

Table 1

Percentile ranking of key fermentation parameters

Parameter ¹		FP	SR	SD	Total	TDMD	VFA
Overall average ±SD ²		63.4±	4.63±	10.88±	177±	79.5±	23.9±
		10.5	0.44	1.30	15	3.43	3.44
Low to medium performance TMR < 70 lbs milk	1%	42.2	3.62	7.90	140.6	69.7	16.56
	5%	47.3	3.92	8.81	153.1	73.14	18.94
	10%	51.2	4.07	9.32	158.7	75.19	20.18
	25%	56.2	4.34	10.02	166.7	77.57	22
	50%	62.6	4.63	10.85	176.1	79.72	23.73
High performance TMR > 100 lbs of milk	75%	69.6	4.90	11.65	185.9	81.66	25.65
	90%	75.0	5.17	12.60	194.6	83.12	27.20
Performance may suffer because of low feed efficiency and/or rumen health issues	95%	82.5	5.35	13.10	198.2	84.15	29.61
	99%	95.2	5.67	14.03	221.8	87.53	35.04

¹ FP: Fast pool gas production, mL/g DM; SR: slow rate (fiber), %/h; SD: Estimated starch degradation rate (%/h); total: Total gas production (ml/g DM); TDMD, true dry matter digestibility (% DM); VFA; net production of volatile fatty acids (mM).

²Standard deviation.