

TABLES SHOWING DETAILS OF DIGESTION EXPERIMENTS—Continued.

<i>Cornmeal.</i> (Sample No. 37.)	Total Organic Matter.	Protein.	Fat.	Carbo- hydrates	Heat of Com- bustion.
<i>Experiment No. 1. Subject: K. G. Mc.</i>	Gms.	Gms.	Gms.	Gms.	Cals.
Food materials—cornmeal . . .	987.80	75.00	7.08	902.50	3,810
cream	315.30	38.60	248.70	28.00	2,655
sugar	300.00	.....	.....	300.00	1,230
Total	1,603.10	113.60	255.78	1,230.50	7,695
Feces from total food	51.25	19.91	9.41	13.39	250
“ “ cream and sugar . . . . .	.....	1.16	12.44	6.56	152
“ “ cornmeal alone . . . . .	.....	18.75	.....	6.83	98
Amount digested from total food . .	1,551.85	93.69	246.37	1,217.11	7,445
“ “ “ cornmeal . . . . .	.....	56.25	.....	805.67	.....
Energy of urine from total food . . .	.....	.....	.....	.....	117
“ “ “ cornmeal . . . . .	.....	.....	.....	.....	70
Co-efficients of digestibility	per cent.	per cent.	per cent.	per cent.	per cent.
Of total food	96.8	82.5	96.3	98.9	95.2
“ cornmeal alone	96.8	75.0	.....	99.2	95.5
<i>Experiment No 2. Subject: J.E.B.</i>	Gms.	Gms.	Gms.	Gms.	Cals.
Food materials—cornmeal . . .	958.20	72.78	6.88	875.50	4,083
cream	315.30	38.60	248.70	28.00	2,655
sugar	300.00	.....	.....	300.00	1,230
Total	1,573.50	111.36	255.58	1,203.50	7,968
Feces from total food	60.36	19.87	14.39	14.38	310
“ “ cream and sugar . . . . .	.....	1.16	12.44	6.56	152
“ “ cornmeal alone . . . . .	.....	18.71	.....	7.82	158
Amount digested from total food . .	1,513.14	91.49	241.19	1,189.12	7,658
“ “ “ barley . . . . .	.....	54.05	.....	868.94	.....
Energy of urine from total food . . .	.....	.....	.....	.....	114
“ “ “ barley . . . . .	.....	.....	.....	.....	68
Co-efficients of digestibility	per cent.	per cent.	per cent.	per cent.	per cent.
Of total food	96.2	82.2	94.4	98.8	94.7
“ cornmeal alone	95.8	74.3	.....	99.1	94.4
<i>Experiment No 3. Subject: C.R.K.</i>	Gms.	Gms.	Gms.	Gms.	Cals.
Food materials—cornmeal . . .	908.81	69.01	6.53	830.40	3,872
cream	287.60	36.30	225.30	28.00	2,416
sugar	300.00	.....	.....	300.00	1,230
Total	1,496.41	105.31	231.83	1,156.40	7,518
Feces from total food	63.62	20.44	11.22	20.77	310
“ “ cream and sugar . . . . .	.....	1.09	11.26	6.42	138
“ “ cornmeal alone . . . . .	.....	19.35	.....	14.35	172
Amount digested from total food . .	1,432.79	84.87	220.61	1,135.63	7,208
“ “ “ cornmeal . . . . .	.....	49.66	.....	816.05	.....
Energy of urine from total food . . .	.....	.....	.....	.....	106
“ “ “ cornmeal . . . . .	.....	.....	.....	.....	62
Co-efficients of digestibility	per cent.	per cent.	per cent.	per cent.	per cent.
Of total food	95.7	80.6	95.2	98.2	94.5
“ cornmeal alone	94.9	71.9	.....	98.3	93.9
Average co-efficients of digesti- bility	per cent.	per cent.	per cent.	per cent.	per cent.
Of total food	96.2	81.8	95.3	98.6	94.8
“ cornmeal alone	95.8	73.7	.....	98.9	94.6