



## Key Points

- Very dark colour
- Good winter colour
- Outstanding heat and cold tolerance
- Superior wear tolerance
- Quick spring green up

## Characteristics and areas of use

Penn A - 1 creeping bentgrass displays a very dark green colour along with a fine leaf texture. It has outstanding heat and cold tolerances, very good winter colour and quick spring green up. Penn A - 1 has good disease resistance and forms a dense sward.

It is suited to golf course putting surfaces but can also be used on tees and fairways. Penn A - 1 is able to compete against weeds and *Poa annua* with great success. Penn A - 1 performs best when maintained under a lean fertiliser regime which in turn reduces maintenance requirements.

## Breeding history

Penn State University in North America developed and released the first Penn bentgrass, Penncross, back in the 1950s. Over the years, their continued efforts have produced many successful new bentgrass varieties through careful breeding and seed production.

## Sowing rate and maintenance

A sowing rate of 6 g/m<sup>2</sup> or 60 kg/ha is recommended into a cultivated seedbed. Fertiliser formulations and rates need to be calculated from soil analysis results taken from the site being sown. Fertiliser applications should be kept light and infrequent. This can be achieved ideally either through a fertigation system or use of soluble products.

First mowing should take place when the surface has uniform coverage and the sward height is at no more than 12 mm. Solid/smooth rollers should be used to x 12 mm to minimise surface damage in the establishment phase.

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