

SEASONAL NUTRIENT INTAKE AND UTILIZATION BY STOCKER CATTLE GRAZING ON CENTRAL OKLAHOMA RANGELAND.

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Optimal performance of cattle grazing on rangeland depends upon several factors including the nutritional management program. In order to better understand nutritional factors underlying steer performance, a study was initiated to describe changes in nutrient intake and utilization during the summer grazing season. Forage intake and diet quality studies were initiated in 1985 and continued in 1986. In 1986, a series of trials with ruminally/duodenally cannulated steers were conducted and will be repeated in 1987 in an effort to relate changing forage conditions to energy and nitrogen flows from the rumen.

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