

1991 Progress Report to  
United States Golf Association

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Bentgrass Breeding Project

Following second year evaluation of putting green bent evaluation of 38 creeping bents, nine experimentals were superior to 10 commercial entries. Evaluation based on growth habit, density, disease tolerance and overall quality. Said experimentals subjected to additional cycle of space planted reselection; 3rd or 4th cycle. Seed yield trials to begin in Oregon with additional turf trials in Florida, California, Georgia, North Carolina, Arizona and New York.

Established 150 entry putting green test at Penn State including six commercial checks, 44 Penncross reselected lines from northern and southern selections following three cycles of space plant selection, 81 close-cut tolerant selections and 19 other experimentals. Putting green bents being evaluated represent selection and nursery reselection program initiated in 1982.

Under cool spring conditions, solid matrix primed bentgrasses emerged quicker than control lots. This seed treatment appears very promising for both cool weather establishment and reseeding.