

# *PENNCROSS*

## Creeping Bentgrass

Aggressiveness, vigour and wear tolerance make *Pennncross* a natural for greens, tees, and fairways. When it was first introduced, *Pennncross* received some criticism for being too vigorous and difficult to manage, however turf care professionals now find that by reducing water and fertiliser inputs, *Pennncross* is more manageable and yet, still crowds out *Poa annua* and other weeds.

*Pennncross*' ability to perform under a wide range of conditions makes this bentgrass adaptable virtually anywhere.

In the US, Golf Course architects have specified *Pennncross* for areas of extreme cold and heat, and *Pennncross* has survived humidity where couch has been the standard.

### **Uses.**

*Pennncross* is designed for extensively managed golf greens and tees and lawn bowling surfaces.

### **Areas of Adaptation.**

Thrives as a permanent turf in cooler regions of Australia and performs well in areas north of the transition zone with intensive management.

### **Establishment.**

*Pennncross* can be seeded from 0.25-0.5 kilograms per 100 square meters depending on the application. Cover seed to a depth not exceeding 6mm and keep seedlings moist until well rooted. Germination will take place in 7-15 days depending on soil temperatures and may be reduced by soaking or pre-germinating seeds prior to sowing.

Oversow existing turf surfaces at about half the new seeding rate.

### **Maintenance.**

The first mowing may be expected within 30 days, or when the plants have sufficiently rooted. Mow at a height of 19mm or lower until turf is established. Limited use of the area can be expected in 6 weeks.

*Pennncross* performs best in soils with a pH of 5.5 to 8. It has a moderate nitrogen requirement with 0.5-1 kilogram of actual N per 100 square metres per year adequate in most situations. *Pennncross*' optimum mowing height is 4.5mm to 8mm but can be adjusted higher or lower depending upon maintenance practices and intended use. *Pennncross* performs best on a sandy soil and tolerates clay soils with adequate drainage.

Generally most bentgrasses do not perform well in wet areas, however, *Pennncross* can tolerate saturated soil conditions for short periods of time.