



Produced by Oregon's top growers, Tee-2-Green bentgrasses far exceed the standards of general certified seed. Our seed is free of *Poa-annua*, Poa trivialis, and all other noxious and unacceptable weed seeds.

Proven to be able to compete successfully against *Poa-annua*, **Penn A-4** features a striking dark green color and fine leaf texture that produce a beautiful, smooth and grainless putting surface. Adaptable to a wide range of conditions, it recovers quickly and prefers to be kept on the dry and lean side, thereby reducing maintenance costs.

Some benefits of Penn A-4 include:

- Aggressive growth habit
- High density
- Excellent disease resistance
- Best-in-class vigor rating
- Strong heat and cold tolerance
- Tolerates heat and effluent water

Recommended seeding rate is 1.0 to 1.50 lbs./1,000 sq. ft. for new plantings and 0.1 to 0.25 lbs./1,000 sq. ft. for interseeding.

CREEPING BENTGRASS

MAINTENANCE PROGRAM

Tee-2-Green creeping bentgrass varieties are tough and hearty requiring less water and fertilizer than other creeping bentgrass varieties, typically resulting in an easier management regimen for the superintendent. Properly maintained, they provide a very high-quality playing surface that thrives on low mowing and results in excellent playability.

In general, the amount of fertilizer applied should be .1 lbs. of nitrogen per 1,000 sq. ft. every 14 days +/-, depending on approximate growth, clippings, and performance. The yearly amount of nitrogen will be from 2 to 4 lbs., phosphorous 2 to 3 lbs., and potassium 6 to 10 lbs. As far as micronutrient amounts, this should be checked via tissue tests during the growing season and again with a soil test in early spring.

TYPICAL MAINTENANCE PROGRAM Grow-in

Wait until there is uniform turf coverage, with a height of 1/4 to 3/8 inches, before the first mowing. The mower should have a smooth front roller, not a grooved, at this time. Clippings should not be collected at this point, as to assist in the establishment of a biomass that will protect the plant from damage. During this early stage apply light weekly topdressing to cover the clippings then smooth any roughness in the surface to accelerate filling in the turfgrass canopy. The turf should reach the desired mowing height in six to seven weeks after the first mowing.

Fertilization

After the turfgrass has grown in, fertilizer applications should be kept light and infrequent, and can be accomplished by the use of a fertigation system or a soluble product. Only irrigate when necessary. To fill the soil profile to field capacity or to flush salts from the soil profile, stretch the time between irrigation cycles as long as possible. This will vary according to the time of year, but it is possible to go up to 10 days or longer, only hitting hot spots if required.

Aeration

Aeration needs will vary from course to course based on soil type, traffic and growing conditions. Most golf courses aerate two to three times a year — typically in the spring, early summer, and fall.

Topdressing

Topdressing varies depending on management style, ranging from light, weekly applications to once a month when verticutting. As with all bentgrass get as much topdressing into the playing surface as possible by opening up the canopy using groomers, verticutting, grooving, or spiking.

These grow-in fertility recommendations for greens are provided as a general guideline and should be adjusted for your specific climatic conditions and other possible objectives.

GROW-IN FERTILITY PROGRAM GREENS LBS PER 1,000 SQ FT

Pre-Plant	STARTER ATEP MICROS POLYMER K HUMIC D	0070	MUTECH MUTECH	8 LBS 12 LBS 4 LBS 4 LBS
Week 2	15-0-15	50%	MUTECH	3 LBS
Week 4	14-7-14	60%	MUTECH	3 LBS
Week 6	13-0-26	100%	MUTECH	3 LBS
Week 8	15-0-15	50%	MUTECH	3 LBS
Week 10	14-7-14	60%	MUTECH	3 LBS
Week 12	13-0-26	100%	MUTECH	3 LBS
Week 14	14-7-14	60%	MUTECH	3 LBS

GROW-IN FERTILITY PROGRAM TEES AND FAIRWAYS

LBS PER 1,000 SQ FT

Pre-Plant	STARTER ATEP MICROS POLYMER N-K HUMIC DG	35% MUTECH	6 LBS 6 LBS 4 LBS 4 LBS
Week 4	16-0-8 HUMIC	80% MUTECH	5 LBS
Week 8	18-24-5	35% MUTECH	5 LBS
Week 12	16-0-8 HUMIC	80% MUTECH	5 LBS







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