Bermudagrass Forage Yields as Affected by Nitrogen Fertilizer and Rainfall Time. A Southern Oklahoma Summary. (S04-thomason111350-Poster)

Authors:

- W.E.Thomason *Noble Foundation*
- W.Altom Noble Foundation
- J.B.Ball Noble Foundation
- J.P.Johnson Noble Foundation
- E.R.Funderburg *Noble Foundation*

Abstract:

Nitrogen fertilizer and the timing of rainfall events greatly affect bermudagrass forage yields in Southern Oklahoma. Nitrogen rate response studies from 14 site years were evaluated for total growing season yield response to applied fertilizer and to timing of rainfall events. The amount of rainfall received in the month of May had the highest correlation to total season yield. A unique way of looking at increasing yields as also increasing the efficiency of use of rainfall is also presented. Across years and locations, production of 1.79 Mg/ha of dry matter forage required season-long rainfall of 52.7 and 22.9 cm for unfertilized and adequately fertilized areas, respectively

Corresponding Author Information:

Wade Thomason	phone: 580-223-5810
Noble Foundation	e-mail: wethomason@noble.org
PO Box 2180	-
Ardmore, OK 73402	

Presentation Information:

Presentation Date: Tuesday, November 12, 2002 Presentation Time: 2:00-4:00 pm Poster Board Number: 1636

Keywords:

bermudagrass, nitrogen, rainfall