

Protein source (Body weight)	Performance per day		N excretion (% of intake)	Methane emission (g day ⁻¹) ^c	Emissions (g kg protein ⁻¹)			
					P	N	CH ₄ ^c	CO ₂ eq.
Dairy cow (650 kg)	10	kg milk	75	310	0.10	0.65	1.0	30
	20	kg milk	70	380	0.06	0.44	0.6	16
	40	kg milk	65	520	0.04	0.24	0.4	12
Dairy goat (60 kg)	2	kg milk	75	50	0.08	0.5	0.8	20
	5	kg milk	65	60	0.04	0.2	0.4	10
Beef cattle (350 kg)	500	g ^a	90	170	0.30	2.3	3.5	110
	1000	g ^a	84	175	0.18	1.3	1.7	55
	1500	g ^a	80	180	0.14	1.0	1.2	35
Growing/ fattening pig (80 kg)	500	g ^a	85	5	0.20	1.0	0.12	16
	700	g ^a	80	5	0.12	0.7	0.08	12
	900	g ^a	75	5	0.09	0.55	0.05	10
Broiler (1.5 kg)	40	g ^a	70	Traces	0.04	0.35	0.01	4
	60	g ^a	60		0.03	0.25	0.01	3
Laying hen (1.8 kg)	50	% ^b	80	Traces	0.12	0.6	0.03	7
	70	% ^b	65		0.07	0.4	0.02	5
	90	% ^b	55		0.05	0.3	0.02	3

^a Daily weight gain. ^b Laying performance. ^c CH₄ emission depending on composition of diet.