Maximal Replacement of Forage and Concentrate With a New Wet Corn Milling Product for Lactating Dairy Cows

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Boddugari et al., 2001. J. Dairy Sci. 84:873-884.

Figure 1. 40% inclusion of SBR (replacing forage and concentrate) vs. no Sweet Bran control. Milk production and composition, BW, and body condition as influenced by diet (experiment 3).

Item	Control	CMP[1]	SE
Milk, kg/d	38.6[b]	43.9[a]	1.6
Milk fat			
%	3.99	4.11	0.10
kg/d	1.55[b]	1.81[a]	0.08
Milk protein			
%	3.41	3.42	0.04
kg/d	1.32[b]	1.51[a]	0.05
Milk lactose			
%	4.76	4.79	0.03
kg/d	1.83[b]	2.12[a]	0.06
4% FCM, kg/d	38.5[b]	44.6[a]	1.0
FCM/DMI, kg/kg	1.47[b]	1.79[a]	0.08
Average BW, kg	613	612	10
BCS[2]	2.93	3.00	0.05
BCS change, wk 1 to 9	0.05	0.12	0.04
NEB,[3] Mcal/d	10.8	7.9	1.5

[a,b]Means within a row with unlike superscripts differ ($P < 0.05$).
[1]Wet corn milling feed product.
[2]Body condition score (1 = thin to 5 = obese; Wildman et al., 1982).
[3]Net energy balance ($NE_{intake} - NE_{maintenance} - NE_{milk}$).

Figure 2. Results?????

Item	Control	CMP	Difference
Milk (lbs)	85.1	96.8	11.7
Milk fat (lbs)	3.42	3.99	0.57
Milk protein (lbs)	2.9	3.3	0.4
Fat corrected milk (lbs)	**84.9**	**98.3**	**13.4**

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