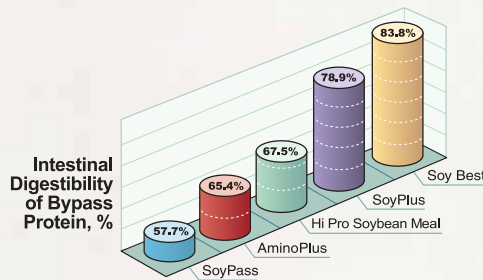




## WITHOUT A DOUBT SOY BEST® IS THE MOST DIGESTIBLE

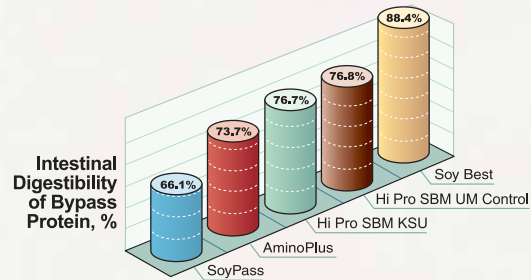
*The scientists prove it for a third time.*

High-producing dairy cows need a well-balanced ration with a source of digestible bypass protein. The extent to which that bypass protein is digested in the intestine can mean the difference between success and failure. Three times now, scientists have shown that Soy Best has the best intestinal digestibility compared to other products that were tested at the same time.<sup>1</sup>



### Journal of Dairy Science

Soy Best had better intestinal digestibility than other bypass protein ingredients in research reported in the Journal of Dairy Science.<sup>2</sup>



### Kansas State University / University of Minnesota

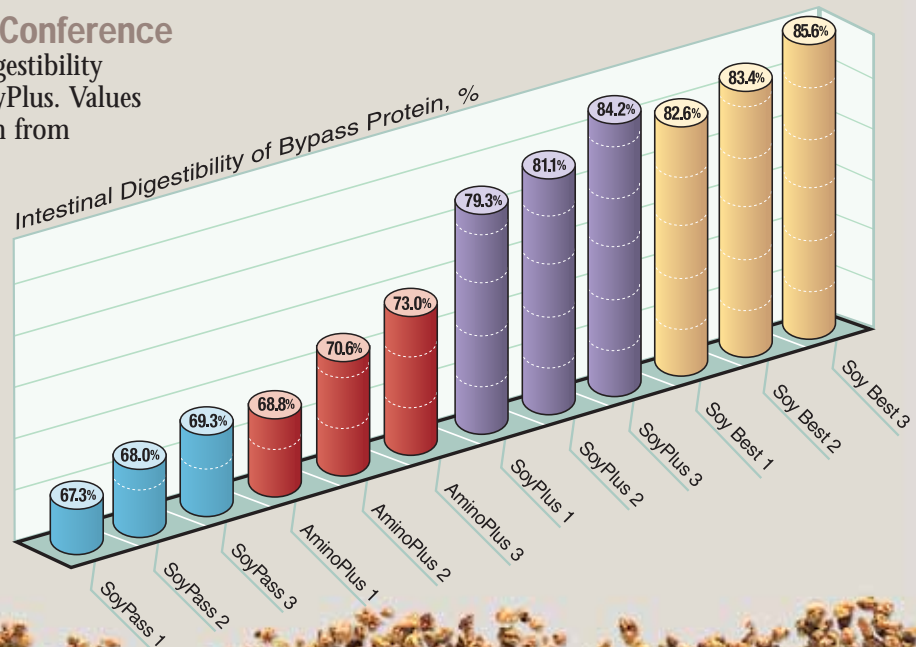
Soy Best had greater intestinal digestibility than AminoPlus, SoyPass and both soybean meals in joint Kansas State University / University of Minnesota research.

### Colorado Dairy Nutrition Conference

Soy Best had greater intestinal digestibility than AminoPlus, SoyPass and SoyPlus. Values in the graph are for samples taken from separate, individual railcars.<sup>3</sup>

### Conclusion:

Scientists agree, new-process Soy Best with fresh soy gums is very digestible in the intestine, making it a good source of bypass protein in dairy cow rations.



<sup>1</sup> Calsamiglia & Stern, J Anim. Sci. 1995 73:1459-1465.  
<sup>2</sup> J. Dairy Sci. 2005 Supplement 1, Abstract #86.  
<sup>3</sup> Colorado Dairy Nutrition Conference, 2007





**"Intestinal digestibility is important. It tells you how much of the amino acids in the bypass protein go to make milk, as opposed to manure."**

– Dr. John Shirley, Professor Emeritus and Dairy Nutritionist, Kansas State University

### More Milk or More Manure?

	Soy Best 2.2 lbs (1kg)	AminoPlus 2.2 lbs (1kg)
Crude Protein (CP):	42.0% <sup>§</sup>	45.0% <sup>§</sup>
Rumen Available Rate, % of CP: <sup>§§</sup>	32.3%	28.0%
Rumen Available Protein: <sup>**</sup>	136 g	126 g
Bypass Rate, % of CP:	67.7%*	72.0% <sup>†</sup>
Bypass Protein:	284 g	324 g
Intestinal Protein Digestibility:	86.1% <sup>‡</sup>	69.5% <sup>‡</sup>
Metabolizable Protein:	244 g	225 g
Fecal Protein:	40 g	99 g
	<b>More Milk</b>	<b>More Manure</b>

<sup>§</sup> Label guarantee value

<sup>§§</sup>100 - Bypass Rate

<sup>\*\*</sup> Rumen-available protein supplies peptides and amino acids for use by rumen microflora. These microbes, in turn, pass to the lower gut and supply high-quality, metabolizable amino acids for milk production.

\* Bypass protein value for any feed ingredient is not a fixed number and will vary with dry matter intake, rumen solids retention time, rumen pH and microbial population. Bypass protein values for Soy Best, as measured at the University of West Virginia and reported in the *Journal of Dairy Science* (2005, Vol. 83, Suppl. 1, Abstract #86, pg. 90) range from 62.1% to 73.3%. Even using the average of these values gives Soy Best the advantage in metabolizable protein for milk production, compared to best values reported by manufacturers of other products.

+ Best value reported in manufacturer's literature

‡ Average of values reported by University of Minnesota

More bypass protein. More milk.

Naturally



SOY BEST<sup>®</sup>  
All Natural Since 1958

Call today for a free sample.

1-800-422-4697

P.O. Box 157 West Point, NE 68788

www.soybest.com

