



Milk Replacer Protein Trial

Table 1. Milk Replacer Analysis Values⁽¹⁾

Milk Replacer No. <u>Treatment</u>	MR-1580 <u>All Milk</u>	MR-1581 <u>Soy Flour</u>	MR-1583 <u>Soy Conc.</u>
Moisture, %	6.75	5.86	6.30

Table 2. Calf Performance⁽¹⁾

<u>Treatment</u>	<u>All Milk</u>	<u>Soy Flour</u>	<u>SPC</u>
Calf Performance:			
Avg. Initial Wt., lb.	106.00	104.10	106.20
Avg. Final Wt., lb.	122.00	112.70	121.60
Avg. Daily Gain, lb.	.57	.31	.55
Dry Matter Intake/Day, lb.	1.37	1.42	1.40
Dry Matter, %	93.25	94.14	93.70
Protein, %	22.07	22.26 ⁽²⁾	22.51 ⁽²⁾

⁽¹⁾ Fed for four weeks. No dry feed was fed.

Dry Matter, %

Protein, %

⁽¹⁾ Average of two samples

⁽²⁾ Soy Protein supplied 48.9% of total protein.

Table 3. Hemagglutination Testing^a

<u>Milk Replacer</u>	B-Conglycinin	Glycinin
	<u>Final^b</u>	<u>Final^b</u>
All Milk	1.86 ^a	1.07 ^a
Soy Flour	6.85 ^b	5.23 ^b
SPC	1.69 ^a	1.31 ^a

^a The higher the value, the greater the antibody response.

^b Values with different superscripts are significant: ($p < .001$).