

# TURF GRASS IDENTIFICATION

Characteristics of common turf grass species.



# SOWING RATES

## SOWING AND SEEDING RATES

Sowing rates - Kilogrammes (kg) required at the following seeding rates

Area covered, per 20kg bag, at the following seeding rates

Seeding rates for larger landscaped areas

Standard areas	5g/m <sup>2</sup>	20g/m <sup>2</sup>	35g/m <sup>2</sup>	
Football	4,050m <sup>2</sup>	-	80	150
Football	10,800m <sup>2</sup>	-	225	375
Rugby	6,900m <sup>2</sup>	-	150	225
Tennis	262m <sup>2</sup>	-	5.5	10
Cricket	520m <sup>2</sup>	-	10.5	18
Bowls	1,600m <sup>2</sup>	8	32	56
Golf	500m <sup>2</sup>	2.5	10	17.5

Seed rates (per 20kg bag)	Coverage given m <sup>2</sup>
5g/m <sup>2</sup>	4,000m <sup>2</sup>
10g/m <sup>2</sup>	2,000m <sup>2</sup>
15g/m <sup>2</sup>	1,333m <sup>2</sup>
20g/m <sup>2</sup>	1,000m <sup>2</sup>
25g/m <sup>2</sup>	800m <sup>2</sup>
30g/m <sup>2</sup>	666m <sup>2</sup>
35g/m <sup>2</sup>	571m <sup>2</sup>

Seed rates g/m <sup>2</sup>	Kg per hectare req	Kg per acre req
15	150	60
20	200	80
25	250	100
30	300	120
35	350	140

## GUIDE TO SPECIES CHARACTERISTICS

### SOIL CONDITIONS

### MAINTENANCE

Species	Seeds per gram	Optimal pH range	Humidity	Salt tolerance	Maintenance level required	Fast establishment	Rhizomes/Stolens/Tufted	Shade tolerance	Nitrogen requirement	Water requirement	Thatch build-up
<i>Agrostis capillaris</i> Brown top bent	14,000	5.6-7.0	medium	moderate	medium	poor	R	good	medium	medium	high
<i>Agrostis stolonifera</i> Creeping bent	16,000	5.6-7.0	high	good	intensive	poor	S	good	very high	high	very high
<i>Festuca rubra rubra</i> Strong creeping red fescue	1,000	5.5-6.8	low	weak	low	average	R	very good	low	low	medium
<i>Festuca rubra commutata</i> Chewings fescue	1,000	5.5-6.8	low	weak	low	average	T	good	low	low/medium	high
<i>Festuca rubra trichophylla</i> Slender creeping red fescue	1,000	5.5-6.8	low	good	low	average	R	good	low	low	high
<i>Festuca ovina tenuifolia</i> Sheeps fescue	2,000	4.5-5.8	very low	weak	very low	average	T	average	very low	low/very low	low
<i>Festuca ovina duriuscula</i> Hard fescue	2,000	4.5-7.5	very low	good	very low	average	T	very good	very low	low/very low	low
Rhizomatous Tall Fescue (RTF)	400	5.5-7.0	high	good	medium	average	R	very good	medium	very low	low
<i>Festuca arundinacea</i> Tall Fescue	450	5.5-7.0	high	good	medium	average	T	very good	medium	very low	low
<i>Lolium perenne</i> Perennial ryegrass	700	5.8-7.4	medium	medium	medium	good	T	average	high	medium	low
<i>Poa pratensis</i> Smooth-stalked meadowgrass	3,300	5.8-7.5	medium	weak	medium	poor	R	poor	high	medium	medium
<i>Poa trivialis</i> Rough-stalked meadowgrass	5,500	5.8-7.2	high	weak	medium	average	S	average	high	high	medium
<i>Poa annua</i> Annual meadowgrass	6,500	5.5-7.5	high	weak	intensive	average	T	good	high	high	medium
<i>Koeleria macrantha</i> Crested hairgrass	3,000	5.5-8.0	low	good	very low	average	R	good	very low	low/very low	very low
<i>Deschampsia caespitosa</i> Tufted hairgrass	3,800	5.5-6.5	high	medium	low	good	T	excellent	medium	high	high



PERENNIAL RYEGRASS  
*Lolium perenne*



SMOOTHSTALKED MEADOWGRASS  
*Poa pratensis*



SLENDER CREEPING RED FESCUE  
*Festuca rubra trichophylla*



STRONG CREEPING RED FESCUE  
*Festuca rubra rubra*



CHEWINGS FESCUE  
*Festuca rubra commutata*



BROWNTOP BENT  
*Agrostis capillaris*



CREEPING BENT  
*Agrostis stolonifera*



HARD FESCUE  
*Festuca ovina spp.*



TALL FESCUE  
*Festuca arundinacea*



TUFTED HAIRGRASS  
*Deschampsia caespitosa*



CRESTED HAIRGRASS  
*Koeleria macrantha*



ANNUAL MEADOWGRASS  
*Poa annua*