BENTGRASS TRIALS
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5/8 inch 2 days a week.
Greens were mowed at 5/32
inch 3 days a week. Twenty
varieties were entered in each
replication for each soil.
Three of the varieties are
colonial bentgrass, one dry-
land bentgrass (Agrostis
Castellana), one browntop
bentgrass (Agrostis cappillar-
is) and the rest are creeping
bentgrass. Not all of the same
varieties were used on each of
the soils. The trial was com-
pleted in December, 1994,
after three years of evalua-
tions.

Starting in January, 1991,
various data were taken on
each plot. Overall quality on
a scale of 1-9 (9 best) were
taken on a monthly basis.
Density on a scale of 1-9 (9
best) and percent (%) ground
cover were taken on a quar-
terly basis. Color ratings
were taken one time per year
during October or November
when the least amount of
environmental stress was
present and the full genetic
potential for any given variety
could be expressed. The first
color rating was taken when
the plantings were more than
one year old in order to
eliminate false color expres-
sion of juvenile plants. Thatch
development was taken one
time per year during July or
August. Annual bluegrass
(Poa annua) invasion esti-
mates (percent of stand) were
taken on a quarterly basis.

The accompanying tables
(see insert) summarize the
final results of these evalu-
tations based on the overall
quality ratings. These ratings
should help golf course super-
intendents in selecting the
most suitable creeping bent-
glass variety for their specific
needs. Additional information
on these grasses will be made
available as other data related
to this data are analyzed and
interpreted.

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