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STUD BOOK

Logix *Melk/Milk*

Kudde Gesondheids Verslag / Herd Health Report

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Test-day: 2026-06-22

Jersey Cows

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HERD HEALTH SUMMARY REPORT

REID - Jersey Cows

Table 1: Summary for Test-day 2026-06-22 (Number of Samples Tested: 69)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 20.0 Median: 19.4		
Butterfat (%)	Avg.: 5.58 Median: 5.64	3.5 % - 6.0 %	Too Low: 0 % Too High: 26 %
Protein (%)	Avg.: 4.22 Median: 4.32	3.0 % - 4.5 %	Too Low: 0 % Too High: 35 %
Lactose (%)	Avg.: 4.58 Median: 4.65	> 4.7 %	Too Low: 64 %
MUN (mg/dl)	Avg.: 21.29 Median: 22.00	8 - 16 mg/dl	Too Low: 0 % Too High: 96 %
SCC (x1000/ml)	Avg.: 330 Median: 110 % < 100 : 50.7 % % < 200 : 68.1 % % < 500 : 85.5 % % > 750 : 10.1 % % > 1 000 : 8.7 % % > 1 500 : 4.3 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 13.3 % Too High: 6.9 % Too High: 6.5 % Too High: 5.3 % Too High: 7.7 % Too High: 4.3 %
Butterfat Protein ratio	Average: 1.3	> 1.0	Too High: 0.0 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-06-22

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	82.8 (6.0 %)	1st Lact Cows:	110/95 (16)
DIM (kg per day):	473.8 (34.3 %)	2nd Lact Cows:	210/95 (14)
No. of Cows Under Pressure:	10 (14.5 %)	3rd Lact Cows:	419/120 (13)
No. Cows with SCC > 200k:	22 (31.9 %)	4th Lact Cows:	412/70 (13)
No. Cows with SCC > 750k:	7 (10.1 %)	5th Lact Cows:	146/175 (5)
No. New Infections:	11 (15.9 %)	6+ Lact Cows:	819/415 (8)
No. Recurring Infections:	6 (8.7 %)	Avg. SCC for SCC > 750k (n):	1914 (7)
Cure Rate for SCC > 200k:	37.0 % (10)	Avg. Days In Milk (DIM) for Herd:	271
Cure Rate for SCC > 750k:	42.9 % (3)	Median of DIM for Herd:	236
No. Chronic Infections (SCC > 200k):	5 (7.2 %)	Avg. DIM for SCC < 200k (n):	255 (47)
No. Chronic Infections (SCC > 750k):	1 (1.4 %)	Avg. DIM for SCC > 200k and < 750k (n):	268 (15)
No. of Possible Ketosis Cases:	3	Avg. DIM for SCC > 750k (n):	383 (7)
No. of Possible Acidosis Cases:	0	Avg. Parity for Herd:	3
Avg. Age at First Calf (Months):	24	Avg. Parity for SCC < 200k:	3
Avg. Inter-Calf Period (Days):	464	Avg. Parity for SCC > 200k and < 750k:	4
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	20.0	5.58	4.22	4.58	330	21.29
Top 25%	25.2	6.66	4.84	4.87	50	19.00
Breed Avg	20.9	5.51	4.27	4.58	346	11.77
Bottom 25%	15.9	5.03	4.03	4.49	690	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 69 Jersey Cows

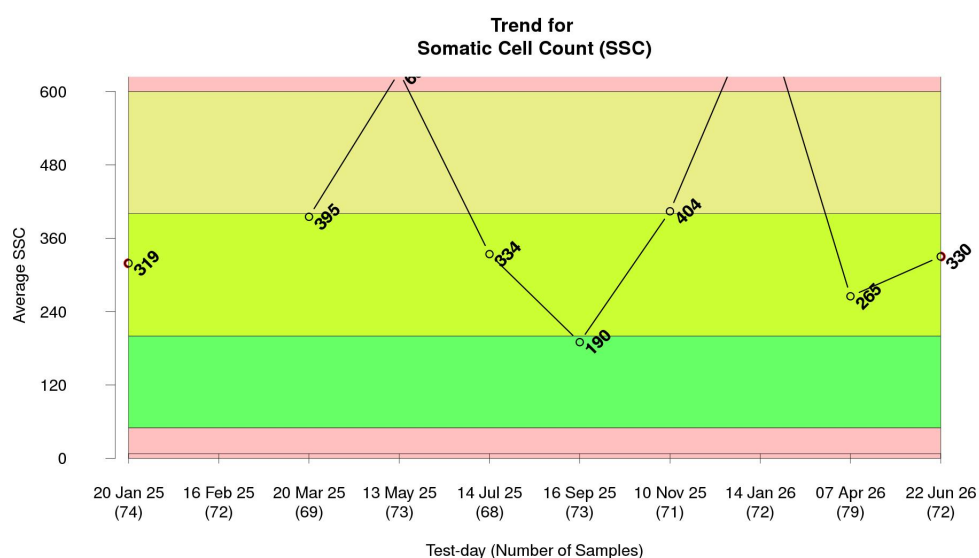
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	23.2% (16)	7.2% (5)	10.1% (7)	5.8% (4)	2.9% (2)	0.0% (0)
2	20.3% (14)	0.0% (0)	7.2% (5)	13.0% (9)	4.3% (3)	1.4% (1)
3	18.8% (13)	1.4% (1)	0.0% (0)	17.4% (12)	7.2% (5)	2.9% (2)
4	18.8% (13)	4.3% (3)	4.3% (3)	10.1% (7)	7.2% (5)	2.9% (2)
5	7.2% (5)	0.0% (0)	4.3% (3)	2.9% (2)	2.9% (2)	0.0% (0)
6+	11.6% (8)	0.0% (0)	4.3% (3)	7.2% (5)	7.2% (5)	2.9% (2)
Herd	99.9% (69)	12.9% (9)	30.2% (21)	56.4% (39)	31.7% (22)	10.1% (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 69 Jersey Cows

Lactation Group	Early Lactation		Mid Lactation		Late Lactation	
	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k
1	20.0% (1)	0.0% (0)	14.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)
2	0% (0)	0% (0)	20.0% (1)	0.0% (0)	22.2% (2)	11.1% (1)
3	0.0% (0)	0.0% (0)	0% (0)	0% (0)	41.7% (5)	16.7% (2)
4	0.0% (0)	0.0% (0)	33.3% (1)	0.0% (0)	57.1% (4)	28.6% (2)
5	0% (0)	0% (0)	66.7% (2)	0.0% (0)	0.0% (0)	0.0% (0)
6+	0% (0)	0% (0)	66.7% (2)	33.3% (1)	60.0% (3)	20.0% (1)

Table 6: Bulk Tank Results for 2026-06-22 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	5.45	4.14	4.62	284	21	

**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.

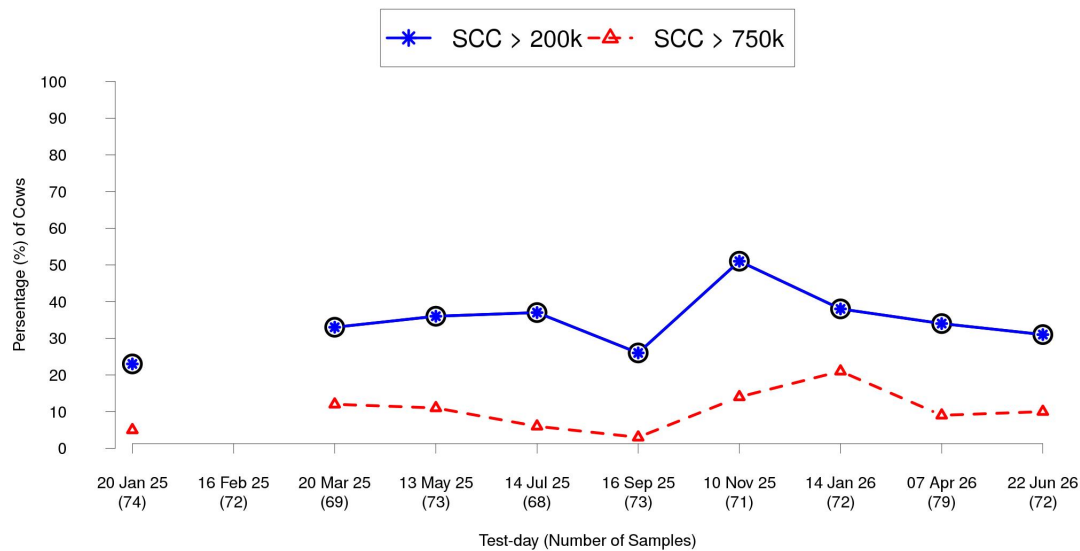


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

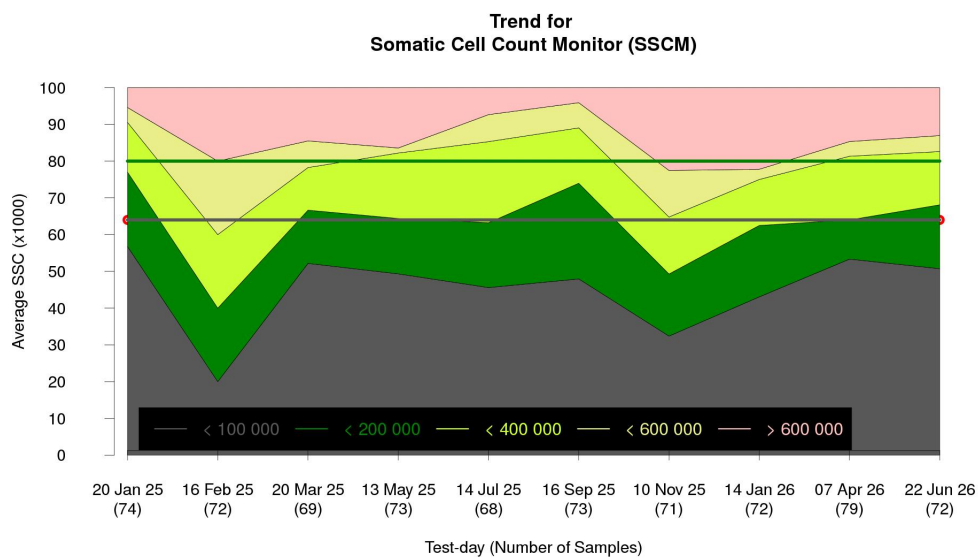


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

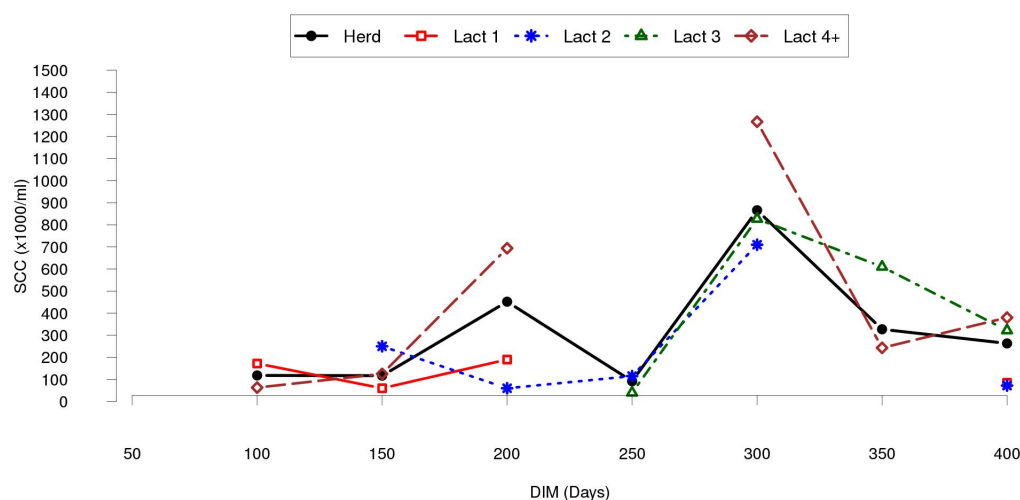


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

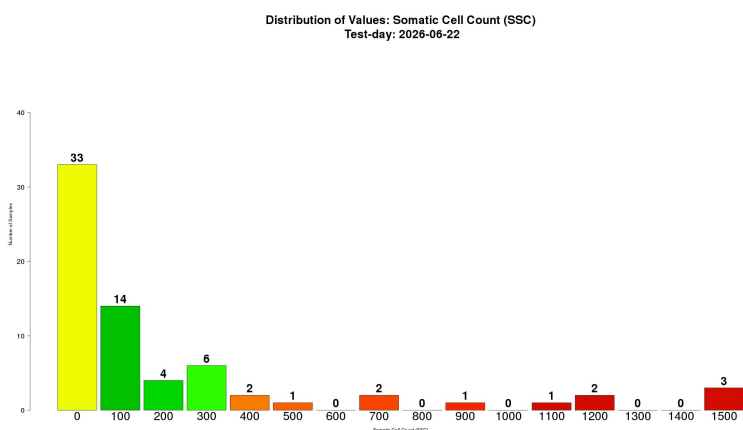


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-06-22)

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 2026-06-22

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	33	14	12	3	4	3
% Cows	47.8 %	20.3 %	17.4 %	4.3 %	5.8 %	4.3 %
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 2026-06-22 for the herd, was 330 000. 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
1808	CADDY 17	3830	4.32	195	6	19.2
1949	HYKA 17	2760	4.39	271	4	17.6
1951	ROMA 8	2300	3.00	271	3	6.6
2256	PUTT 210	1270	4.50	279	2	12.4
1914	HYKA 14	1200	4.49	570	4	19.2
2017	XF 1 ROMA 51	1120	4.49	826	3	21.8
1418	HEK 1	920	4.09	266	7	19.4
2131	DASH 119	740	4.41	343	3	18
1825	HYKA 10	700	4.13	373	6	15.2
1726	NOOK 4	570	3.55	325	6	15.8

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 2026-06-22	SCC 2026-04-07	SCC 2026-01-14	Production	DIM	Parity	Status
1808	CADDY 17	3830	50	130	19.2	195	6	N
1949	HYKA 17	2760	860	1120	17.6	271	4	C
1951	ROMA 8	2300	30	460	6.6	271	3	R
2256	PUTT 210	1270	300	1020	12.4	279	2	C
1914	HYKA 14	1200	-	310	19.2	570	4	N
2017	XF 1 ROMA 51	1120	-	310	21.8	826	3	R
1418	HEK 1	920	70	9999	19.4	266	7	R
2131	DASH 119	740	260	50	18	343	3	N
1825	HYKA 10	700	610	670	15.2	373	6	C
1726	NOOK 4	570	70	140	15.8	325	6	R
2129	GLOSS 117	480	20	50	7.4	308	3	N
2223	PUTT 177	450	160	-	31	147	2	N
2056	AMY 90	390	40	2730	19.4	191	4	R
2437	LIVY 323	380	300	-	20.4	100	1	N
1957	ROMA 11	340	570	280	12	521	4	C
2051	PUTT 85	330	130	140	15.6	418	3	N
2263	JOJO 217	320	30	70	6.2	338	2	N
2010	NOOK 44	300	90	120	22.2	351	4	N
2410	MAXY 297	280	360	1510	14	175	1	C
1754	HUSK 6	260	170	3230	21	171	6	R
1942	ROMA 4	240	30	-	24.4	156	5	N
1938	MIST 4	230	300	-	30.2	101	5	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
2444	ABBA 330	16	43	1	0.53	JSE
2431	ZEN 317	17.4	96	1	0.63	JSE
2434	SKY 320	19.4	86	1	0.67	JSE

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

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
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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	714	380
NEU 160043	PUTT 4	JSE	579	677	3	830	199

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	-	-	-	832	21.8
NEU 160043	PUTT 4	JSE	579	677	3	830	-
NEU 130024	ZEN 6	JSE	469	441	7	779	-
NEU 180047	VIOLA 4	JSE	786	680	2	770	32
NEU 200027	PUTT 61	JSE	364	434	2	714	-
2042	PUTT 76	JSE	395	397	2	674	32
NEU 230026	SILO 243	JSE	-	-	-	585	21
NEU 160051	PUTT 7	JSE	423	443	5	580	-
NEU 190014	HYKA 14	JSE	550	550	1	576	19.2
2333	SILO 250	JSE	-	-	-	566	-
NEU 150036	CHILI CADDY 1	JSE	391	394	6	545	30.4
2153	NESS 141	JSE	575	575	1	534	29
NEU 190057	ROMA 11	JSE	405	422	3	527	12
NEU 150010	ZEN 17	JSE	378	460	6	502	-
1813	ASH 3	JSE	430	608	3	498	-
1741	PUTT 22	JSE	608	430	5	496	-
NEU 210007	HYKA 97	JSE	345	398	2	492	-
NEU 210009	ROMA 99	JSE	361	361	1	487	-
1708	NOOK 3	JSE	419	426	5	486	-
2214	OBAN 168	JSE	383	383	1	471	23.6
NEU 220022	PUTT 176	JSE	339	339	1	468	-
NEU 190025	OVI 16	JSE	434	492	3	466	26.6
2211	PUTT 165	JSE	443	443	1	452	30.4
2134	GLOSS 122	JSE	386	376	2	449	29
2356	LIVY 273	JSE	-	-	-	449	-
NEU 230057	OLGA 274	JSE	-	-	-	445	17.8
NEU 200048	VIOLA 82	JSE	450	493	2	434	-
NEU 200051	PUTT 85	JSE	464	413	2	424	15.6
NEU 200055	ROMA 89	JSE	449	495	2	422	-
2359	LUPIN 276	JSE	-	-	-	420	11
2124	GLOSS 112	JSE	437	472	2	402	18