.4	5.2	6.3	6.0	4.8	RT/TG
Ragtime	6.7	6.0	5.7	7.0	6.4	6.1	6.5	5.8	6.5	DLF
Lorina	6.3	6.3	6.7	6.1	6.4	4.8	7.2	4.0	6.5	SAAT
Libronco	6.2	5.9	7.5	5.8	6.3	6.8	6.4	7.2	6.9	DLF
Lifrance	5.8	6.8	6.5	6.2	6.3	6.8	5.8	6.1	6.0	REGA
Brio	6.8	6.3	5.4	6.8	6.3	5.9	6.1	6.3	6.7	REGA
Stravinsky	6.8	4.8	7.1	6.5	6.3	6.9	5.8	8.9	8.4	DLF/INNO
Livonne	6.3	6.7	5.8	6.4	6.3	6.2	5.8	6.1	4.8	EGB
Action	6.1	6.8	5.5	6.7	6.3	6.4	5.8	5.2	5.6	RT/TG
Neruda 1	6.5	5.6	6.5	6.5	6.3	7.4	6.3	9.4	8.2	DLF
Polarstar	6.0	5.6	7.7	5.7	6.3	5.2	6.2	8.3	8.8	INNO
Forman	6.2	5.1	7.8	5.9	6.3	6.1	5.8	8.1	7.9	INNO
Naty (LA)	6.2	5.9	6.3	6.5	6.2	7.9	5.7	6.7	6.1	REGA

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
Esquire	6.2	5.2	7.5	5.9	6.2	6.6	5.9	6.9	7.2	DLF
Barminton	6.3	5.9	6.3	6.3	6.2	5.5	6.5	5.4	6.6	BAR
Liolympic	5.8	5.3	6.9	6.6	6.1	5.8	5.0	5.6	5.9	REGA
Bizet 1	6.4	5.7	5.4	6.8	6.1	6.6	5.6	5.9	6.8	DLF/INNO/JNS
Essence	5.8	6.8	6.0	5.7	6.1	4.5	6.1	5.8	5.1	DLF/INNO
Twingo	6.0	6.2	5.9	6.2	6.1	5.9	6.2	5.4	4.9	ADV
Jade	5.8	6.0	6.0	6.3	6.0	6.5	5.5	5.5	5.7	DLF
Concerto	6.2	5.4	6.1	6.3	6.0	5.9	6.3	6.4	6.4	BAR
Fragment	6.1	5.9	5.9	6.1	6.0	6.5	6.5	5.5	6.7	ADV
Lex 86	6.1	5.8	6.0	6.1	6.0	5.6	5.9	5.7	6.2	EGB
Renoir (LA)	5.9	6.0	5.6	6.3	6.0	5.2	4.8	5.7	5.5	INNO
Platinum	5.8	6.2	6.5	5.4	6.0	5.3	6.2	7.2	6.4	DLF
Ponderosa	5.8	6.2	6.5	5.3	5.9	5.0	5.7	6.2	6.0	DLF
Doremi	5.9	5.2	6.1	6.4	5.9	6.7	6.9	5.4	7.1	ADV
Superstar	5.6	5.7	5.8	6.2	5.8	5.5	2.8	6.2	4.6	RT/TG
Rivage (LA)	6.4	5.8	5.3	5.8	5.8	4.9	5.8	6.4	6.7	REGA
Advent	5.6	5.6	6.8	5.3	5.8	5.5	6.1	6.8	5.8	INNO
Lugano	5.6	5.6	5.6	6.5	5.8	5.4	6.1	6.0	5.9	ADV
Coquin	5.3	6.1	5.7	5.8	5.7	7.2	5.7	5.7	6.4	REGA
Disco	5.6	5.5	5.4	6.1	5.7	5.5	5.9	6.2	5.4	ADV
Romance	5.1	5.4	6.3	5.9	5.6	5.6	5.1	6.9	5.4	BAR
Fairway	5.4	5.9	5.8	5.4	5.6	5.5	5.7	6.7	7.4	TSE
Vienna	5.5	5.8	5.3	5.9	5.6	5.9	5.5	5.3	5.9	ADV
Numan	5.9	5.8	5.7	5.1	5.6	5.6	6.2	6.3	6.1	INNO
Verdi	5.5	5.3	6.5	5.1	5.6	5.5	5.7	6.2	7.0	DLF/JNS
Liwinner	5.9	6.0	5.9	4.6	5.6	5.0	5.8	7.0	5.9	EGB
Caddy	5.5	5.6	5.8	5.3	5.6	5.5	6.2	5.0	5.1	ADV
Eterlou	5.5	5.1	6.5	5.1	5.5	6.0	5.6	6.4	7.2	REGA
Danilo	5.9	5.4	5.3	5.5	5.5	6.5	6.4	6.3	5.8	DLF
Chagall	5.6	5.6	4.8	6.2	5.5	7.0	3.9	6.2	5.2	INNO
Yorktown III	5.4	5.6	5.9	5.1	5.5	6.3	6.1	6.5	6.3	DLF
Sanremo	5.3	5.5	5.3	6.0	5.5	5.7	5.6	5.9	5.8	ADV
Gator	5.0	4.7	6.9	5.1	5.4	5.0	6.2	5.8	5.4	INNO
Lisabelle	5.4	5.8	4.6	5.7	5.4	5.8	4.6	5.5	5.8	EGB
Talgo	5.3	5.7	4.7	5.5	5.3	6.4	6.1	5.7	5.2	BSH
Taya	5.1	5.0	5.9	5.2	5.3	6.4	6.0	5.0	5.5	DLF
Barlinda	4.8	5.6	5.3	5.4	5.3	5.2	4.7	6.6	4.7	BAR
Delaware Dwarf	5.1	5.1	5.9	4.9	5.2	5.7	6.0	6.5	5.4	DLF
Capri	4.8	5.4	5.3	5.2	5.2	6.5	5.1	6.0	5.9	DLF
Mondial	4.9	5.1	5.2	5.0	5.0	6.0	5.9	4.6	5.5	ADV
Ronja	5.0	5.8	4.9	4.3	5.0	6.6	6.7	4.8	4.2	SEN
Claudius	4.6	4.4	5.1	5.6	4.9	6.9	4.7	5.8	6.5	EGB
Barrage	4.6	3.5	5.8	5.1	4.8	7.7	4.6	5.2	5.2	BAR

New cultivars

Libero (LA)	7.9	7.9	7.1	7.7	7.6	4.6	6.6	6.6	6.7	DLF
Cassiopeia	7.8	7.3	6.6	7.7	7.3	7.9	6.1	6.2	5.6	DLF
Vesuvius	7.8	7.2	6.1	8.2	7.3	7.0	7.1	5.4	5.6	BSH
Greencup (LA)	7.0	6.4	8.1	6.8	7.1	7.2	7.4	6.0	6.7	RT/TG
Fandango (LA)	7.6	6.4	6.5	7.4	7.0	6.4	7.3	6.3	5.3	BAR/DLF
Beatrice	7.3	6.5	6.7	7.1	6.9	6.8	6.8	5.5	5.9	DLF
Twyplay (LA)	6.9	7.8	6.2	6.3	6.8	5.6	7.1	5.1	6.4	DLF
Liromeo (LA)	7.3	6.3	5.9	7.5	6.8	6.7	7.5	7.1	7.0	EGB
Listz 1 (LA)	7.1	6.2	6.6	7.0	6.7	6.9	5.3	6.3	6.0	INNO
Paradise	6.2	6.2	9.8	4.7	6.7	8.1	7.8	9.5	9.0	TSE/DLF
Applaud	7.0	5.5	7.5	6.9	6.7	5.8	6.7	8.6	8.2	RT/TG
Transate	7.2	6.3	6.1	7.2	6.7	7.4	6.5	6.3	6.4	REGA
Berlioz 1 (LA)	6.7	6.1	6.8	6.6	6.5	5.6	5.1	5.8	5.2	INNO
Vitellius (LA)	6.8	5.8	6.1	7.1	6.5	7.6	6.1	5.7	6.2	BSH
Limonica (LA)	6.5	5.4	6.2	6.5	6.1	4.6	6.5	7.5	7.7	EGB
Bellini 1 (LA)	6.6	5.9	5.0	6.6	6.0	6.5	4.5	5.7	5.5	INNO

Series L

Lawns, Landscaping, Summer Sports and Turf Trial (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 Red thread	Winter greenness	Summer greenness	Agent
Lincolnshire	8.3	7.7	6.2	8.3	7.6	5.0	7.0	5.4	DLF/JNS
Limousine	8.3	7.9	5.7	8.0	7.5	5.0	6.5	5.0	DLF/JNS
Festina (LA)	8.2	7.8	6.2	7.4	7.4	6.3	6.3	4.6	ADV
Yvette	7.6	7.6	6.4	7.5	7.3	6.9	6.4	5.0	ADV
Julius	8.2	7.4	5.7	7.5	7.2	5.8	6.5	4.2	DLF/INNO
Cocktail	7.1	7.4	6.0	7.6	7.0	6.2	7.2	6.8	ADV
Eva	7.2	7.0	6.0	6.8	6.7	5.9	4.1	7.6	BSH/SW
Miracle	6.7	6.7	6.6	6.5	6.6	6.9	6.3	7.2	DLF/INNO
Cesar (LA)	6.1	7.0	6.3	6.7	6.5	5.7	5.6	5.9	INNO
Lipatos (LA)	6.9	6.1	6.2	6.9	6.5	5.5	5.9	6.3	EGB
Conni	6.7	6.3	6.0	6.9	6.5	5.9	5.4	6.1	DLF
Greensport	6.9	6.2	5.3	6.9	6.3	5.9	5.5	6.3	RT/TG
Cynthia	5.9	7.4	5.9	6.0	6.3	5.2	5.8	5.1	ADV
Lipoa (LA)	6.2	6.3	6.5	5.9	6.2	6.7	5.9	6.4	EGB
Clovis (LA)	6.6	6.1	5.7	6.5	6.2	6.6	5.4	4.6	INNO
Bartender	5.6	5.3	7.4	6.4	6.2	4.5	7.3	5.4	BAR
Julia	6.2	6.4	5.7	6.2	6.1	6.1	5.9	5.1	BSH/INNO
Greenknight	5.9	5.9	6.0	5.9	5.9	5.6	5.8	6.6	RT/TG
Ikone	5.6	5.8	6.3	5.9	5.9	5.9	6.6	5.5	RT
Kariba	5.8	5.4	6.7	5.7	5.9	5.8	5.4	5.8	RT/TG
Broadway	6.3	5.3	5.2	6.8	5.9	6.2	5.8	6.3	RT/TG
Opal	5.6	6.8	5.9	4.7	5.8	4.3	4.1	5.5	SEN
Panduro	6.1	6.0	5.6	5.3	5.8	6.1	6.6	5.3	DLF
Princeton	5.4	4.9	6.4	5.8	5.6	6.5	6.6	5.6	RAGT
Lily	5.6	4.6	6.6	5.4	5.5	5.4	4.7	5.8	EGB
Haga (LA)	5.2	5.1	6.1	5.1	5.4	6.3	6.9	4.9	SEN
Evora	4.8	4.1	4.7	4.7	4.6	5.0	4.6	6.8	DLF/INNO
New Cultivars									
Linares (LA)	8.3	8.5	5.1	7.8	7.4	7.0	5.3	3.9	DLF
Larissa (LA)	7.8	7.9	6.1	5.5	6.8	7.0	4.9	4.2	DLF
Pentagon	6.9	6.7	6.5	6.9	6.8	6.0	5.4	5.5	DLF
Limerick	6.2	5.9	3.8	5.4	5.3	6.8	5.3	5.5	EGB

Series L

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

Table L3

Chewings Fescue (*Festuca rubra communtata*)

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Musica	8.5	8.4	8.4	6.4	6.3	8.7	DLF/JNS
Carioca	7.5	7.8	7.7	6.5	6.1	5.7	DLF/JNS
Dorianna (LA)	7.3	7.9	7.6	7.8	7.0	5.6	BSH
Greensleeves	7.3	7.8	7.6	7.2	6.1	5.4	RT/TG
Center	7.2	6.9	7.1	6.6	5.4	6.1	DLF/INNO
Legende	7.1	6.8	7.0	5.2	6.3	6.8	DLF
Luisa	7.1	6.8	7.0	5.7	7.0	7.1	BSH
Raisa	7.2	6.6	6.9	5.4	6.5	5.5	BSH
Barbirdie	6.9	6.9	6.9	6.3	6.8	5.6	BAR
Nadia	6.7	7.0	6.8	6.5	5.5	5.9	SEN
Monuela	7.0	6.6	6.8	7.0	5.7	7.5	ADV
Calliope	7.2	6.4	6.8	5.4	4.4	7.2	RT/TG
Waldorf	6.8	6.7	6.8	7.0	5.9	6.4	ADV
Barswing	6.6	6.9	6.7	7.4	6.2	5.1	BAR
Lobi	6.7	6.7	6.7	6.2	6.8	6.2	EGB
Baroxi	6.6	6.7	6.7	5.9	6.8	4.9	BAR
Margret (LA)	6.6	6.6	6.6	7.4	4.2	5.7	ADV
Bargreen	6.6	6.7	6.6	7.6	6.2	6.6	BAR
Darwin	7.0	6.3	6.6	5.3	4.8	6.9	DLF/INNO
Frida	6.7	6.3	6.5	5.8	6.6	5.2	BSH
Alice	6.7	6.3	6.5	5.6	4.5	6.5	ADV
Trophy	5.9	7.0	6.4	6.9	4.7	6.7	INNO
Belleaire	6.1	6.7	6.4	4.9	6.1	7.0	RT/TG
Rossignol	6.8	6.0	6.4	6.8	5.6	5.1	DLF
Olivia	6.5	6.0	6.2	4.7	5.7	7.0	EGB
Liroyal	5.7	6.8	6.2	6.3	7.5	6.4	EGB
Livista	6.8	5.6	6.2	6.9	4.2	6.1	EGB
Lucinda	6.0	5.7	5.9	6.8	5.3	5.9	EGB
Licato	5.8	5.8	5.8	6.7	6.7	6.2	EGB
Carina	5.6	5.9	5.8	5.8	6.2	4.7	DLF
Simone	5.7	5.4	5.6	5.0	5.5	5.0	DLF
Lifalla	5.2	5.7	5.4	6.1	6.6	6.2	EGB
Raymond	4.9	5.2	5.1	6.1	6.9	5.6	ADV
Wilma	4.9	4.8	4.9	4.7	4.6	4.9	SEN
New cultivars							
Blenheim	8.1	8.1	8.1	7.2	6.7	5.5	DLF/JNS
Florasol	7.7	7.5	7.6	6.7	6.0	3.0	DLF
Maritza	7.4	7.1	7.3	6.7	6.0	4.8	DLF

Series L

Lawns, Landscaping, Summer Sports and Turf Trial (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	8.2	8.0	8.1	8.3	6.9	7.0	BAR
Cezanne	7.9	8.2	8.1	6.6	6.9	7.3	DLF/INNO/JNS
Barpearl	7.3	7.8	7.5	8.2	7.1	6.6	BAR
Mocassin	7.0	7.5	7.2	7.2	6.1	5.7	ADV
Javelin (LA)	6.6	7.4	7.0	7.7	6.1	5.4	EGB
Carousel	6.4	7.0	6.7	5.6	6.3	6.1	ADV
Twysport (LA)	6.1	6.8	6.5	6.7	6.1	6.1	DLF
Zamboni	6.4	6.4	6.4	6.2	5.4	6.8	ADV
Leonora	6.3	6.4	6.3	5.5	6.3	6.3	DLF
Reggae	6.5	6.1	6.3	4.5	6.4	6.3	DLF
Count	6.7	5.8	6.3	6.6	4.5	4.3	BSH
Helena	6.5	6.1	6.3	5.0	5.0	5.2	RT/TG
Lanai	5.8	6.2	6.0	5.3	5.3	6.2	RT/TG
Rosita	5.7	6.2	6.0	5.6	6.7	5.7	DLF
Liprosa	6.0	5.8	5.9	4.8	6.1	5.9	EGB
Smirna	5.7	5.8	5.8	5.8	5.5	5.4	DLF
Lirari	5.8	5.5	5.7	6.5	4.6	5.0	EGB
Samanta	5.3	5.8	5.5	5.6	4.8	5.1	DLF/INNO
Libano	5.5	5.4	5.4	5.3	4.9	5.5	EGB
Dawson	5.3	5.5	5.4	5.1	5.6	5.3	ADV
Lifair	5.6	5.1	5.4	4.7	5.8	6.3	EGB
Celia	5.1	5.1	5.1	6.1	5.0	5.2	EGB
Colline	5.2	4.9	5.0	6.2	6.1	6.2	REGA
Lovisa	5.0	4.9	5.0	5.3	4.7	4.9	SEN
Bornado	4.4	4.2	4.3	5.6	4.9	4.9	SAAT
Garance	4.1	3.8	4.0	4.8	6.0	5.8	REGA
New cultivars							
Libeauty (LA)	7.6	7.3	7.4	8.1	8.4	8.0	DLF
Aber®Flight (LA)	6.7	6.7	6.7	6.8	7.5	8.1	BSH
Amarone	6.6	6.8	6.7	6.9	6.8	6.1	DLF

Series L

Lawns, Landscaping, Summer Sports and Turf Trial (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	6.5	6.5	6.5	5.8	6.1	6.1	RT/TG
Salsa	5.9	6.2	6.0	5.3	6.8	7.3	BAR
Almerita	5.9	6.0	6.0	4.1	5.9	5.5	DLF/JNS
Chopin	6.0	6.0	6.0	3.8	7.4	6.7	BAR/INNO
Swing	6.0	5.7	5.8	4.4	6.3	5.8	RAGT
Litango (LA)	5.3	5.3	5.3	3.8	5.8	6.7	DLF
Adinda	5.1	5.5	5.3	5.1	4.1	6.8	BSH
Greenshine (LA)	5.1	5.3	5.2	4.9	7.2	6.0	RT
Diego	5.2	5.1	5.2	4.0	4.3	4.6	DLF
Herald	5.2	5.1	5.1	4.2	6.1	6.1	DLF/INNO
Barustic	5.0	5.1	5.0	4.0	5.6	5.9	BAR
Camilla	4.7	5.3	5.0	5.1	7.3	6.4	EGB
Corail	5.1	4.9	5.0	4.5	4.8	6.8	INNO
Cindy	5.1	4.9	5.0	4.9	5.6	6.2	INNO
Aniset	4.9	4.9	4.9	3.9	6.0	5.9	DLF
Celianna	4.9	4.7	4.8	4.3	6.1	5.0	DLF
Mystic	4.6	4.8	4.7	5.3	6.6	6.7	SUT/TG
Rondino	4.4	5.0	4.7	3.4	5.5	5.9	DLF
Livision	4.6	4.8	4.7	3.7	6.1	7.0	EGB
Jasper	4.5	4.9	4.7	4.5	7.2	7.1	EGB
Pernille	4.5	4.7	4.6	4.7	6.6	6.1	DLF
Rumba	4.6	4.6	4.6	4.8	6.1	4.6	BAR
Lambada	4.5	4.6	4.5	5.5	4.8	6.4	RAGT
Gentil	4.4	4.5	4.4	4.5	5.9	5.7	ADV
Felix	4.5	4.2	4.3	4.8	6.2	5.8	ADV
Franklin	4.1	4.2	4.2	5.3	4.9	5.8	ADV
Kristina	3.9	4.2	4.0	4.2	6.6	5.3	SEN
Boreal	3.6	3.8	3.7	4.3	4.2	4.5	* Fa

New Cultivars

Rossinante (LA)	6.4	6.5	6.5	5.9	6.0	6.6	DLF/JNS
Jasperina	4.7	5.1	4.9	4.0	4.2	4.0	EGB
Maxima 1	4.2	4.2	4.2	5.8	4.8	6.4	DLF

*Freely available

Series L

Lawns, Landscaping, Summer Sports and Turf Trial (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
Hard fescue (<i>Festuca longifolia</i>)							
Crystal	7.7	7.0	7.3	6.7	6.7	6.4	ADV
Bardur	6.0	7.0	6.5	7.7	6.1	6.2	BAR
Pintor (LA)	6.1	6.1	6.1	5.4	6.4	5.6	BSH
Nordic	5.5	5.7	5.6	6.3	6.7	6.2	DLF/INNO
Triana	3.8	3.6	3.7	4.3	4.1	4.8	DLF
New Cultivars							
Manet 1 (LA)	7.3	6.9	7.1	5.9	6.9	6.3	DLF/INNO
Cantona	6.4	6.1	6.3	5.1	6.1	4.3	DLF
Mentor	5.8	6.2	6.0	*	7.1	6.9	BSH
Fine-leaved sheep's fescue (<i>Festuca tenuifolia</i>)							
Barok	7.8	5.4	6.6	5.0	5.0	4.0	BAR
Sheep's fescue (<i>Festuca ovina</i>)							
Quatro	8.3	7.2	7.7	8.2	8.0	6.7	DLF/INNO/JNS

*Data not yet available

Table L7

Bentgrasses (*Agrostis* spp.)

Cultivar	Shoot density	Fineness of leaf	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Browntop bent (<i>Agrostis capillaris</i>)								
BarKing	7.2	7.0	7.6	7.3	5.6	8.1	6.2	BAR
Lance	6.6	6.8	7.3	6.9	5.9	7.1	6.0	DLF
Aber@Royal	6.6	6.5	7.6	6.9	5.7	7.0	6.7	BSH
Heriot	6.7	6.6	7.3	6.9	5.4	6.9	6.1	BAR
Manor	6.5	6.6	7.2	6.8	4.8	7.0	6.5	DLF/JNS
Egmont	6.4	6.6	7.0	6.7	5.9	7.2	6.5	RT/TG
Sefton	6.1	6.5	7.0	6.6	4.7	7.2	5.9	ADV
Arletta (LA)	5.8	6.7	7.1	6.5	4.9	6.6	5.6	ADV
Denso	6.3	6.7	6.5	6.5	6.4	5.4	6.8	DLF/INNO
Ambrosia	5.8	6.7	6.3	6.3	6.3	5.4	5.9	TG
Radiance	5.6	5.6	6.4	5.9	6.0	6.2	6.5	TSE
Tracenta	5.3	5.6	5.7	5.5	5.0	4.9	6.3	ADV

Table L7 Continued

	Shoot density	Fineness of leaf	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
New Cultivars								
Jorvik (LA)	6.7	7.0	6.5	6.7	4.8	5.8	5.8	DLF
Tiger Nova (LA)	6.1	6.4	6.2	6.2	6.0	5.3	6.1	DLF/INNO
Highland bent (<i>Agrostis castellana</i>)								
Highland	4.8	5.0	4.9	4.9	4.5	8.7	4.3	*Fa
Velvet bent (<i>Agrostis canina</i>)								
Avalon	9.2	8.1	8.8	8.7	4.0	7.3	8.9	BSH
Creeping bent (<i>Agrostis stolonifera</i>)								
Penn G-6	6.7	6.1	6.5	6.4	6.7	5.8	6.5	DLF
Penn G-2	6.8	5.6	6.5	6.3	6.3	6.0	6.2	DLF
Penn A-1	6.1	5.8	5.8	5.9	6.7	5.3	5.7	RT/TSE
Tapeta	6.4	6.0	5.3	5.9	7.1	5.7	5.1	ADV
L 93	6.1	5.2	6.0	5.8	7.2	5.7	5.6	DLF
Penn A-4	6.0	5.5	5.7	5.7	6.9	5.7	5.7	TSE
Providence	6.1	5.3	5.5	5.6	6.4	5.4	5.1	BSH
Bueno	6.5	5.1	4.9	5.5	5.7	4.2	5.8	RT/TG
Crenshaw	5.7	5.1	5.2	5.3	6.4	5.3	6.0	RAGT

*Freely available

Table L8

Tall Fescue (*Festuca arundinacea*)

Cultivar	Shoot density	Fineness of leaf	Slow regrowth	Visual merit	Mean	Winter greenness	Summer greenness	Agent
Scorpiones	7.1	7.1	6.7	7.3	7.0	5.9	6.6	RT/TG
Farandole	8.0	6.2	6.5	6.3	6.8	5.1	7.5	TSE
Meandre	6.6	7.2	6.2	6.8	6.7	5.8	6.2	REGA
Divyna	6.9	6.8	6.0	6.6	6.6	5.5	5.2	REGA
Amalia	6.6	6.2	6.0	7.0	6.5	7.3	6.5	DLF/JNS
Susana	6.1	6.5	5.3	6.3	6.0	5.9	5.3	RAGT
Cochise	5.7	5.4	5.4	5.1	5.4	6.6	5.4	DLF
New Cultivars								
Debussy 1	7.9	7.1	7.2	7.6	7.5	7.3	7.2	DLF/INNO/JNS
Beagle 1 (LA)	7.5	7.5	5.6	7.7	7.1	6.9	7.3	INNO
Masterpiece	6.4	6.5	7.6	7.3	6.9	6.7	6.7	DLF/INNO
Barlexas II	7.0	6.9	6.6	6.4	6.7	5.9	7.1	BAR
Greendwarf	6.1	5.4	7.4	6.5	6.3	7.4	6.8	RT/TG
Starlett	6.1	6.3	6.0	6.3	6.2	6.5	6.1	DLF
Talent (LA)	6.0	6.6	4.6	6.5	5.9	5.9	5.1	REGA

Series G

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

Bentgrasses (Table G1), Chewings Fescue (Table G2),
Slender Creeping Red Fescue (Table G3)

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 19).

For very fine turf, such as golf greens and bowling greens, the finer and denser cultivars of *A. capillaris* should be used in preference to Highland. In other situations, the appearance and disease resistance of bentgrass turf can be greatly improved by replacing some or all of its Highland content with a finer browntop bent.

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 20) and G3 (page 21). As for the bentgrasses, the order was determined from the mean of each cultivars visual merit and shoot density scores.

Series G

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

Table G1

Bentgrasses (*Agrostis* spp.)

Cultivar	Shoot density	Visual merit	Mean	Fineness of leaf	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Browntop bent (<i>Agrostis capillaris</i>)								
BarKing	6.9	8.0	7.4	6.9	5.6	8.1	6.2	BAR
Manor	7.3	7.4	7.3	6.7	4.8	7.1	6.5	DLF/JNS
Aber@Royal	6.9	7.5	7.2	7.3	5.7	7.1	6.7	BSH
Heriot	6.8	7.5	7.2	7.4	5.3	6.9	6.1	BAR
Sefton	6.8	7.2	7.0	7.3	4.7	7.2	5.9	ADV
Egmont	7.0	7.0	7.0	6.6	5.9	7.2	6.5	RT/TG
Lance	6.8	7.0	6.9	6.6	5.8	7.1	6.0	DLF
Denso	6.6	7.0	6.8	6.5	6.4	5.5	6.8	DLF/INNO
Arletta (LA)	6.1	6.6	6.3	7.8	4.9	6.6	5.6	ADV
Ambrosia	5.8	6.1	6.0	6.5	6.2	5.5	5.9	TG
Radiance	5.6	6.2	5.9	6.2	6.0	6.2	6.5	TSE
Tracenta	5.4	5.7	5.5	5.7	5.0	4.9	6.3	ADV
New Cultivars								
Jorvik (LA)	6.6	6.9	6.7	6.7	4.9	5.7	5.7	DLF
Tiger Nova (LA)	6.3	6.4	6.4	6.4	6.1	5.2	6.1	DLF/INNO
Velvet bent (<i>Agrostis canina</i>)								
Avalon	8.9	8.3	8.6	8.5	4.0	7.3	8.9	BSH
New cultivars								
Vesper	10.3	8.7	9.5	8.7	4.3	7.6	9.5	BSH
Creeping bent (<i>Agrostis stolonifera</i>)								
Penn G-6	6.6	6.6	6.6	6.0	6.7	5.8	6.5	DLF
Penn A-4	6.5	6.5	6.5	6.4	6.9	5.7	5.7	TSE
Penn A-1	6.6	6.4	6.5	5.9	6.7	5.3	5.7	RT/TSE
Penn G-2	6.4	6.5	6.4	5.8	6.3	5.9	6.2	DLF
Providence	5.9	5.8	5.8	5.3	6.4	5.4	5.1	BSH
Bueno	6.3	5.4	5.8	5.5	5.7	4.3	5.8	TG
L 93	5.6	5.8	5.7	5.1	7.2	5.7	5.6	DLF
Tapeta	6.0	5.3	5.6	6.3	7.0	5.7	5.1	ADV
Crenshaw	5.6	5.3	5.4	5.6	6.4	5.3	6.0	RAGT
New cultivars								
SR 1119	6.3	6.6	6.4	4.9	7.3	4.4	6.3	BSH

Series G

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

Table G2

Chewings Fescue (*Festuca rubra communtata*)

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Musica	8.6	8.2	8.4	6.2	6.3	8.4	DLF/JNS
Calliope	8.0	6.9	7.5	5.2	4.4	6.9	RT/TG
Center	7.7	7.2	7.5	6.6	5.4	6.0	DLF/INNO
Belleaire	7.2	7.6	7.4	4.7	6.0	6.7	TG
Barbirdie	7.1	7.6	7.4	6.4	6.9	6.0	BAR
Rossignol	7.6	7.0	7.3	6.6	5.6	4.8	DLF
Monuela	7.1	7.3	7.2	6.9	5.7	7.2	ADV
Luisa	7.0	7.2	7.1	5.5	7.0	6.9	BSH
Legende	6.8	7.2	7.0	5.0	6.3	6.6	DLF
Bargreen	6.9	6.9	6.9	7.3	6.1	6.3	BAR
Raisa	7.3	6.4	6.9	5.3	6.6	5.2	BSH
Frida	7.2	6.3	6.8	5.9	6.4	5.1	BSH
Trophy	6.4	6.8	6.6	6.9	4.6	6.4	INNO
Darwin	6.5	6.6	6.6	5.4	4.7	6.6	DLF/INNO
Nadia	6.8	6.4	6.6	6.7	5.5	5.5	SEN
Waldorf	6.7	6.4	6.5	7.2	6.3	6.6	ADV
Olivia	6.6	6.2	6.4	4.6	5.6	6.7	EGB
Alice	6.5	6.2	6.3	5.5	4.5	6.2	ADV
Lucinda	6.6	5.8	6.2	6.6	5.3	5.6	EGB
Livista	6.3	5.7	6.0	6.7	4.2	5.8	EGB
Liroyal	5.3	6.2	5.8	6.2	7.5	6.1	EGB
Wilma	5.5	5.7	5.6	5.2	4.8	4.6	SEN
Simone	5.7	5.5	5.6	5.0	5.5	4.7	DLF
Cygnus (LA)	5.3	5.8	5.6	6.1	7.1	4.8	SEN
Carina	5.2	5.7	5.5	5.9	6.1	4.3	DLF
Licato	5.4	5.4	5.4	6.5	6.7	5.9	EGB
Raymond	5.2	5.3	5.2	6.0	6.7	4.8	ADV
Lifalla	4.9	5.3	5.1	6.3	7.4	6.9	EGB
New Cultivars							
Margret (LA)	8.1	8.1	8.1	8.1	5.1	7.3	ADV
Greensleeves	8.2	7.3	7.7	6.9	6.7	6.5	RT/TG
Carioca	7.4	7.6	7.5	5.9	5.8	5.8	DLF/JNS
Dorianna (LA)	7.0	7.7	7.4	7.8	8.0	7.2	BSH
Barswing	7.2	7.0	7.1	8.3	5.9	6.2	BAR
Barborka	7.0	6.7	6.9	7.5	6.4	7.7	OSEVA

Series G

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

Table G3

Slender Creeping Red Fescues (*Festuca rubra litoralis*)

Cultivar	Shoot density	Visual merit	Mean	Resistance to Red thread	Winter greenness	Summer greenness	Agent
Cezanne	7.9	8.0	8.0	6.7	7.2	8.1	DLF/INNO/JNS
Barcrown	7.9	7.6	7.8	8.4	8.0	7.8	BAR
Barpearl	7.2	7.4	7.3	8.0	7.3	7.1	BAR
Mocassin	7.1	7.4	7.3	7.4	6.3	6.1	ADV
Carousel	6.7	7.2	6.9	5.7	6.5	6.6	ADV
Leonora	6.7	6.8	6.8	5.2	6.0	6.5	DLF
Helena	6.9	6.3	6.6	5.2	5.2	5.4	RT/TG
Count	7.0	6.2	6.6	6.6	4.7	4.3	BSH
Rosita	6.6	6.5	6.5	5.5	6.9	6.0	DLF
Javelin (LA)	6.1	6.7	6.4	7.8	6.5	6.5	EGB
Lanai	6.3	6.4	6.3	5.1	5.5	6.7	RT/TG
Lirari	6.7	5.9	6.3	6.4	4.8	5.1	EGB
Smirna	6.2	6.2	6.2	5.9	5.7	5.6	DLF
Liprosa	6.1	6.1	6.1	5.2	6.4	6.3	EGB
Libano	5.9	5.8	5.9	5.4	5.2	5.7	EGB
Celia	5.7	5.5	5.6	6.0	5.2	5.4	EGB
Lifair	5.7	5.3	5.5	4.7	6.0	6.7	EGB
Samanta	5.4	5.7	5.5	5.9	5.1	5.3	DLF/INNO
Dawson	5.5	5.5	5.5	5.2	5.8	5.1	ADV
Lovisa	5.3	5.4	5.3	5.4	5.0	5.1	SEN
Colline	5.1	5.0	5.1	6.0	6.0	5.9	REGA
Bornado	5.1	4.7	4.9	5.5	5.2	5.1	SAAT
New Cultivars							
Viktorka (LA)	8.6	8.2	8.4	7.8	6.1	8.5	OSEVA
Twysport (LA)	7.2	7.4	7.3	5.7	6.5	4.5	DLF
Zamboni	7.0	7.3	7.1	5.6	4.9	6.3	ADV
Reggae	6.9	7.3	7.1	3.6	5.7	5.8	DLF
Garance	3.9	3.8	3.9	4.2	5.3	4.5	REGA

Series M

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.

Series M

Miscellaneous grasses

Table M1

Other Grasses

Cultivar	Wear Tolerance	Shoot density	Fineness of leaf	Visual merit	Slow regrowth	Short growth	UK Agent
Crested hair grass (<i>Koeleria cristata</i>) Note 1							
Barkoel	*	6.4	7.1	7.2	2.5	6.2	BAR
Rough-stalked meadow-grass (<i>Poa trivialis</i>) Note 2							
Snowbird	4.6	5.9	7.8	4.4	8.3	*	RT/TG
Solo	4.9	7.3	7.4	4.2	7.7	*	DLF/JNS
Prostrate meadow-grass (<i>Poa supina</i>) Note 2							
Supra (LA)	7.9	6.9	4.7	5.9	5.6	*	BSH
Crested dog's-tail (<i>Cynosurus cristatus</i>) Note 2							
Shade Star	6.1	4.7	3.7	3.9	5.5	*	DLF
New Cultivars							
Aspiring	6.4	*	*	*	*	*	TG
Tufted hair-grass (<i>Deschampsia caespitosa</i>) Note 3							
Barcampsia	5.2	10.5	9.6	7.6	3.6	3.5	BAR
Voyager	5.2	7.3	6.2	5.6	6.1	3.0	TG
Tufted hair grass (<i>Deschampsia caespitosa</i>) Note 2							
Sibir (LA)	6.1	7.4	6.8	6.1	4.3	*	DLF/INNO/JNS
Trakaj (LA)	*	6.8	6.7	6.5	6.3	*	BSH

* Data not available

Notes:

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

Index

Cultivar	Species	Tables	Cultivar	Species	Tables
Aber®Elf	Perennial Ryegrass	S1 L1	Barlexas II	Tall Fescue	S3 L8
Aber®Flight	Slender Creeping Red Fescue	L4	Barlinda	Perennial Ryegrass	S1 L1
Aber®Imp	Perennial Ryegrass	S1 L1	Barminton	Perennial Ryegrass	S1 L1
Aber®Royal	Browntop bent	L7 G1	Barmona	Perennial Ryegrass	S1
Aber®Sprite	Perennial Ryegrass	S1 L1	Barok	Fine-leaved sheep's fescue	L6
Ace	Perennial Ryegrass	S1 L1	Baroxi	Chewings Fescue	L3
Action	Perennial Ryegrass	S1 L1	Barpearl	Slender Creeping Red Fescue	L4 G3
Adinda	Strong Creeping Red Fescue	L5	Barrage	Perennial Ryegrass	S1 L1
Advent	Perennial Ryegrass	S1 L1	Barsandra	Perennial Ryegrass	L1
Alice	Chewings Fescue	L3 G2	Barswing	Chewings Fescue	L3 G2
Almerita	Strong Creeping Red Fescue	L5	Bartender	Smooth-stalked meadow-grass	S2 L2
Amadeus	Perennial Ryegrass	L1	Bartwingo	Perennial Ryegrass	L1
Amalia	Tall Fescue	S3 L8	Barustic	Strong Creeping Red Fescue	L5
Amarone	Slender Creeping Red Fescue	L4	Beagle 1	Tall Fescue	L8
Ambrosia	Browntop bent	L7 G1	Beatrice	Perennial Ryegrass	S1 L1
Aniset	Strong Creeping Red Fescue	L5	Bellamini	Perennial Ryegrass	L1
Applaud	Perennial Ryegrass	L1	Belleaire	Chewings Fescue	L3 G2
Arletta	Browntop bent	L7 G1	Bellevue	Perennial Ryegrass	L1
Aspiring	Crested dog's tail	M1	Bellini 1	Perennial Ryegrass	S1 L1
Avalon	Velvet bent	L7 G1	Berlioz 1	Perennial Ryegrass	S1 L1
Ballet	Perennial Ryegrass	S1 L1	Bizet 1	Perennial Ryegrass	S1 L1
Barbirdie	Chewings Fescue	L3 G2	Blenhiem	Chewings Fescue	L3
Barborka	Chewings Fescue	G2	Boreal	Strong Creeping Red Fescue	L5
Barcampisia	Tufted hair grass	M1	Bornado	Slender Creeping Red Fescue	L4 G3
Barcrown	Slender Creeping Red Fescue	L4 G3	Brio	Perennial Ryegrass	S1 L1
Bardorado	Perennial Ryegrass	S1	Broadway	Smooth-stalked meadow-grass	S2 L2
Bardur	Hard fescue	L6	Bueno (18th G)	Creeping bent	L7 G1
Bareine	Perennial Ryegrass	L1	Caddy	Perennial Ryegrass	S1 L1
Bareuro	Perennial Ryegrass	S1 L1	Cadix	Perennial Ryegrass	S1 L1
Bargold	Perennial Ryegrass	S1 L1	Calliope	Chewings Fescue	L3 G2
Bargreen	Chewings Fescue	L3 G2	Camilla	Strong Creeping Red Fescue	L5
BarKing	Browntop bent	L7 G1	Cantona	Fine-leaved sheep's fescue	L6
Barkoel	Crested Hair Grass	M1	Capri	Perennial Ryegrass	S1 L1
Barlady	Perennial Ryegrass	S1 L1	Carina	Chewings Fescue	L3 G2
Barlennium	Perennial Ryegrass	S1 L1	Carioca	Chewings Fescue	L3 G2

Index continued

Cultivar	Species	Tables	Cultivar	Species	Tables
Carousel	Slender Creeping Red Fescue	L4 G3	Eva	Smooth-stalked meadow-grass	S2 L2
Cassiopeia	Perennial Ryegrass	L1	Evita	Perennial Ryegrass	S1 L1
Celia	Slender Creeping Red Fescue	L4 G3	Evora	Smooth-stalked meadow-grass	S2 L2
Celianna	Strong Creeping Red Fescue	L5	Fairway	Perennial Ryegrass	S1 L1
Center	Chewings Fescue	L3 G2	Fancy	Perennial Ryegrass	S1
Cesar	Smooth-stalked meadow-grass	L2	Fandango	Perennial Ryegrass	S1 L1
Cezanne	Slender Creeping Red Fescue	L4 G3	Farandole	Tall Fescue	S3 L8
Chagall	Perennial Ryegrass	L1	Felix	Strong Creeping Red Fescue	L5
Chaparral	Perennial Ryegrass	S1	Festina	Smooth-stalked meadow-grass	S2 L2
Chopin	Strong Creeping Red Fescue	L5	Flamenco	Perennial Ryegrass	S1
Churchill	Perennial Ryegrass	S1	Florasol	Chewings Fescue	L3
Cindy	Strong Creeping Red Fescue	L5	Forman	Perennial Ryegrass	L1
Claudius	Perennial Ryegrass	S1 L1	Fragment	Perennial Ryegrass	S1 L1
Cleopatra	Perennial Ryegrass	S1	Franklin	Strong Creeping Red Fescue	L5
Clovis	Smooth-stalked meadow-grass	S2 L2	Frida	Chewings Fescue	L3 G2
Cochise	Tall Fescue	S3 L8	Funk	Perennial Ryegrass	S1 L1
Cocktail	Smooth-stalked meadow-grass	S2 L2	Gallius	Perennial Ryegrass	S1
Colline	Slender Creeping Red Fescue	L4 G3	Garance	Slender Creeping Red Fescue	L4 G3
Concerto	Perennial Ryegrass	S1 L1	Gator	Perennial Ryegrass	S1 L1
Conni	Smooth-stalked meadow-grass	S2 L2	Gentil	Strong Creeping Red Fescue	L5
Conrad 1	Perennial Ryegrass	S1 L1	Greencup	Perennial Ryegrass	L1
Coquin	Perennial Ryegrass	S1 L1	Greendwarf	Tall Fescue	S3 L8
Corail	Strong Creeping Red Fescue	L5	Greenfair	Perennial Ryegrass	S1 L1
Count	Slender Creeping Red Fescue	L4 G3	Greenflash	Perennial Ryegrass	S1 L1
Crenshaw	Creeping bent	L7 G1	Greenknight	Smooth-stalked meadow-grass	S2 L2
Crystal	Hard fescue	L6	Greenshine	Strong Creeping Red Fescue	L5
Cygnus	Chewings Fescue	G2	Greensleeves	Chewings Fescue	L3 G2
Cynthia	Smooth-stalked meadow-grass	S2 L2	Greensport	Smooth-stalked meadow-grass	S2 L2
Danilo	Perennial Ryegrass	S1 L1	Greenvie	Strong Creeping Red Fescue	L5
Darwin	Chewings Fescue	L3 G2	Greenway	Perennial Ryegrass	S1 L1
Dawson	Slender Creeping Red Fescue	L4 G3	Haga	Smooth-stalked meadow-grass	L2
Debussy 1	Tall Fescue	L8	Helena	Slender Creeping Red Fescue	L4 G3
Delaware Dwarf	Perennial Ryegrass	S1 L1	Herald	Strong Creeping Red Fescue	L5
Denso	Browntop bent	L7 G1	Heriot	Browntop bent	L7 G1
Diego	Strong Creeping Red Fescue	L5	Highland	Highland bent	L7
Disco	Perennial Ryegrass	S1 L1	Hugo 1	Perennial Ryegrass	S1
Divyna	Tall Fescue	L8	Ikone	Smooth-stalked meadow-grass	S2 L2
Doremi	Perennial Ryegrass	S1 L1	Jade	Perennial Ryegrass	S1 L1
Dorianna	Chewings Fescue	L3 G2	Jasper	Strong Creeping Red Fescue	L5
Egmont	Browntop bent	L7 G1	Jasperina	Strong Creeping Red Fescue	L5
Elan	Perennial Ryegrass	S1	Javelin	Slender Creeping Red Fescue	L4 G3
Esquire	Perennial Ryegrass	S1 L1	Jessica	Perennial Ryegrass	S1 L1
Essence	Perennial Ryegrass	S1 L1	Jorvik	Browntop bent	L7 G1
Eterlou	Perennial Ryegrass	L1	Julia	Smooth-stalked meadow-grass	S2 L2

Index continued

Cultivar	Species	Tables	Cultivar	Species	Tables
Julius	Smooth-stalked meadow-grass	S2 L2	Lovisa	Slender Creeping Red Fescue	L4 G3
Juwel	Perennial Ryegrass	S1	Lucinda	Chewings Fescue	L3 G2
Kariba	Smooth-stalked meadow-grass	S2 L2	Lucius	Perennial Ryegrass	S1 L1
Kristina	Strong Creeping Red Fescue	L5	Lugano	Perennial Ryegrass	S1 L1
L 93	Creeping bent	L7 G1	Luisa	Chewings Fescue	L3 G2
Lambda	Strong Creeping Red Fescue	L5	Manet 1	Hard fescue	L6
Lanai	Slender Creeping Red Fescue	L4 G3	Manor	Browntop bent	L7 G1
Lance	Browntop bent	L7 G1	Margarita	Perennial Ryegrass	S1 L1
Larissa	Smooth-stalked meadow-grass	L2	Margret	Chewings Fescue	L3 G2
Legende	Chewings Fescue	L3 G2	Maritza	Chewings Fescue	L3
Leonora	Slender Creeping Red Fescue	L4 G3	Master	Perennial Ryegrass	S1
Lex 86	Perennial Ryegrass	S1 L1	Masterpiece	Tall Fescue	L8
Libano	Slender Creeping Red Fescue	L4 G3	Maxima 1	Strong Creeping Red Fescue	L5
Libeauty	Slender Creeping Red Fescue	L4	Meandre	Tall Fescue	L8
Libero	Perennial Ryegrass	S1 L1	Melbourne	Perennial Ryegrass	S1
Libronco	Perennial Ryegrass	L1	Mentor	Hard fescue	L6
Licato	Chewings Fescue	L3 G2	Merci	Perennial Ryegrass	S1 L1
Lifair	Slender Creeping Red Fescue	L4 G3	Miracle	Smooth-stalked meadow-grass	S2 L2
Lifalla	Chewings Fescue	L3 G2	Mocassin	Slender Creeping Red Fescue	L4 G3
Lifrance	Perennial Ryegrass	S1 L1	Mondial	Perennial Ryegrass	S1 L1
Ligala	Perennial Ryegrass	S1 L1	Monuela	Chewings Fescue	L3 G2
Lily	Smooth-stalked meadow-grass	S2 L2	Musica	Chewings Fescue	L3 G2
Limerick	Smooth-stalked meadow-grass	S2 L2	Mystic	Strong Creeping Red Fescue	L5
Limonica	Perennial Ryegrass	S1 L1	Nadia	Chewings Fescue	L3 G2
Limousine	Smooth-stalked meadow-grass	S2 L2	Naty	Perennial Ryegrass	L1
Linares	Smooth-stalked meadow-grass	S2 L2	Neruda 1	Perennial Ryegrass	S1 L1
Lincolnshire	Smooth-stalked meadow-grass	S2 L2	Nordic	Hard fescue	L6
Liolympic	Perennial Ryegrass	S1 L1	Numan	Perennial Ryegrass	S1 L1
Lipatos	Smooth-stalked meadow-grass	S2 L2	Olivia	Chewings Fescue	L3 G2
Lipoa	Smooth-stalked meadow-grass	L2	Opal	Smooth-stalked meadow-grass	S2 L2
Liprosa	Slender Creeping Red Fescue	L4 G3	Orval	Perennial Ryegrass	S1 L1
Lirari	Slender Creeping Red Fescue	L4 G3	Panache	Perennial Ryegrass	S1
Liromeo	Perennial Ryegrass	S1 L1	Panduro	Smooth-stalked meadow-grass	S2 L2
Liroyal	Chewings Fescue	L3 G2	Paradise	Perennial Ryegrass	L1
Lisabelle	Perennial Ryegrass	S1 L1	Penn A-1	Creeping bent	L7 G1
Listz 1	Perennial Ryegrass	S1 L1	Penn A-4	Creeping bent	L7 G1
Litango	Strong Creeping Red Fescue	L5	Penn G-2	Creeping bent	L7 G1
Livision	Strong Creeping Red Fescue	L5	Penn G-6	Creeping bent	L7 G1
Livista	Chewings Fescue	L3 G2	Pentagon	Smooth-stalked meadow-grass	S2 L2
Livonne	Perennial Ryegrass	S1 L1	Pernille	Strong Creeping Red Fescue	L5
Liwinner	Perennial Ryegrass	S1 L1	Pintor	Hard fescue	L6
Lobi	Chewings Fescue	L3	Plaisir	Perennial Ryegrass	S1 L1
Lorina	Perennial Ryegrass	L1	Platinum	Perennial Ryegrass	S1 L1

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Cultivar	Species	Tables	Cultivar	Species	Tables
Polarstar	Perennial Ryegrass	S1 L1	Starlett	Tall Fescue	L8
Ponderosa	Perennial Ryegrass	S1 L1	Stravinsky	Perennial Ryegrass	S1 L1
Pontiac	Perennial Ryegrass	L1	Sunbright	Perennial Ryegrass	S1 L1
Princeton	Smooth-stalked meadow-grass	S2 L2	Superstar	Perennial Ryegrass	S1 L1
Providence	Creeping bent	L7 G1	Supra	Prostrate meadow-grass	M1
Quatro	Sheep's fescue	L6	Susana	Tall Fescue	S3 L8
Radiance	Browntop bent	L7 G1	Swing	Strong Creeping Red Fescue	L5
Ragtime	Perennial Ryegrass	S1 L1	Talent	Tall Fescue	L8
Raisa	Chewings Fescue	L3 G2	Talgo	Perennial Ryegrass	S1 L1
Raymond	Chewings Fescue	L3 G2	Tapeta	Creeping bent	L7 G1
Recital	Perennial Ryegrass	S1 L1	Tapiola	Perennial Ryegrass	S1
Reggae	Slender Creeping Red Fescue	L4 G3	Taya	Perennial Ryegrass	L1
Renoir	Perennial Ryegrass	S1 L1	Tiger Nova	Browntop bent	L7 G1
Ritmo	Perennial Ryegrass	S1 L1	Titus	Perennial Ryegrass	S1 L1
Rivage	Perennial Ryegrass	S1 L1	Tracenta	Browntop bent	L7 G1
Romance	Perennial Ryegrass	S1 L1	Trakaj	Tufted hair grass	M1
Rondino	Strong Creeping Red Fescue	L5	Transate	Perennial Ryegrass	S1 L1
Ronja	Perennial Ryegrass	L1	Triana	Hard fescue	L6
Rosita	Slender Creeping Red Fescue	L4 G3	Trophy	Chewings Fescue	L3 G2
Rossignol	Chewings Fescue	L3 G2	Tucson	Perennial Ryegrass	S1 L1
Rossinante	Strong Creeping Red Fescue	L5	Twingo	Perennial Ryegrass	S1 L1
Rumba	Strong Creeping Red Fescue	L5	Twyplay	Perennial Ryegrass	S1 L1
Salsa	Strong Creeping Red Fescue	L5	Twysport	Slender Creeping Red Fescue	L4 G3
Samanta	Slender Creeping Red Fescue	L4 G3	Verdi	Perennial Ryegrass	S1 L1
Sanremo	Perennial Ryegrass	S1 L1	Vesper	Velvet bent	G1
Sauvignon	Perennial Ryegrass	S1 L1	Vesuvius	Perennial Ryegrass	S1 L1
Scorpiones	Tall Fescue	S3 L8	Vienna	Perennial Ryegrass	S1 L1
Sefton	Browntop bent	L7 G1	Viktorka	Slender Creeping Red Fescue	G3
Shade Star	Crested dog's tail	M1	Vitellius	Perennial Ryegrass	S1 L1
Sibir	Tufted hair grass	M1	Voyager	Tufted hair grass	M1
Simone	Chewings Fescue	L3 G2	Waldorf	Chewings Fescue	L3 G2
Smirna	Slender Creeping Red Fescue	L4 G3	Wilma	Chewings Fescue	L3 G2
Snowbird	Rough stalked meadow-grass	M1	Yorktown III	Perennial Ryegrass	S1 L1
Solo	Rough stalked meadow-grass	M1	Yvette	Smooth-stalked meadow-grass	S2 L2
Sourire	Perennial Ryegrass	S1 L1	Zamboni	Slender Creeping Red Fescue	L4 G3
SR 1119	Creeping bent	G1			

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.

ADV Advanta Seeds UK

Camp Road, Witham St. Hughs, Lincoln, LN6 9TN
Tel 01529 304511, Fax 01529 413179
E-mail amenity@advanta-seeds.co.uk
www.advantaseeds.co.uk

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

BSH British Seed Houses Ltd.

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

DLF DLF - Trifolium Ltd.

Thorn Farm, Inkberrow
Worcestershire WR7 4LJ
Tel 01386 793135 Fax 01386 792715

EGB Euro Grass Breeding GmbH & Co. KG

Weissenberger Strasse 5
59557 Lippstadt
Germany
Tel 0049 2941296307 Fax 0049 2941296100
E-mail info@eurograss.com www.eurograss.com

INNO Innoseeds

c/o The Old Wood South, Skellingthorpe
Lincoln LN6 5UA
Tel 01522 507300 Fax 01522 507319

RT Rigby Taylor Ltd.

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

SEN Senova Ltd.

49 North Road, Great Abington
Cambridge CB1 6AS
Tel 01223 890777 Fax 01223 890666

SUT Suttons Consumer Products Ltd.

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

TG Top Green

c/o Nickerson (UK) Ltd
Rothwell, Market Rasen
Lincolnshire LN7 6DT
Tel 01472 371471 Fax 01472 371195

Contact Details

British Society of Plant Breeders Limited (BSPB)

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