

Overseeding Bentgrass Species into Existing Stands of Annual Bluegrass. (C05-henry133346-Oral)

Authors:

- G.M.Henry* - *Rutgers, The State University of New Jersey*
- S.E.Hart - *Rutgers, The State University of New Jersey*
- J.A.Murphy - *Rutgers, The State University of New Jersey*

Abstract:

Trials were conducted in 2000 and 2001 in New Jersey to determine the potential of converting pure stands of *Poa annua* to bentgrass during the summer. Following seed bed preparation (aeration, topdressing, and verticutting), three creeping bentgrass varieties, 'Penncross', 'L-93', and 'Penn A-4'; and one velvet bentgrass; 'SR-7200' were seeded at three different dates. 'SR-7200' had the greatest establishment across all overseeding dates. In 2000 the July 1st overseeding date showed the greatest establishment. One year later, percent bentgrass coverage in the July 1st overseeding was 74% for 'SR-7200', 47% for 'Penn A-4' and 'L-93', and 9% for 'Penncross'. In contrast, bentgrass coverage in the August 18th overseeding was 29% for 'SR-7200' and <10% for each of the other three varieties. In 2001 the June 27th and August 17th overseeding dates showed the greatest establishment. On 6/1/2002 bentgrass coverage in these overseeding dates was 20% for 'SR-7200' and 10-12% for the other three varieties. Results from this study suggest that 'SR-7200' velvet bentgrass can establish quicker and maintain vigor in the presence of *Poa annua* compared to creeping bentgrass.

Corresponding Author Information:

Gerald Henry
Rutgers, The State University
of New Jersey
59 Dudley Road/Foran Hall
New Brunswick, NJ 08901

phone: 732-932-9711 X 127
e-mail:
gmh26@eden.rutgers.edu

Presentation Information:

Presentation Date: Monday, November 11, 2002

Presentation Time: 9:15 am

Keywords:

Creeping bentgrass, Velvet bentgrass, Annual bluegrass,
turfgrass growth regulators