**Supplementary Table S2** Nutrient composition of pasture and hay in the extensive (Ext) and semi-extensive (Semi) production systems.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1st cut hay | |  | 2nd cut hay | |  | Pasture | |  | Concentrate 2 |
| Ext | Semi |  | Ext | Semi |  | Ext 3 | Semi 4 |  | Semi |
| OM (% DM) | 93.1 | 92.5 |  | 89.6 | 89.4 |  | 90.9 | 90.4 |  | 97.0 |
| Net energy (MJ/kg DM) | 4.7 | 4.8 |  | 5.2 | 5.3 |  | 6.0 | 6.4 |  | 7.5 |
| CP (% DM) | 8.6 | 9.7 |  | 12.3 | 13.3 |  | 15.5 | 17.2 |  | 11.9 |
| PDI 2 (g/kg DM) | 75 | 80 |  | 89 | 92 |  | 99 | 106 |  | 109 |
| NDF (% DM) | 65.1 | 65.3 |  | 54.8 | 54.8 |  | 55.3 | 53.7 |  | na |
| ADF (% DM) | 37.3 | 37.5 |  | 28.4 | 28.4 |  | 26.4 | 25.1 |  | na |
| Digestibility (%) 5 | na | na |  | na | na |  | 64 | 71 |  | na |
| 1 Pelleted concentrate containing equal parts of wheat, barley and corn grain.  2 Protein truly digestible in the small intestine (INRA, 2007).  3 Composed of 23% agrostis, 15% cocksfoot and 13% white clover.  4 Composed of 48% cocksfoot, 9% white clover and 9% Agrostis.  5 Pepsin-cellulase digestibility of OM (Aufrère et al. 2007.INRA Prod. Anim. 20, 129-136**)** | | | | | | | | | | |