1999 FLORIDA RUMINANT NUTRITION SYMPOSIUM
Holiday Inn West, Gainesville, FL

Departments of Animal Science and Dairy & Poultry Sciences
University of Florida, Gainesville

Thursday, January 14, 1999

10:00 - 5:00  Registration

AFTERNOON SESSION - B. Reiling, Presiding

1:00  Welcome

1:10  Commercialization of biotechnology in agriculture - C. Baile

2:00  Feed ingredient factors influencing intestinal amino acid supply in ruminants
     - N. Merchen

2:40  Is methionine first limiting amino acid for growing cattle fed forages? - W. Kunkle

3:20  Break

J. Chapman, Presiding

3:40  Factors affecting forage protein fractions - B. Reiling

4:20  Managing energy reserves to optimize reproduction - R. Lemenager

5:00  Reception

Friday, January 15, 1999

MORNING SESSION - B. Haskins, Presiding

8:00  Options in managing manure phosphorus - H. H. Van Horn

8:40  Dietary phosphorus, phosphorus excretion, and environmental concerns - R. Conrad

9:20  Mycotoxins in silage: A silent loss in profits - A. Gotlieb

9:50  Break
H. H. Van Horn, Presiding

10:10 Corn silage for the south: Management and new technology - D. Wright

10:50 Design, selection, and use of TMR mixers - D. Kammel

11:30 Management strategies against ruminal acidosis - M. B. Hall

12:15 Symposium concludes

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Department of Animal Science

W. Kunkle
B. Reiling

Department of Dairy & Poultry Sciences

M. B. Hall
H. H Van Horn

Department of Agronomy, North Florida REC

D. Wright

Guest Speakers

C. Baile ............................. University of Georgia
H. R. Conrad .......................... Ohio State University
D. W. Kammel ......................... University of Wisconsin
R. P. Lemenager ....................... Purdue University
S. R. Merchens ....................... University of Illinois

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H. H. Van Horn  Dairy & Poultry Sciences Department, University of Florida
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