

**Table 1****Production and nitrogen efficiency of cows fed either soybean meal or canola meal at 15 or 17 percent dietary crude protein (Broderick et al., 2015)**

Item	Protein source		Dietary crude protein			
	SBM	CM	Prob. <sup>1</sup>	15%	17%	Prob.
Dry matter intake, lbs/day	54.7	55.6	0.05	54.9	55.1	0.47
Weight gain, lbs/day	0.8	1.0	0.32	0.9	1.0	0.67
Milk yield, lbs/day	86.6	88.8	< 0.01	87.1	88.4	0.07
Milk/DMI	1.59	1.60	0.11	1.59	1.60	0.14
Milk fat, %	3.99	4.02	0.49	3.99	4.02	0.50
Milk fat	3.4	3.5	0.06	3.4	3.5	0.05
Milk true protein, %	3.04	3.06	0.51	3.05	3.05	0.80
Milk true protein, lbs/day	2.6	2.7	0.02	2.6	2.7	0.14
Solids not fat, %	8.81	8.81	1.00	8.85	8.77	0.18
Solids not fat, lbs/day	7.6	7.8	0.07	7.7	7.7	0.39
Milk urea, mg N/100 ml	11.5	10.3	< 0.01	9.3	12.5	< 0.01
Milk-N/N-intake <sup>2</sup> , %	30	31	< 0.01	32	29	< 0.01
Total urinary nitrogen, g/day	229	206	< 0.01	180	254	< 0.01

<sup>1</sup>Probability of a statistically significant effect; a probability less than 0.05 is “significant” and can be accepted as a meaningful difference.

<sup>2</sup>Percentage of dietary nitrogen (crude protein) that was secreted in the form of milk protein.