

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

<sup>a,b</sup>Means within a row with unlike superscripts differ ( $P < 0.05$ ).

<sup>1</sup>Wet corn milling feed product.

<sup>2</sup>Body condition score (1 = thin to 5 = obese; Wildman et al., 1982).

<sup>3</sup>Net energy balance ( $NE_{\text{intake}} - NE_{\text{maintenance}} - NE_{\text{milk}}$ ).

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
<b>Fat corrected milk (lbs)</b>	<b>84.9</b>	<b>98.3</b>	<b>13.4</b>

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