CASE
Curriculum for Agricultural Science Education

Activity 5.5.4 - A Balanced Diet

Beef Cattle Ration Balancing Spreadsheet

Feedstuff	As-is	DM%	DM	CP%	CP	TDN%	TDN	ME (mcal)	ME (amt)	NEm (mcal)	NEm (amt)	NEg (mcal)	NEg (amt)	CA %	CA	P %	P
			0		0		0		0		0		0		0		0
Alfalfa hay		90	0	17	0.00	58	0.00	2.1	0.00	1.24	0.00	0.68	0.00	1.41	0.00	0.24	0.00
Corn		89	0	10.9	0.00	90	0.00	3.25	0.00	2.24	0.00	1.55	0.00	0.03	0.00	0.29	0.00
Oats		91	0	10	0.00	78	0.00	2.82	0.00	1.88	0.00	1.24	0.00	0.11	0.00	0.34	0.00
Orchardgrass hay		89	0	15	0.00	65	0.00	2.35	0.00	1.47	0.00	0.88	0.00	0.27	0.00	0.37	0.00
Oat hay		91	0	9.3	0.00	55	0.00	1.99	0.00	1.14	0.00	0.58	0.00	0.24	0.00	0.22	0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
			0		0.00		0.00		0.00		0.00		0.00		0.00		0.00
Total Ration	0		0		0.000		0.00		0.00		0.00		0.00		0.00		0.00
Total Required													0.00		0.00		0.00
Balance	0.00		0.00		0.000		0.00		0.00		0.00		0.00		0.00		0.00
% Difference			#####		#####		#####		#####		#####		#####		#####		#####

Cost per day	kg	$/kg	$/day
Alfalfa hay	0	0.24	$0.00
Corn	0	0.43	$0.00
Oats	0	0.30	$0.00
Orchardgrass hay	0	0.20	$0.00
Oat hay	0	0.13	$0.00
	0		$0.00
	0		$0.00
	0		$0.00
	0		$0.00
	0		$0.00
	0		$0.00
	0		$0.00
	0		$0.00
	0		$0.00
	0		$0.00
TOTAL COST PER DAY			**$0.00**

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