

Queenstown Lakes District Council Turf Reinstatement Specifications January 2007

The following specifications apply to all Queenstown Lakes district Council turf areas disturbed by construction, enhancement work or vandalism.

- Turf areas include all:
- Parks
 - Reserves
 - Road reserves - Berms
 - Utility Reserves
 - Walkways
 - Picnic Areas
 - Unspecified Turf Areas
 - Sports Fields
 - Lake Shore
 - Riverbanks
 - New Areas Specified to the Turfed

Reinstatement of any previously turfed or new turf area shall be undertaken as follows unless specifically indicated otherwise.

For all amenity turf areas excluding Sports Fields:

- Minimum depth of soil 300mm – Soil to be free of stones, Gravels and any other erroneous matter
- Soil to be spread evenly across site and lightly compacted – use of heavy or compacting / vibrating rollers not permitted
- Fine tilth required before sowing with no low spots (ponding) high spots (crowning) permitted.
- Where area to be turfed meets an edge such as footpath, curb, channel, garden edge, roadway, compacted finished edge levels must be 10-15mm proud of solid edge.

Recommended Grass seed varieties;

- 1 Street berms

Recommended : 90 % fine fescue (50:50 chewings & red fescue) : 8% ryegrass ; 2% NZ browntop

2 Amenity Areas (non playing fields)

Recommended: 40% ryegrass ; 60% fescue (again 50:50 mix); 5 kgs/ha NZ browntop

3 Playing field

Recommended: 85% ryegrass ; 15 % fescue (red) ; 7- 8 kgs /ha NZ browntop

4 swale area

Recommended : 80% fescue ; 15% ryegrass ; 5% NZ browntop

5 Pasture

If looking to graze the area need to no endophyte ryegrass to avoid sheep staggers otherwise same as for Playing fields.

Points about seed:

- 80% plus endophyte content (**for turf type ryegrasses**)
- Purity > than 99%
- Germination count > than 90%
- All seed should be less than 12 months old

Application rate approx 250 – 300kg/ha

Fertiliser application Prior to sowing apply 250 -290 kgs /ha Nitrophoska 12 -10 -10 or similar NPK fertiliser.

- Following sowing finish may be lightly rolled or surface lightly raked to incorporate seed into soil.
- Seed bed to be kept moist to ensure even germination
- Following germination there will be a six week maintenance period at which grass height to be kept to a height between 25-50mm. A light roll is required four weeks following germination.
- Bare patches greater than 300mm² must be resown and germinated prior to handover: Any large stones, wood, or other foreign objects to be removed.
- a dressing of nitrogen based fertilizer must be applied at a rate of 100gm/m² prior to handover for work greater than 50m²
- Drainage of wet areas is the contractor's responsibility.

It should also be noted grass seed will **not** germinate between the months of May to August.

Failure to comply with the above turf standards will result in Council arranging the appropriate work to be undertaken at Contractors expense.