Corrigendum to “Shifts in bacterial community composition in the rumen of lactating dairy cows under milk fat-depressing conditions” (J. Dairy Sci. 93:265–278)

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An error has been noted in values for DMI in Table 3 (page 270). The corrected table is shown below, with corrected values shown in bold.

The authors regret the error.

Table 3. Production and ruminal chemistry data for cows in the different milk fat response groups¹

Measurement	S-responsive		M-responsive		SM-responsive		Nonresponsive	
	Cow 1664	Cow 2464	Cow 1272	Cow 2088	Cow 1884	Cow 2082	Cow 1692	Cow 2470
Production data, ² kg/d								
DMI	25.0	24.2	26.6	22.0	25.2	24.1	26.6	24.2
Milk yield	48.0	35.9	38.4	32.7	34.9	22.1	42.6	36.8
3.5% FCM	40.2	34.4	42.8	32.7	38.4	27.6	42.2	37.6
Protein	1.25	1.16	1.23	0.97	1.18	0.86	1.22	1.06
Lactose	2.18	1.89	2.34	1.98	2.24	1.48	2.25	1.82
Ruminal chemistry ³								
pH	5.72	5.94	5.87	6.09	6.05	6.12	5.88	5.96
Total VFA, mM	159	156	149	135	136	145	151	129
Acetate, mol %	57.6	58.7	58.8	62.7	64.3	64.3	63.0	63.7
Propionate, mol %	22.9	23.7	23.2	17.5	19.2	17.7	20.2	19.6
Butyrate, mol %	13.2	12.1	11.6	14.3	12.4	13.3	12.6	12.3
Acetate:propionate ratio	2.72	2.56	2.69	3.64	3.41	3.68	3.17	3.30
Total number of ARISA peaks, ⁴ AL	176	175	188	173	176	182	171	168

¹Response groups: cows with milk fat percentage affected by starch fermentability (S-responsive), monensin (M-responsive; Rumensin 80, Elanco Animal Health, Greenfield, IN), or starch fermentability and monensin (SM-responsive), and cows not affected by either starch fermentability or monensin (nonresponsive).

²Production data from last 5 d (10 milkings) of each 28-d period, averaged across all 4 treatment periods.

³Ruminal chemistry from samples collected 6 h postfeeding on last 3 d of each 28-d period, averaged across all 4 treatment periods.

⁴ARISA = automated ribosomal intergenic spacer analysis; AL = amplicon length. Includes total number of unique AL identified in full set of 24 samples (3 daily samples × 4 experimental periods × 2 phases) for each cow.

REFERENCE

Weimer, P. J., D. M. Stevenson, and D. R. Mertens. 2010. Shifts in bacterial community composition in the rumen of lactating dairy cows under milk fat-depressing conditions. J. Dairy Sci. 93(1):265–278. <https://doi.org/10.3168/jds.2009-2206>.