

Effect of post-milking teat dipping on milk quality and udder health of crossbred cows

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SUPPLEMENTARY FILE

Table S1. Mean milk parameters with standard errors in experimental crossbred cows

Parameter	Sampling	Control	Iodine	Lactic acid	Essential oils
		(G-1)	(G-2)	(G-3)	(G-4)
Milk Yield (Kg)	1-30 DIM	15.875 ^a ±0.47	16.93 ^b ±0.36	16.75 ^b ±0.23	17.125 ^b ±0.36
	30-60 DIM	15.275 ^a ±0.40	17.9 ^b ±0.45	17.75 ^b ±0.32	18.175 ^b ±0.46
	60-90 DIM	13.95 ^a ±0.35	17.48 ^b ±0.37	17.27 ^b ±0.35	17.58 ^b ±0.40
Milk Fat (%)	0 DIM	3.4±0.12	3.43±0.14	3.42±0.098	3.34±0.128
	15 DIM	3.39±0.26	3.56±0.15	3.59±0.137	3.47±0.23
	45 DIM	3.33 ^a ±0.184	3.69 ^b ±0.09	3.77 ^b ±0.143	3.72 ^b ±0.14
	90 DIM	3.32 ^a ±0.17	3.77 ^b ±0.24	3.75 ^b ±0.09	3.80 ^b ±0.05
Milk SNF (%)	0 DIM	9.38±0.102	9.40±0.128	9.35±0.180	9.30±0.13
	15 DIM	9.40±0.100	9.39±0.126	9.33±0.152	9.38±0.22
	45 DIM	9.41±0.096	9.48±0.220	9.43±0.156	9.48±0.10
	90 DIM	9.30±0.13	9.42±0.148	9.46±0.152	9.44±0.10
Milk Total Solids (%)	0 DIM	12.927±0.128	12.906±0.274	12.9865±0.256	12.8385±0.19
	15 DIM	12.9395±0.17	12.995±0.149	12.9495±0.151	12.853±0.37
	45 DIM	12.821±0.16	13.018±0.186	13.110±0.149	12.993±0.11
	90 DIM	12.949±0.15	13.187±0.35	13.155±0.178	13.101±0.25
Milk Protein (%)	0 DIM	3.48±0.0457	3.48±0.052	3.46±0.076	3.42±0.08
	15 DIM	3.40±0.070	3.51±0.059	3.49±0.062	3.42±0.12
	45 DIM	3.47±0.083	3.47±0.10	3.45±0.071	3.41±0.08
	90 DIM	3.49±0.084	3.47±0.088	3.47±0.088	3.45±0.079

Milk Lactose	0 DIM	4.31±0.071	4.35±0.068	4.33±0.101	4.36±0.06
	15 DIM	4.38±0.072	4.47±0.088	4.40±0.066	4.42±0.14
(%)	45 DIM	4.40 ^a ±0.070	4.56 ^b ±0.150	4.49 ^b ±0.072	4.55 ^b ±0.07
	90 DIM	4.40 ^a ±0.069	4.65 ^b ±0.098	4.62 ^b ±0.092	4.58 ^b ±0.10
Freezing Point	0 DIM	-0.51±0.003	-0.50±0.003	-0.50±0.01	-0.50±0.005
	15 DIM	-0.57±0.006	-0.50±0.005	-0.51±0.003	-0.52±0.005
(°C)	45 DIM	-0.51±0.004	-0.51±0.008	-0.50±0.004	-0.507±0.0052
	90 DIM	-0.51±0.006	-0.51±0.006	-0.52±0.005	-0.50±0.006

Means with different superscripts (a,b) within a row differ significantly (p<0.05)