*Supplementary table S2: Intake and digestibility of nutrients*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | Mean | SD | Min | Max |
| Intake kg/d | | |  |  |  |  |
| DM1 | 18.0 | 2.5 | 12.0 | 24.0 |
| OM2 | 16.7 | 2.4 | 11.3 | 22.4 |
| Crude protein | 3.19 | 0.51 | 2.08 | 4.49 |
| CHO3 | 12.78 | 1.95 | 8.35 | 17.3 |
| NDF | 5.87 | 1.00 | 3.88 | 8.24 |
| Starch | 1.89 | 1.43 | 0.04 | 5.08 |
| Sugar | 1.45 | 1.40 | 0.04 | 5.16 |
| Carbon | 8.07 | 1.17 | 5.55 | 10.91 |
| Fat | 0.74 | 0.33 | 0.23 | 1.33 |
| Fatty acid | 0.59 | 0.30 | 0.18 | 1.13 |
| Rumen digestibility, % of intake | | | |  |  |  |
| DM | 32.8 | 4.4 | 24.0 | 39.1 |
| OM | 42.4 | 3.9 | 34.7 | 50.3 |
| Crude protein | -12.8 | 6.1 | -24.5 | 1.8 |
| CHO | 60.6 | 3.5 | 52.9 | 68.3 |
| NDF | 64.4 | 6.7 | 46.8 | 78.1 |
| Crude fat | -40.2 | 24.2 | -131.6 | -3.8 |
| Rumen digested nutrient kg/d | | |  |  |  |  |
| DM | 5.93 | 1.23 | 3.39 | 8.55 |
| OM | 7.10 | 1.21 | 4.63 | 9.81 |
| Crude protein | -0.40 | 0.19 | -0.73 | 0.07 |
| CHO | 7.75 | 1.22 | 4.98 | 10.1 |
| NDF | 3.76 | 0.63 | 2.35 | 5.10 |
| Carbon | 2.97 | 0.51 | 1.92 | 4.22 |
| Large intestine digestibility, % of ileal flow | | | | |  |  |
| DM | 16.4 | 7.5 | -8.2 | 29.9 |
| OM | 10.0 | 7.9 | -15.7 | 24.0 |
| Crude protein | 10.5 | 9.5 | -16.7 | 32.4 |
| NDF | 9.9 | 11.2 | -22.4 | 35.1 |
| Crude fat | -7.5 | 9.8 | -43.7 | 12.5 |
| Large intestine digested nutrient kg/d | | | |  |  |  |
| DM | 1.00 | 0.54 | -0.40 | 2.44 |
| OM | 0.50 | 0.43 | -0.64 | 1.55 |
| Crude protein | 0.13 | 0.13 | -0.20 | 0.53 |
| CHO | 0.39 | 0.32 | -0.38 | 1.24 |
| NDF | 0.23 | 0.28 | -0.54 | 0.90 |
| Crude fat | -0.02 | 0.03 | -0.12 | 0.05 |
| Total tract digestibility, % of intake | | | |  |  |  |
| DM | 72.5 | 3.0 | 66.0 | 77.3 |
| OM | 73.9 | 2.8 | 67.8 | 79.0 |
| Crude protein | 67.9 | 3.4 | 60.9 | 76.7 |
| NDF | 64.4 | 6.8 | 46.4 | 76.1 |
| Crude fat | | 59.5 | 10.6 | 21.5 | 74.6 |

1 DM = Dry matter

2 OM = Organic matter

3 CHO = Carbohydrate