Overseeding Fall Seeded Annual Ryegrass With Spring Seeded Annual Ryegrass. (C03-nelson163032-Poster)

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Abstract:

An experiment was conducted at TAES-Overton and TAMU-Commerce over two years to determine whether overseeding 'TAM 90' annual ryegrass (Lolium multiflorum Lam.) into existing ryegrass would extend the forage-grazing period and improve quality. The experiment was seeded at 28 kg/ha in the fall. Ryegrass was overseeded, except for control, at 11.2, 16.8, and 22.4 kg/ha during the months of January and February at Overton and February and March at Commerce. Samples from each plot were used to determine forage yield, crude protein (CP), acid detergent fiber (ADF), and neutral detergent fiber (NDF). Total season forage yields for both years showed no differences between treatments; however, at Overton an individual harvest yield did show significance among treatments in both years. An analysis for CP revealed significant differences between treatments and the control in the February harvest during the first year at Overton. A separate analysis combining seeding rates and analyzing for yield over seeding date detected significance for some overseeding dates at both locations. Overseeding date also tended to improve some forage quality in some harvests.

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Presentation Information:

Presentation Date: Wednesday, November 13, 2002
Presentation Time: 4:00-6:00 pm
Poster Board Number: 1110

Keywords:
forage yield of annual ryegrass, Lolium multiflorum, crude protein, ADF and NDF