

**Supple. Table 1.** Chemical composition (% DM) and intake (mean  $\pm$  standard deviation) of calf starter and mixed hay fed to calves.

|                              | <b>Calf starter</b> | <b>Mixed hay <sup>1</sup></b> |
|------------------------------|---------------------|-------------------------------|
| Chemical composition (% DM)  |                     |                               |
| DM                           | 87.0                | 85.4                          |
| CP                           | 20.3                | 7.73                          |
| EE                           | 5.53                | 1.23                          |
| CF                           | 6.63                | 32.7                          |
| Ash                          | 6.06                | 5.97                          |
| NDF                          | -                   | 60.0                          |
| ADF                          | -                   | 33.5                          |
| Total intake (mean $\pm$ SD) |                     |                               |
| 1~4 weeks                    | 2771 $\pm$ 54.4     | 465 $\pm$ 10.4                |
| 5~6 weeks                    | 3360 $\pm$ 50.6     | 487 $\pm$ 12.4                |
| 7~8 weeks                    | 4075 $\pm$ 43.1     | 506 $\pm$ 10.8                |

<sup>1</sup>Mixed hay consisted 50% orchard grass and 50% tall fescue; Mineral premix supplied the following nutrients per kg mixed feed: vitamin A, 4200 IU; vitamin D, 7433; vitamin E, 121 U; CuSO<sub>4</sub>·5H<sub>2</sub>O, 85.7 mg; zinc oxide, 55 mg; MnO<sub>2</sub>·H<sub>2</sub>O, 55 mg; MgO, 1.88g; DM, Dry matter; CP, Crude protein; EE, Ether extract; CF, Crude fiber; NDF, neutral detergent fiber; and ADF, acid detergent fiber