



## ***Pennncross creeping bentgrass***

### **Key features:**

- Strong seedling vigour
- Aggressive growth and good wear tolerance
- Medium dark blueish green colour
- Good dollar spot resistance

Pennncross is an aggressive growing bentgrass with wide adaptability, but it is relatively coarse compared to more modern cultivars for closely mowed greens. It has tight, upright growth characteristics and a fine leaf texture. It is best suited for use on golf courses (fairways, tees and greens) and winter overseeding of bermudagrass greens.

### **Breeding history**

Pennncross was bred by Dr Joe Duich of Pennsylvania State University and released in 1954. Pennncross breeding began with 156 vegetatively propagated bentgrasses, later reduced to 21.

These were crossed for turf performance and the components were tested under a wide variety of locations in the U.S. and Canada.

### **Sowing rate and maintenance**

For new turf applications sow at 5 - 6 g/m<sup>2</sup> (50 - 60 kg/ha) and for overseeding of existing turf between 2.5 - 5 g/m<sup>2</sup> (25 - 50 kg/ha). Sow the seed to make good seed to soil contact and keep seedlings moist until well rooted. Germination will take place in 7 - 15 days depending on soil temperatures. Pennncross performs best in soils with a pH of 5.5 - 8. It has a moderate nitrogen requirement, with 0.45 kg of actual N/100m<sup>2</sup> per year being adequate in most situations. Optimum greens mowing height for Pennncross is 4.8 - 7.9 mm but can be adjusted higher or lower depending upon maintenance practices and intended use. Pennncross performs best on sandy soils and tolerates clay soils with adequate drainage. Bentgrasses do not perform well in wet areas; however, Pennncross can tolerate saturated soil conditions for short periods of time.

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