



WSU PRO-LAK® DIGESTIBILITY STUDY
EXPERIMENT 1 (COWS IN DRY PERIOD)

	Crude Protein 77.41 (%DM)	At Fecal 13.42	Amounts Digested by Site			% Digested Total Tract 82.67
			Rumen 15.64	Instestine 48.36	Total Tract 64.00	
EAA						
ARG	4.63	0.85	1.38	2.40	3.78	81.62
ILE	2.16	0.31	0.43	1.42	1.85	85.53
LEU	6.59	1.11	0.97	4.51	5.48	83.20
LYS	4.63	0.56	0.94	3.13	4.07	87.86
MET	1.24	0.13	0.36	0.75	1.11	89.27
THR	3.04	0.50	0.49	2.06	2.54	83.59
VAL	4.89	0.89	0.66	3.34	4.00	81.89
NEAA						
ALA	4.86	0.98	1.01	2.88	3.88	79.87
ASP	6.53	1.13	1.06	4.34	5.40	82.62
CYS	1.58	0.37	0.30	0.92	1.21	76.76
GLU	7.87	1.32	1.63	4.93	6.55	83.26
GLY	6.18	1.50	2.34	2.35	4.68	75.78
PRO	4.79	1.12	1.51	2.16	3.67	76.62
SER	4.58	0.93	0.86	2.80	3.65	79.80
Total AA						
	63.57	11.46	13.98	38.13	52.11	81.97

- 1. PRO-LAK® has high protein utilization and high amino acid availability - 82.67%
- 2. All amino acids in PRO-LAK® are not available at the same extent. However, the availability of amino acids that the cow needs for milk production is high in PRO-LAK®. The essential amino acids are above 80% with some approaching 90%.