

# **Extension Program Impact on New Jersey (US) Equine Pasture Managers. (A04-kluchinski062705-Oral)**

## **Authors:**

- D.Kluchinski - *Rutgers U.*
- J.W.Singer - *USDA-ARS, Nat. Soil Tilth*
- W.J.Bamka - *Rutgers U.*

## **Abstract:**

A survey of New Jersey equine pasture owners was conducted in January 2000 to determine pasture management practices. Selected variables were analyzed with SAS LOGIT regression model and the maximum likelihood estimate method used to estimate the effectiveness of Rutgers Cooperative Extension pasture management educational programs. Managers with 21 to 35 animals and 8.5 to 16 ha of pasture are 19% and 15% more likely to utilize Extension. Larger properties with more animals require more complex management that fosters greater interaction with Extension. Enhanced pasture management requires higher capital expenditures. Consequently, property owners that spend more than 49 dollar US per ha per year are 12% more likely to interact with Extension. Survey respondents that have never soil tested are 30% less likely to obtain information from Extension, while those that apply limestone annually are 27% less likely. The results suggest that future educational programs should target smaller property owners and focus on liming and pH management, rotational grazing, and manure testing for soil nutrient management because the survey indicated these practices are under or improperly utilized.

## **Corresponding Author Information:**

Daniel Kluchinski	phone: 609.989.6830
Rutgers University	fax: 609.396.9573
930 Spruce Street	e-mail: kluchinski@aesop.rutgers.edu
Trenton, NJ 08648-4584	

## **Presentation Information:**

Presentation Date: Thursday, November 14, 2002  
Presentation Time: 9:15 am

## **Keywords:**

pasture, equine, Extension