





" × " F<sub>1</sub>

" × " F<sub>1</sub>

GB 18596  
NY/T 388  
NY/T 471  
NY/T 473  
NY 5027  
NY 5030  
NY 5126  
NY/T 682

6

6      9      250 kg   300 kg

9                      28                      30



A A.1 A.2

B B.1 B.2

7 20

5

C

2

2

6

4 m<sup>2</sup>

A A.3 A.4 A.5

B B.3

C

9 13  
14 20  
21

kg	m <sup>2</sup> /
250 350	5.5 6.5
351 450	6.5 7.0
451 550	7.0 8.0
551	8.0 10.0

45 cm 65 cm

8 10 1

8 10 1

A A.3 A.4 A.5

A

A

B B.4

NY/T 388

NY/T 473

2 3 4 1 10 12 2

NY 5126

GB 18596

" × " F<sub>1</sub>

A. 1

BW kg	DG kg/d	DMI kg/d	CP g/d	TDN kg/d	ME Mcal /d	Ca g/d	P g/d	A VA 1000IU/d
40	0.4	0.63	129	0.72	2.90	10	5	1.9
	0.6	0.73	172	0.82	3.32	15	7	1.9
50	0.4	0.77	154	0.83	3.34	11	6	2.4
	0.6	0.90	210	0.97	3.91	16	7	2.4
	0.8	1.03	266	1.11	4.47	20	9	2.4
75	0.6	1.60	336	1.39	5.27	17	8	3.5
	0.8	1.81	417	1.59	6.01	22	10	3.5
	1.0	2.02	497	1.78	6.75	28	12	3.5
100	0.6	2.14	362	1.70	6.38	19	9	4.7
	0.8	2.41	445	1.94	7.22	24	11	4.7
	1.0	2.68	527	2.17	8.11	30	13	4.7
	1.2	2.95	609	2.40	8.97	35	14	6.6
125	0.6	2.65	432	2.00	7.41	20	10	5.9
	0.8	2.98	524	2.26	8.39	25	12	5.9
	1.0	3.31	617	2.52	8.36	30	13	5.9
	1.2	3.64	709	2.79	10.32	36	15	8.3
150	0.6	3.56	536	2.36	8.56	22	11	7.1
	0.8	3.85	638	2.64	9.56	27	12	7.1
	1.0	4.08	737	2.90	10.50	33	14	7.1
	1.2	4.30	834	3.14	11.39	38	16	9.9
175	0.6	4.43	564	2.32	8.39	22	11	7.5
	0.8	4.75	665	2.61	9.44	27	13	7.5
	1.0	5.00	764	2.89	10.46	32	14	7.5
	1.2	5.22	860	3.17	11.46	38	16	11.6
200	0.6	4.66	612	2.95	10.71	22	11	9.4
	0.8	4.98	718	3.30	11.94	27	13	9.4
	1.0	5.23	821	3.62	13.09	33	15	9.4
	1.2	5.48	920	3.91	14.15	38	16	13.2



" × " F<sub>1</sub>

A. 2

BW kg	DG kg/d	DMI kg/d	CP %	TDN %	ME Mcal /kg	Ca %	P %	A VA 1000IU/kg
40	0.4	0.63	20.5	114	4.60	1.59	0.79	3.0
	0.6	0.73	23.6	112	4.55	2.05	0.96	2.6
50	0.4	0.77	20.0	108	4.34	1.43	0.78	3.1
	0.6	0.90	23.3	108	4.34	1.78	0.78	2.7
	0.8	1.03	25.8	108	4.34	1.94	0.87	2.3
75	0.6	1.60	21.0	87	3.29	1.06	0.50	2.2
	0.8	1.81	23.0	88	3.32	1.22	0.55	1.9
	1.0	2.02	24.6	88	3.34	1.39	0.59	1.7
100	0.6	2.14	16.9	79	2.98	0.89	0.42	2.2
	0.8	2.41	18.5	80	3.00	1.00	0.46	2.0
	1.0	2.68	19.7	81	3.03	1.12	0.49	1.8
	1.2	2.95	20.6	81	3.04	1.19	0.47	2.2
125	0.6	2.65	16.3	75	2.80	0.75	0.38	2.2
	0.8	2.98	17.6	76	2.82	0.84	0.40	2.0
	1.0	3.31	18.6	76	2.53	0.91	0.39	1.8
	1.2	3.64	19.5	77	2.84	0.99	0.41	2.3
150	0.6	3.56	15.1	66	2.40	0.62	0.31	2.0
	0.8	3.85	16.6	69	2.48	0.70	0.31	1.8
	1.0	4.08	18.1	71	2.57	0.81	0.34	1.7
	1.2	4.30	19.4	73	2.65	0.88	0.37	2.3
175	0.6	4.43	12.7	52	1.89	0.50	0.25	1.7
	0.8	4.75	14.0	55	1.99	0.57	0.27	1.6
	1.0	5.00	15.3	58	2.09	0.64	0.28	1.5
	1.2	5.22	16.5	61	2.20	0.73	0.31	2.2
200	0.6	4.66	13.1	63	2.30	0.47	0.24	2.0
	0.8	4.98	14.4	66	2.40	0.54	0.26	1.9
	1.0	5.23	15.7	69	2.50	0.63	0.29	1.8
	1.2	5.48	16.8	71	2.58	0.69	0.29	2.4



BW kg	ADG kg/d	DMI kg/d	CP g/d	MP g/d	Lys g/d	Met g/d	TDN kg/d	ME Mcal /d	NEg Mcal /d	Ca g/d	P g/d	A VA 1000IU/d
600	0.60	8.50	850	581	32.8	10.3	6.27	22.70	9.64	27	21	25.4
	1.00	9.82	1178	811	40.2	12.6	7.59	27.47	12.06	32	22	25.4
	1.40	10.88	1305	902	47.0	14.7	8.79	31.82	14.36	37	23	25.4
	1.60	11.33	1359	941	50.2	15.7	9.35	33.86	15.47	40	24	25.4
650	0.60	8.85	885	598	32.9	10.3	6.63	23.99	10.29	27	22	27.6
	1.00	10.21	1225	829	39.7	12.4	8.00	28.97	12.84	32	23	27.6
	1.40	11.30	1356	920	45.9	14.3	9.26	33.53	15.26	37	24	27.6
	1.60	11.76	1411	958	48.8	15.2	9.85	35.67	16.42	39	25	27.6
700	0.60	9.18	918	612	32.9	10.3	6.97	25.23	10.94	28	23	29.7
	0.80	9.91	991	660	36.1	11.3	7.70	27.89	12.29	30	24	29.7
	1.00	10.57	1263	845	39.1	12.2	8.41	30.43	13.61	32	25	29.7
	1.20	11.16	1339	891	42.0	13.1	9.08	32.86	14.89	34	26	29.7
750	0.60	9.49	949	624	32.8	10.2	7.31	26.45	11.58	28	24	31.8
	0.80	10.24	1024	672	35.7	11.2	8.07	29.21	12.99	30	25	31.8
	1.00	10.91	1309	857	38.5	12.0	8.80	31.85	14.36	32	26	31.8
	1.20	11.51	1381	902	41.0	12.8	9.49	34.37	15.70	33	27	31.8
800	0.40	8.93	893	682	29.8	9.3	6.80	24.63	10.70	27	25	33.9
	0.60	9.78	978	635	32.6	10.2	7.63	27.62	12.21	29	26	33.9
	0.80	10.54	1054	681	35.3	11.0	8.42	30.48	13.67	30	27	33.9
	1.00	11.22	1346	866	37.7	11.8	9.18	33.22	15.10	31	28	33.9

" × " F<sub>1</sub>

A. 4

BW	ADG	DMI	CP	MP	Lys	Met
kg	kg/d	kg/d	%	%	%	

BW      ADG  
kg

" × " F<sub>1</sub>

B.1 B.4

d		l/d	g/d	g/d	
1 3	0 1h	2 3	—	—	
	8 12h	1 2		—	
	0 24h	4 6		—	
	2 3	4 6		—	
4 60	4 13	—	500	50	
	14 17	—	600	100	
	18 21	—	600	150	
	22 28	—	600	200	
	29 35	—	700	300	
	36 42	—	700	400	
	43 49	—	700	500	
	50 56	—	500	800	
57 60	—	250	1100		
1	37 ± 0.5	38 ± 0.5			
2	" —"				

M	kg/d			kg/d		
3	1.5	1.5	—	1.0	1.5	—
4	3.0	1.0	1.0	2.5	1.0	1.0
5	3.5	1.5	1.0	3.0	1.5	1.0
6	3.5	1.5	1.0	3.0	1.5	1.0

M	kg/d			kg/d		
7	3.5	2.0	6.0	3.0	1.5	6.0
8	3.5	2.5	7.0	3.0	2.0	7.0
9	3.5	3.0	8.0	3.0	2.5	8.0

/M	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
kg/d	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.5	8.5	9.0	9.5	10.0	10.0	10.0	10.0	10.0	9.8	9.8	9.5	9.5
	4.0	4.0	5.0	5.0	5.0	5.0	3.0	3.0	—	—	—	—	—							

kg/d

" × " F<sub>1</sub>

C. 1

d	kg			kg		
0	40.0	32.6	46.3	35.5	28.4	42.6
7	44.1	35.9	51.0	39.2	31.3	47.0
15	48.8	39.7	56.5	43.4	34.6	52.1
30	57.6	46.8	66.7	51.2	40.9	61.4
45	68.4	55.6	79.1	61.7	49.4	74.0
60	79.2	64.5	91.6	72.2	57.7	86.6
90	104.7	85.1	121.2	96.1	76.7	98.0
120	133.7	108.7	154.7	122.8	98.2	147.3
150	165.6	134.6	191.8	151.3	120.7	181.6
180	199.6	162.3	231.2	180.7	144.6	216.8
210	235.6	198.7	272.5	214.7	175.4	254.0
240	271.5	229.1	314.3	248.6	203.8	293.4
270	308.6	260.4	356.8	282.6	232.7	332.5



[1] NY/T 815

[2] - - 8 ( )  
[M]. , 2018.

[3] ( ) .  
2008 [M]. , 2009.

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