

Table S1. Descriptive statistical variables for the number of lactating cows per season and production system, monitored for the animal drinking consumption.

Pasture System n = 60							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	27	47.9	49.0	14.2	29.7	68.0	23.0
Dry season	33	45.6	48.0	15.3	33.6	68.0	22.0
Semi-Confined System n = 132							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	56	64.7	41.0	64.4	99.5	250.0	22.0
Dry season	76	80.8	41.0	75.8	93.8	266.0	20.0
Confined System n = 122							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	54	78.6	70.0	42.0	53.5	195.0	28.0
Dry season	68	82.5	73.0	47.3	57.4	266.0	27.0

Notes: n- number of records/ SD- standard deviation / CV- coefficient of variation /Max. – Maximum / Min. - Minimum

Table S2. Descriptive statistical variables for the number of lactating cows per season and production system, monitored for cleaning consumption.

Pasture System n = 121							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	55	35.1	32.0	11.6	32.9	68.0	17.0
Dry season	66	39.2	36.5	15.1	38.5	74.0	20.0
Semi-Confined System n = 349							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	167	58.1	38.0	44.8	77.1	250.0	12.0
Dry season	182	65.9	40.0	56.6	85.9	250.0	15.0
Confined System n = 92							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	42	83.7	78.0	52.7	62.9	286.0	26.0
Dry season	50	104.7	80.5	71.9	68.7	292.0	30.0

Notes: n- number of records/ SD- standard deviation / CV- coefficient of variation /Max. – Maximum / Min. - Minimum

Table S3. Descriptive statistical variables for kg milk cow day⁻¹, per season and production system, monitored for the animal drinking consumption.

Milk Yield – Pasture System							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	27	18.2	18.2	2.2	12.2	23.0	13.7
Dry season	33	17.5	18.3	2.9	17.0	22.0	12.3
Milk Yield – Semi-Confined System							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	56	15.6	15.3	3.4	21.8	22.1	10.1
Dry season	76	15.7	16.0	3.7	23.6	22.9	10.0
Milk Yield – Confined System							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	54	23.5	23.5	4.7	19.8	34.6	13.8
Dry season	68	24.4	25.5	5.6	22.8	34.5	11.0

Notes: n- number of records/ SD- standard deviation / CV- coefficient of variation /Max. – Maximum / Min. – Minimum

Table S4. Descriptive statistical variables for kg milk cow day⁻¹, per season and production system, monitored for cleaning consumption.

Milk Yield – Pasture System							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	55	13.8	13.48	2.5	18.1	20.5	10.1
Dry season	66	14.2	13.39	3.2	22.8	21.8	10.1
Milk Yield – Semi-Confined System							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	167	15.5	15.6	3.9	25.6	27.2	10.1
Dry season	182	15.2	14.7	3.5	22.7	23.8	10.0
Milk Yield – Confined System							
Season	n	Average	Median	SD	CV (%)	Max.	Min.
Wet season	42	19.7	19.1	6.6	33.7	40.5	10.1
Dry season	50	22.8	19.9	7.1	30.9	38.6	12.8

Notes: n- number of records/ SD- standard deviation / CV- coefficient of variation /Max. – Maximum / Min. - Minimum