

Supplementary material¹

Fermentative profile and nutritional composition of tropical grass silages from Brazilian beef farms

Janaina Macieiro Bragatto, Ariane de Freitas Silva, Nailah Grunndemann da Silva, Giovanna Hamera Zapponi, Pedro Ricardo Ballavenuto Campanili, Ferenc Istvan Bánkuti, Thiago Fernandes Bernardes, Luiz Gustavo Nussio, João Luiz Pratti Daniel

Supplementary material S1 - Tropical grass silage practices questionnaire

1. Sample ID: _____
 2. Brazilian state: _____
 3. Consultancy for grass silage production: (☐) Yes (☐) No
 4. Grass genus: _____
 5. Application of fertilizers on the grass production area: (☐) Yes (☐) No
 6. Fertilizer application rate (kg/ha):
N: _____
P₂O₅: _____
K₂O: _____
 7. Sward age (yr): _____
 8. Harvest frequency (cuts/yr): _____
- _____

¹ The supplementary material was neither revised nor formatted by this journal.

9. Grass maturity at harvest (d): _____
10. Fresh matter yield (t /ha in the current cut): _____
11. Dry matter yield (t /ha in the current cut): _____
12. Grass production area: () Semi-perennial () Crop-livestock integration
() Pasture surplus
13. Harvester: () Own () Outsourced
14. Harvester type: () Pull-type () Self-propelled
15. Theoretical length of cut (mm): _____
16. Forage wilting: () Yes () No
17. Use of silage additives: () Yes () No
18. Additive type: () Homolactic bacteria () Heterolactic bacteria
() Combination of homo and heterolactic bacteria () Chemical additive (type
and dose): _____
19. Use of moisture absorbent: () Yes () No
20. Moisture absorbent type: _____
21. Dose of moisture absorbent (kg/t as fed): _____
22. Silo type: () Bunker () Drive-over () Bag () Bale () Other: _____
23. Grass silage usage:
Breeding cows: () Yes () No

Growing Cattle: (☐) Yes (☐) No

Finishing Cattle: (☐) Yes (☐) No

24. Proportion of grass silage in diet:

Breeding cows (g/kg DM): _____

Growing cattle (g/kg DM): _____

Finishing cattle (g/kg DM): _____