

## **Effect of Feeding Amaferm and Vitaferm on Performance of Holstein Cows During a Lactation Cycle.**

**R.O. Kellems, A. Lagerstedt, D. Andrus, M.V. Wallentine, R. Jones and J.T. Huber.  
Brigham Young University, Provo, UT, and University of Arizona.**

**Published Journal of Dairy Science 71 (supplement 1)  
1988**

**P303**

Following a three-week adaptation period, 144 early lactation Holstein cows were assigned, based on milk flow, days in milk and lactation number, to three equal groups. Control ration (I) was balanced for energy, protein, minerals and vitamins; the Amaferm (II) had 3 grams of *Aspergillus oryzae* culture and VitaFerm (III) had 90 grams of mixture of *Aspergillus oryzae* + Mineral-Vitamin Mixture added to the control ration. The control ration consisted of earlage, alfalfa silage, rolled corn/barley, whole cottonseed and protein-mineral-vitamin pellet. FCM (3.5%) during the adaptation period was 33.1, 33.0, 32.9 kg, respectively for groups I, II, and III. Feed consumption did not vary between groups ( $P>.05$ ). Average milk production, butterfat (%), FCM (3.5%) were 27.1 kg, 3.67%, 28.4 kg; 28.5 kg, 3.63%, 29.5 kg; 27.5 kg, 3.66%, 28.7 kg; respectively for groups I, II, and III. No differences ( $P>.05$ ) in body weights, body condition scores, average number of days to conception, services per conception and days to first service were observed.