Supplementary Table S1

Composition of the diets and amount of feed in the High and Low feeding systems fed to the dairy cows during indoor, pasture and dry period.

|  |  |  |
| --- | --- | --- |
|  | High | Low |
| Indoor diets |  |  |
| Maize Silage (% DM) | 55 | ∙ ∙ ∙ |
| Dehydrated Alfalfa pellets (% DM) | 15 | ∙ ∙ ∙ |
| Grass Silage (% DM) | ∙ ∙ ∙ | 50 |
| Haylage (% DM) | ∙ ∙ ∙ | 48 |
| Concentrates + Minerals and Vitamins (% DM) | 30 | ∙ ∙ ∙ |
| Minerals and Vitamins (% DM) | ∙ ∙ ∙ | 2 |
| Pasture feeding |  |
| Rotational Grazing (ha/cow) | 0.351 | 0.55² |
| Concentrates (kg) | 4.0 | ∙ ∙ ∙ |
| Minerals and Vitamins (kg) | 0.25 | 0.50 |
| Dry period |  |
| Grass Silage (% DM) | 100 | 100 |

1 in the case of grass shortage, cows received maize silage. This occurred often around mid-July.

² in the case of grass shortage, cows received grass silage. This occurred rarely during summer and late-October.