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STUD BOOK

Logix *Melk/Milk*

Kudde Gesondheids Verslag / Herd Health Report

REID

P.O. BOX 282

SUNDRA

2200

thalia@studbook.co.za

Test-day: 2026-04-07

Jersey Cows

LogixMilk Technical Advisor:

THALIA BRAMELD

071 493 1111

thalia@studbook.co.za

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HERD HEALTH SUMMARY REPORT

REID - Jersey Cows

Table 1: Summary for Test-day 2026-04-07 (Number of Samples Tested: 75)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 18.3 Median: 18.0		
Butterfat (%)	Avg.: 5.11 Median: 5.16	3.5 % - 6.0 %	Too Low: 3 % Too High: 11 %
Protein (%)	Avg.: 4.00 Median: 4.00	3.0 % - 4.5 %	Too Low: 0 % Too High: 16 %
Lactose (%)	Avg.: 4.59 Median: 4.61	> 4.7 %	Too Low: 61 %
MUN (mg/dl)	Avg.: 16.05 Median: 16.00	8 - 16 mg/dl	Too Low: 0 % Too High: 41 %
SCC (x1000/ml)	Avg.: 265 Median: 100 % < 100 : 53.3 % % < 200 : 64.0 % % < 500 : 82.7 % % > 750 : 9.3 % % > 1 000 : 5.3 % % > 1 500 : 2.7 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 10.7 % Too High: 11.0 % Too High: 9.3 % Too High: 4.5 % Too High: 4.3 % Too High: 2.7 %
Butterfat Protein ratio	Average: 1.3	> 1.0	Too High: 4.0 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-04-07

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	73.2 (5.3 %)	1st Lact Cows:	183/90 (16)
DIM (kg per day):	141.8 (10.3 %)	2nd Lact Cows:	146/90 (12)
No. of Cows Under Pressure:	9 (12.0 %)	3rd Lact Cows:	361/260 (14)
No. Cows with SCC > 200k:	27 (36.0 %)	4th Lact Cows:	246/65 (10)
No. Cows with SCC > 750k:	7 (9.3 %)	5th Lact Cows:	360/90 (9)
No. New Infections:	15 (20.0 %)	6+ Lact Cows:	314/190 (14)
No. Recurring Infections:	7 (9.3 %)	Avg. SCC for SCC > 750k (n):	1166 (7)
Cure Rate for SCC > 200k:	29.6 % (8)	Avg. Days In Milk (DIM) for Herd:	199
Cure Rate for SCC > 750k:	66.7 % (10)	Median of DIM for Herd:	190
No. Chronic Infections (SCC > 200k):	9 (12.0 %)	Avg. DIM for SCC < 200k (n):	176 (48)
No. Chronic Infections (SCC > 750k):	0 (0.0 %)	Avg. DIM for SCC > 200k and < 750k (n):	239 (20)
No. of Possible Ketosis Cases:	3	Avg. DIM for SCC > 750k (n):	232 (7)
No. of Possible Acidosis Cases:	3	Avg. Parity for Herd:	4
Avg. Age at First Calf (Months):	24	Avg. Parity for SCC < 200k:	3
Avg. Inter-Calf Period (Days):	457	Avg. Parity for SCC > 200k and < 750k:	3
No. Flushings:	NA	Avg. Parity for SCC > 750k:	4
No. Embrios:	NA		

Table 3: Benchmark: Herd with the Top 25%, Average and Bottom 25% for different traits tested the last month of for Jersey Cows

	Milk Production (kg)	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)
Herd	18.3	5.11	4.00	4.59	265	16.05
Top 25%	26.5	5.75	4.32	4.84	40	14.00
Breed Avg	21.8	5.17	4.04	4.67	273	12.03
Bottom 25%	16.7	4.57	3.76	4.56	210	9.00

*** PLEASE CONSULT YOUR VETERINARIAN, PROFESSIONAL ANIMAL SCIENTIST or LogixMilk TECHNICAL ADVISOR for the interpretation of these results and professional advisory services.**

Table 4: Summary of Somatic Cell Counts per Lactation Group in the herd for 75 Jersey Cows

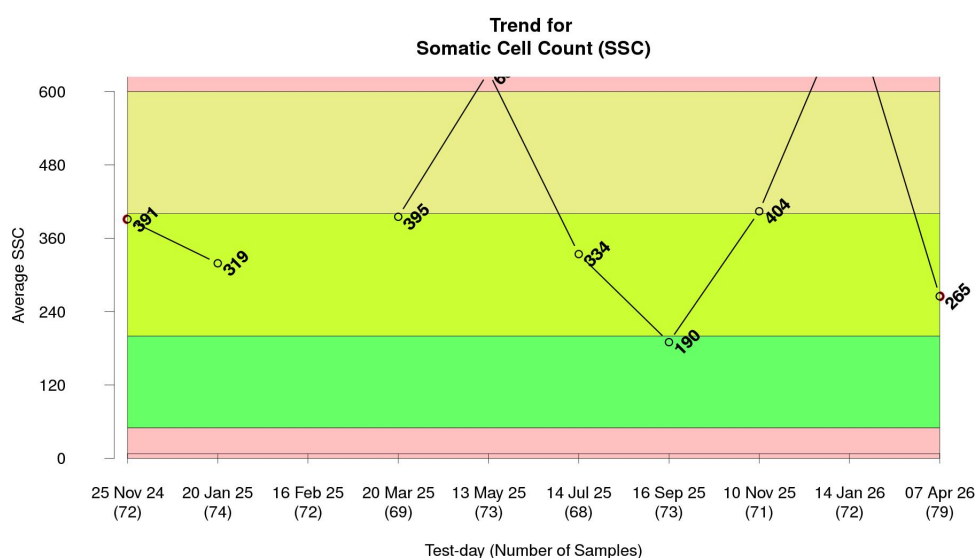
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	21.3% (16)	14.7% (11)	1.3% (1)	5.3% (4)	8.0% (6)	1.3% (1)
2	16.0% (12)	4.0% (3)	6.7% (5)	5.3% (4)	2.7% (2)	0.0% (0)
3	18.7% (14)	1.3% (1)	4.0% (3)	13.3% (10)	9.3% (7)	2.7% (2)
4	13.3% (10)	6.7% (5)	2.7% (2)	4.0% (3)	4.0% (3)	1.3% (1)
5	12.0% (9)	6.7% (5)	0.0% (0)	5.3% (4)	5.3% (4)	2.7% (2)
6+	18.7% (14)	2.7% (2)	5.3% (4)	10.7% (8)	6.7% (5)	1.3% (1)
Herd	100% (75)	36.1% (27)	20% (15)	43.9% (33)	36% (27)	9.3% (7)

Table 5: Somatic Cell Count (SCC) Analysis: Percentage (Number) of Cows within Stage of Lactation and Lactation Group for SCC > 200k and SCC > 750k for 75 Jersey Cows

Lactation Group	Early Lactation		Mid Lactation		Late Lactation	
	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k
1	36.4% (4)	9.1% (1)	0.0% (0)	0.0% (0)	50.0% (2)	0.0% (0)
2	0.0% (0)	0.0% (0)	20.0% (1)	0.0% (0)	25.0% (1)	0.0% (0)
3	0.0% (0)	0.0% (0)	66.7% (2)	0.0% (0)	50.0% (5)	20.0% (2)
4	20.0% (1)	0.0% (0)	50.0% (1)	50.0% (1)	33.3% (1)	0.0% (0)
5	20.0% (1)	0.0% (0)	0% (0)	0% (0)	75.0% (3)	50.0% (2)
6+	50.0% (1)	50.0% (1)	0.0% (0)	0.0% (0)	50.0% (4)	0.0% (0)

Table 6: Bulk Tank Results for 2026-04-07 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	5.11	3.97	4.63	237	16	

**Figure 1:** Somatic Cell Count (SCC) Trend

The average Somatic Cell Count (SCC) and the trend over time is shown in the graph. The ideal is a herd with an average count of less than 200 000. A higher SCC results in lower milk production and possible udder infection. If animals with high SCC can be identified early, they can be treated in time, thereby preventing production loss and permanent udder damage resulting in lower herd life.

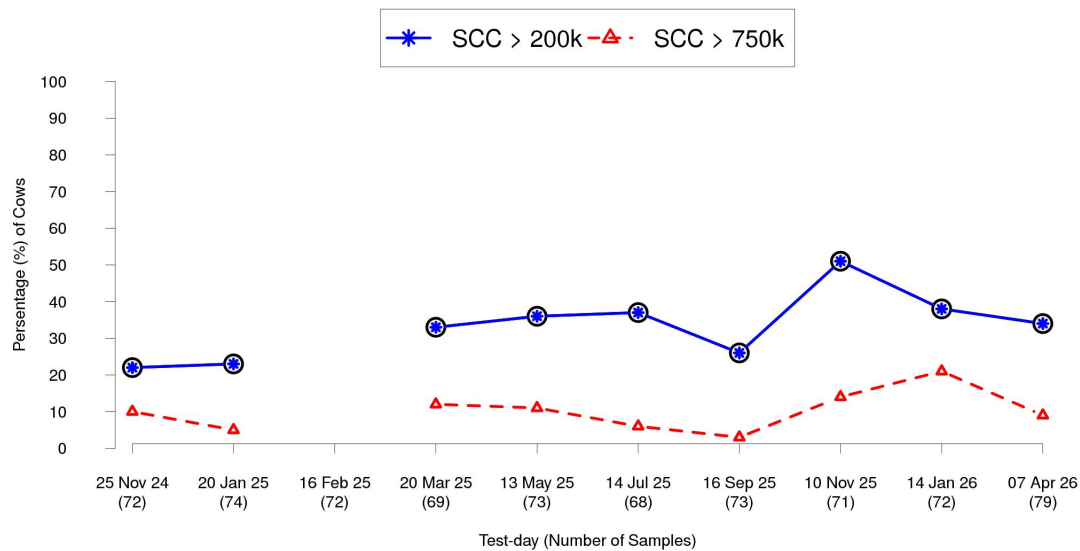


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

The graph presents the trend of the % of cows with Somatic Cell Counts (SCC) more then 200k and 500k, respectively. The ideal is to have as few cows as possible with a SCC of more than 200K and none with a SCC of more than 750k.

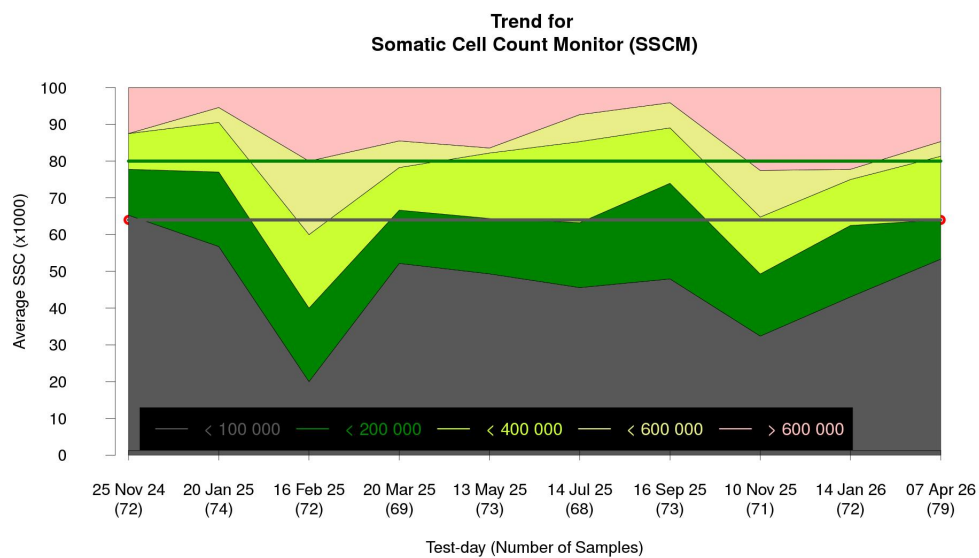


Figure 3: Somatic Cell Count (SCC) Monitor Trend

The graph shows the percentage of cows within certain Somatic Cell Count (SCC) levels. Ideally, at least 64% of the cows of a herd should have a SCC of less than 100 000 and 80% a SCC of less than 250 000. The danger zone is indicated in red, where ideally no cows should be indicated.

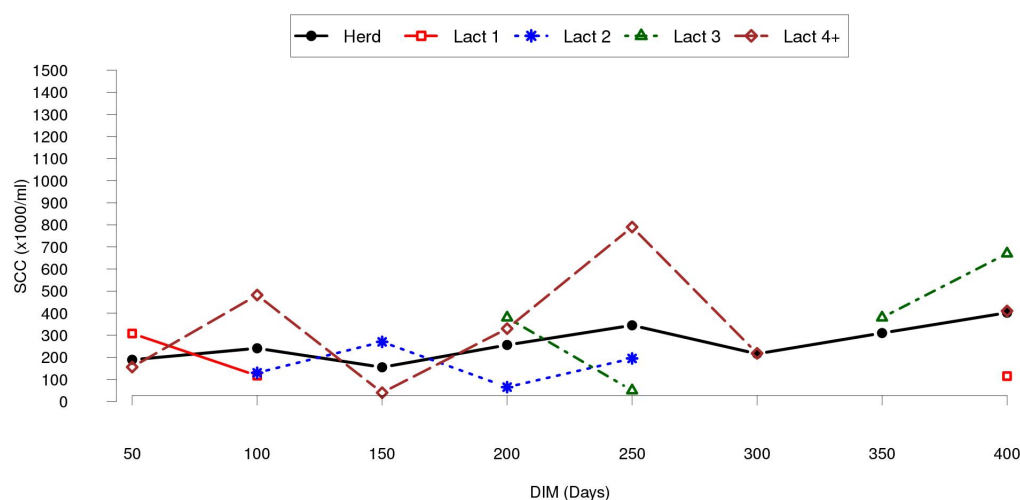


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

This graph indicates the average Somatic Cell Counts (SCC, x1000/ml) per day in milk (DIM) for the complete herd, as well as for Lactation 1, 2, 3 and 4+ cows, separately.

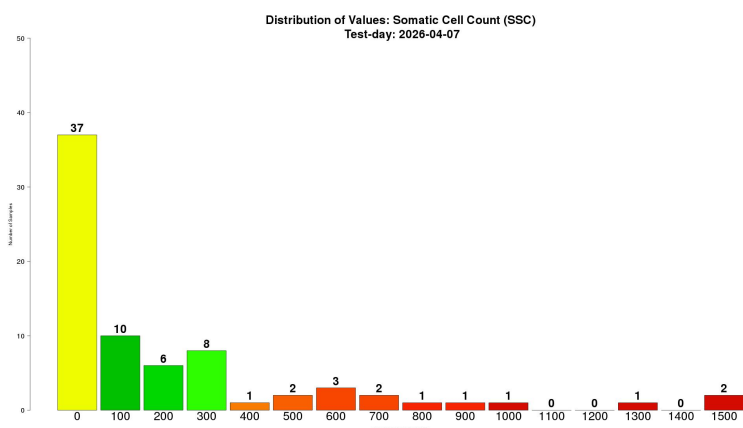


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-04-07)

The graph depicts the number of animals within certain levels of Somatic Cell Counts (SCC). If the cows with SCCs higher than 600 000 can be identified early, they can be treated or even culled from the herd, preventing economic losses due to penalties paid for high SCCs in the milk.

Table 7: Somatic Cell Count (SSC) distribution and Milk Loss Monitor 2026-04-07

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	37	10	15	7	4	2
% Cows	49.3 %	13.3 %	20.0 %	9.3 %	5.3 %	2.7 %
Milk Quality	Excellent	Very Good	Needs Improvement	Poor	Serious	BAD
% Milk Loss	< 2 %	2 - 4 %	4 - 8 %	8 - 10 %	10 - 35 %	> 35 %
% Quarters Infected	< 1 %	1 - 6 %	6 - 16 %	16 - 26 %	26 - 48 %	> 48 %

The average Somatic Cell Count (SCC) on 2026-04-07 for the herd, was 265 000. This figure places the herd in the "Yellow" SCC Zone and the milk quality Needs Improvement. Milk loss due to SCC is between 4 and 8 %.

Udder Health: Mastitis infections are evident and needs slight improvement. Check all management and control measures.

Table 8: Cows Under Pressure (SCC > 500k and Lactose % < 4.6)

Cow ID	Name	SCC	Lactose %	DIM	Parity	Production
1944	CILA 8	1510	4.49	201	5	9.8
2048	VIOLA 82	1350	3.35	352	3	4.4
2055	ROMA 89	1030	4.43	340	3	18
1813	ASH 3	930	3.53	416	5	15.4
1949	HYKA 17	860	4.44	195	4	20.8
2239	OBAN 193	650	4.48	110	2	13.8
1825	HYKA 10	610	4.43	297	6	16.4
1957	ROMA 11	570	4.19	445	4	14.4
2109	ROMA 99	560	4.14	405	3	7.2

Table 9: Cows with Somatic Cell Counts > 200k (Status: N=New -, C=Chronic -, R=Recurring - and CR=Chronic and Recurring Infections)

Cow ID	Name	SCC 2026-04-07	SCC 2026-01-14	SCC 2025-11-10	Production	DIM	Parity	Status
1410	HOLM 2	1700	1690	-	23.4	92	9	N
1944	CILA 8	1510	50	70	9.8	201	5	N
2048	VIOLA 82	1350	2670	330	4.4	352	3	CR
2055	ROMA 89	1030	40	180	18	340	3	R
1813	ASH 3	930	4440	470	15.4	416	5	CR
1949	HYKA 17	860	1120	20	20.8	195	4	N
2430	ROMA 316	780	-	-	10.2	29	1	N
2163	NESS 151	740	160	50	23.4	169	3	N
2239	OBAN 193	650	20	-	13.8	110	2	N
2028	OVI 62	650	-	-	26	21	4	N
1825	HYKA 10	610	670	580	16.4	297	6	C
1957	ROMA 11	570	280	520	14.4	445	4	C
2109	ROMA 99	560	210	1440	7.2	405	3	C
1651	PUTT 7	470	6390	950	9.4	498	6	CR
1510	ZEN 17	370	260	820	10.4	420	8	CR
1921	OVI 12	370	3960	400	19.4	183	3	C
2410	MAXY 297	360	1510	-	15.2	99	1	N
2352	LIVY 269	350	10	30	22.8	260	1	N
2433	SKY 319	340	-	-	19.6	45	1	N
2437	LIVY 323	300	-	-	16.6	24	1	N
1938	MIST 4	300	-	830	30.2	25	5	N
2256	PUTT 210	300	1020	2640	16.4	203	2	C
1919	HYKA 15	270	290	140	16.8	291	5	N
1628	LARIO 8	270	150	330	15.2	325	7	R
2124	GLOSS 112	260	70	180	21.6	321	3	R
2131	DASH 119	260	50	80	19.6	267	3	N
2356	LIVY 273	220	130	50	14.8	367	1	N

Table 10: Possible Ketosis Cases; Cows under 100 days in milk (Prot. Fat Ratio < 0.68 for Jerseys and < 0.74 for other Breeds)

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %	Breed
2018	SONY 52	18.8	19	4	0.62	JSE
2106	AMY 96	27.2	12	4	0.64	JSE
2402	ROMA 289	18.6	78	1	0.65	JSE

Table 11: Possible Acidosis Cases (Protein % > Butterfat %)

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
2333	SILO 250	13.2	484	1	1.22
1948	HULA 1	12.8	7	5	1.21
2139	SOON 127	15.6	201	3	1.18

Table 12: Dry Cows with a Dry Period more than 55 Days

Cow ID	Name	Breed	Last ICP	Avg. ICP	No. ICPs	Days Since Last Calf	Days Open
NEU 200027	PUTT 61	JSE	364	434	2	637	303

Table 13: Cows with an active Inter-Calving Period (ICP) > 400 days

Cow ID	Name	Breed	Last ICP	Avg. ICP	No. ICPs	Days Since Last Calf	Production
NEU 200017	XF 1 ROMA 51	JSE	-	-	-	755	-
NEU 160043	PUTT 4	JSE	579	677	3	753	-
NEU 220023	PUTT 177	JSE	-	-	-	740	32.4
NEU 190038	MIST 4	JSE	392	383	3	708	30.2
NEU 130024	ZEN 6	JSE	469	441	7	702	8.2
NEU 180047	VIOLA 4	JSE	786	680	2	693	-
NEU 200028	OVI 62	JSE	459	418	2	689	26
NEU 200027	PUTT 61	JSE	364	434	2	637	-
NEU 190042	ROMA 4	JSE	369	392	3	616	12
NEU 200042	PUTT 76	JSE	395	397	2	597	-
NEU 190048	HULA 1	JSE	386	384	3	594	12.8
NEU 230003	JOJO 220	JSE	-	-	-	522	21.4
NEU 200018	SONY 52	JSE	421	498	2	520	18.8
NEU 230026	SILO 243	JSE	-	-	-	508	-
NEU 160051	PUTT 7	JSE	423	443	5	503	9.4
1914	HYKA 14	JSE	550	550	1	499	-
NEU 220001	CHARM 155	JSE	439	439	1	497	18
NEU 230033	SILO 250	JSE	-	-	-	489	13.2
1536	CHILI CADDY 1	JSE	391	394	6	468	-
NEU 210053	NESS 141	JSE	575	575	1	457	-
NEU 190057	ROMA 11	JSE	405	422	3	450	14.4
1946	ROMA 6	JSE	566	442	3	450	27.6
2334	CORA 251	JSE	-	-	-	440	26
NEU 210012	GLOSS 102	JSE	317	366	2	431	26.8
NEU 150010	ZEN 17	JSE	378	460	6	425	10.4
NEU 180013	ASH 3	JSE	430	608	3	421	15.4
1741	PUTT 22	JSE	608	430	5	419	8.8
NEU 210007	HYKA 97	JSE	345	398	2	415	14.2
2109	ROMA 99	JSE	361	361	1	410	7.2
1961	ROMA 14	JSE	345	582	2	409	31
NEU 170008	NOOK 3	JSE	419	426	5	409	10