1991 Progress Report to
United States Golf Association

J. M. Duich
Penn State University

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 reseedings.