



Rumen-Bypass Amino Acids In Three Branded Products

Venue:

Rumen Profiling Laboratory, West Virginia University.

Summary:

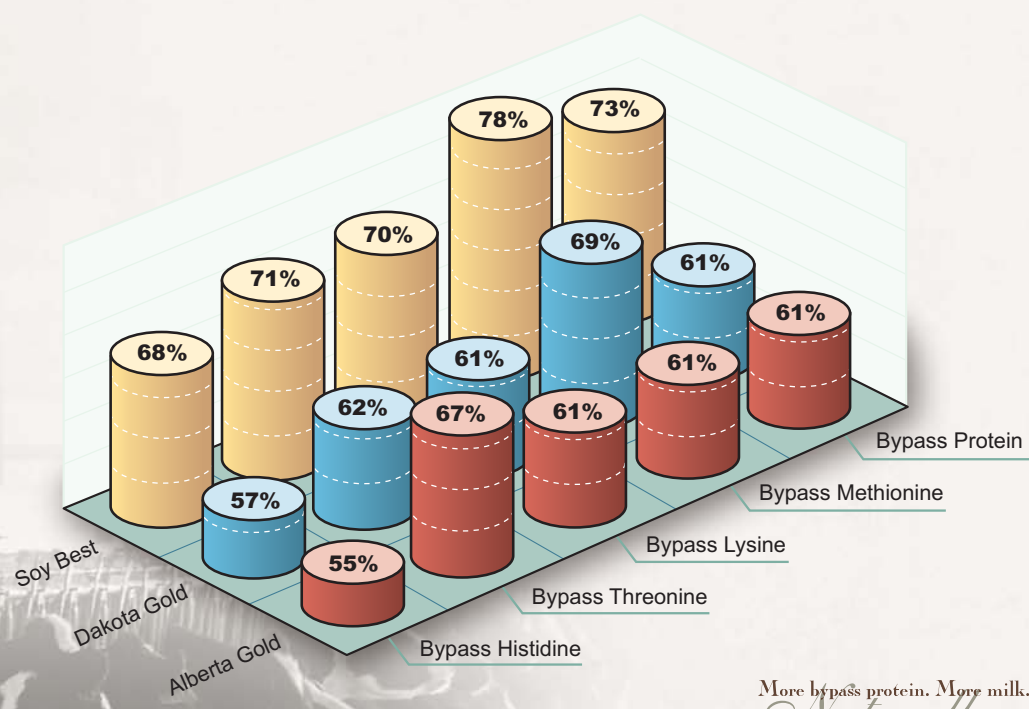
Three protein supplements were evaluated to determine the bypass value of their amino acids and protein. Samples were incubated in the rumen of a fistulated Holstein cow for 16 hours. The cow was in early lactation and producing 80 pounds of milk daily. Samples were run in triplicate.

Results:

The Rumen Profiling Laboratory of West Virginia University reported higher rumen-bypass values for methionine, lysine, histidine, threonine and protein in Soy Best than in Dakota Gold and Alberta Gold. Soy Best is a soybean-based product, Dakota Gold is a corn-based product and Alberta Gold is a canola-based product.



	Soy Best	Dakota Gold	Alberta Gold
Histidine Bypass, % of total:	68.49	56.65	55.41
Threonine Bypass, % of total:	71.03	61.50	66.72
Lysine Bypass, % of total:	69.79	61.13	61.19
Methionine Bypass, % of total:	78.40	68.88	60.89
Protein Bypass, % of total:	73.34	61.23	61.35



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