

Oregon's most experienced growers produce Penn A-4 to standards higher than general certified standards.

These are:

Pure Seed	98%	minimum
Other Crop	0.04%	maximum
Weed Seed	0.03%	maximum
Inert Matter	2.00%	maximum
Germination	85%	minimum

Free of *Poa annua, Poa trivialis*, and all other noxious and objectionable weed seeds.

Penn A-4 is dark green with fine leaf texture, exceptional heat and cold tolerance, high density, disease resistance, and aggressive growth habit. It provides a smooth grainless putting surface. Penn A-4 will also provide a good playing surface for tees and fairways. Recommended seeding rate is 1.0 to 1.5 lbs/1,000 sq ft for new plantings, and 0.1 to 0.25 lbs/1,000 sq ft for interseeding. It is proven to be adaptable to various conditions. University data shows that it is able to compete against grassy weeds such as *Poa annua* with great success. Prefers to be kept on the dry and lean side, thereby reducing maintenance costs.

1999–2002 seedling vigor ratings for entries in the National Bentgrass Trial for bentgrass cultivars grown on a green seeded in 1998.

Seedling vigor ratings I-9 • 9 = Maximum vigor

