

## Product Specification Sheet: Rootzone Turf for Greens

### Uses

Rootzone Turf is used on USGA specification golf greens, and on any golf green construction using a high quality rootzone. It is also suitable for high quality bowling greens.

### Characteristics

Rootzone Turf was developed to eliminate the problem of incompatibility caused when turf grown on topsoil is laid onto a high specification sandy rootzone. It is grown on a layer of USGA specification sand - a full particle analysis is available on request. The turf is managed as if it were a golf green throughout the production period. The seed mixture used is 50% bent and 50% fescue by weight, giving a predominately bent sward at maturity.

The typical seed mixture used is:

25% Heriot browntop bent - *Agrostis capillaris*

25% BarKing browntop bent - *Agrostis capillaris*

25% Barcrown slender creeping red fescue - *Festuca rubra litoralis*

25% Bargreen chewing fescue - *Festuca rubra commutata*

The first mowings after sowing are by hand mower at a height of 12mm, and then the triple greens mowers take over. The height is gradually reduced to 6-7mm to give a very dense sward. Top-dressing, using the same USGA sand, is spread every two weeks at 2kg per m<sup>2</sup>, and brushed in. Verticutting takes place every four weeks. The mature turf is virtually free of *Poa annua*.

Lifting of the turf takes place when it is approximately one year old. This is the perfect time to lift turf of this type. At this age the turf is strong enough to handle. And, because of regular top-dressing and verticutting, thatch has not been allowed to accumulate.

### Mowing

Rootzone turf for greens can be mown as low as 3mm for short periods of time. However, a height of 5mm is more sustainable. Even at this height the fescues will struggle to survive on greens which get a lot of wear. At 6mm and more the fescues will have more chance to thrive. The turf is maintained at a height of 6-7mm in our nurseries, and we recommend that the height is kept at that level for at least the first six months after installation. If the turf is cut too low in the first year of establishment the grass will come under undue stress.

### Nutrition

The nutrition of USGA greens is a specialist subject and users should consult their golf course agronomist for advice.

### Roll Sizes and Laying Service

RTF Turf is available in three sizes.

Standard 1m<sup>2</sup> roll measuring 610mm (24") by 1.64m (65")

Big roll 600mm (24") wide

Big roll 1.2m (48") wide

Free loan of big roll laying equipment is available. Alternatively, we offer a laying service with highly experienced crews.

For further information please contact Tillers Turf Company:

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