



WSU PRO-LAK® DIGESTIBILITY STUDY  
EXPERIMENT 2 (COWS 80 DIM)

	Crude Protein 74.13 (%DM)	Amounts Digested by Site			% Digested Total Tract	
		At Fecal	Rumen	xInstestine		
		15.83	21.28	37.03	58.31	78.65
EAA						
ARG	4.59	0.98	1.36	2.25	3.61	78.55
ILE	2.10	0.37	0.52	1.21	1.73	82.43
LEU	6.48	1.49	0.70	4.30	4.99	77.08
LYS	4.70	0.78	0.85	3.07	3.92	83.47
MET	1.40	0.15	0.58	0.67	1.25	89.37
THR	3.19	0.61	0.77	1.81	2.58	80.98
VAL	5.10	1.17	0.82	3.11	3.93	77.07
NEAA						
ALA	5.00	1.17	1.14	2.69	3.83	76.56
ASP	6.50	1.41	0.98	4.11	5.09	78.26
CYS	1.57	0.29	0.35	0.92	1.28	81.31
GLU	8.02	1.55	2.00	4.47	6.47	80.67
GLY	6.09	1.69	2.22	2.18	4.40	72.27
PRO	4.52	1.28	1.19	2.05	3.24	71.72
SER	4.56	1.10	0.97	2.49	3.46	75.82
Total AA						
	63.82	13.42	15.25	35.15	50.40	78.97

- PRO-LAK® has high protein utilization and high amino acid availability - 78.65%
- 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 near or above 80% with some approaching 90%.