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Results From One and Two Implants Compared with Yearling Cattle on Summer Pasture

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Summary

Reimplanting Ralgro in mid-July after implanting in late April did not improve daily summer gains compared to a single implant.

Introduction

Growing cattle on summer pasture have consistently shown a gain response to such implants as Diethylstilbestrol (DES), Synovex, and Ralgro. This trial was planned to see if a second implant in mid-summer would be desirable.

Experimental Procedure

We implanted 83 yearling, Hereford, Angus, and crossbred steers with Ralgro (36 mg.) on April 28. On July 15, 44 steers were reimplanted. All cattle grazed native bluestem pasture from April 28 to September 30, 1977 (155 days) Weights were taken in the morning after cattle were penned without feed or water overnight.

Results

Results of the trial are reported in Table 12.1. Reimplanting with Ralgro in mid-summer after an initial implant in spring did not significantly improve weight gains.

Table 12.1. Results from one and two implants compared with yearling steers on summer pasture.

	Spring	Spring and mid- summer
No. cattle	39	44
Starting wt., lbs.	552	544
Final wt., lbs.	785	779
Lbs. gained	233	235
Average daily gain	1.50 ¹	1.52 ¹

¹Figures for ADG with the same superscript do not differ significantly ($P < .10$).