







































Energy Values

Carbon 9,000 calories per gram

Hydrogen 25,000 calories per gram

Oxygen - 3,125 calories per gram

Oxygen 40.5% $CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O + \Delta$

			When is			Require
Liveweight Gain	Milk	Fat	О	. Н	N	Protein
kg/day	kg/day	kg/day	%	%	%	%
-0.2	0.0	0.0	40.5	5.7	0.48	3.0
0.0	0.0	0.0	40.5	5.8	0.64	4.0
0.2	7.1	68.0	40.5	5.9	0.80	5.0
0.5	10.2	98.0	40.5	6.0	0.96	6.0
0.7	14.4	125.0	40.5	6.1	1.12	7.0
0.9	16.5	159.0	40.5	6.2	1.28	8.0
1.1	19.6	187.0	40.5	6.3	1.44	9.0
1.4	22.6	216.0	40.5	6.4	1.60	10.0
1.6	25.6	245.0	40.5	6.5	1.76	11.0
1.8	28.8	275.0	40.5	6.6	1.92	12.0
2.0	32.2	307.0	40.5	6.7	2.08	13.0
2.3	36.4	348.0	40.5	6.8	2.24	14.0
2.5	40.9	391.0	40.5	6.9	2.40	15.0
2.7	45.9	435.0	40.5	7.0	2.56	16.0
2.9	50.5	472.0	40.5	7.1	2.72	17.0



































































































