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SA STAMBOEK
STUD BOOK

Logix Melk/Milk

Kudde Gesondheids Verslag / Herd Health Report

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Test-day: 2026-08-26

Jersey Cows

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HERD HEALTH SUMMARY REPORT

REID - Jersey Cows

Table 1: Summary for Test-day 2026-08-26 (Number of Samples Tested: 76)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 21.1 Median: 20.8		
Butterfat (%)	Avg.: 5.52 Median: 5.56	3.5 % - 6.0 %	Too Low: 0 % Too High: 21 %
Protein (%)	Avg.: 4.03 Median: 4.07	3.0 % - 4.5 %	Too Low: 1 % Too High: 20 %
Lactose (%)	Avg.: 4.56 Median: 4.64	> 4.7 %	Too Low: 72 %
MUN (mg/dl)	Avg.: 19.01 Median: 19.00	8 - 16 mg/dl	Too Low: 0 % Too High: 88 %
SCC (x1000/ml)	Avg.: 278 Median: 90 % < 100 : 53.9 % % < 200 : 72.4 % % < 500 : 86.8 % % > 750 : 9.2 % % > 1 000 : 6.6 % % > 1 500 : 3.9 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 10.1 % Too High: 2.6 % Too High: 5.2 % Too High: 4.4 % Too High: 5.6 % Too High: 3.9 %
Butterfat Protein ratio	Average: 1.4	> 1.0	Too High: 0.0 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-08-26

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	85.5 (5.3 %)	1st Lact Cows:	93/70 (14)
DIM (kg per day):	256.6 (16.0 %)	2nd Lact Cows:	271/80 (10)
		3rd Lact Cows:	160/70 (14)
No. of Cows Under Pressure:	10 (13.2 %)	4th Lact Cows:	294/100 (14)
No. Cows with SCC > 200k:	21 (27.6 %)	5th Lact Cows:	229/140 (9)
No. Cows with SCC > 750k:	7 (9.2 %)	6+ Lact Cows:	583/220 (15)
No. New Infections:	10 (13.2 %)		
No. Recurring Infections:	6 (7.9 %)	Avg. SCC for SCC > 750k (n):	1623 (7)
Cure Rate for SCC > 200k:	27.3 % (6)		
Cure Rate for SCC > 750k:	71.4 % (5)	Avg. Days In Milk (DIM) for Herd:	216
No. Chronic Infections (SCC > 200k):	5 (6.6 %)	Median of DIM for Herd:	205
No. Chronic Infections (SCC > 750k):	0 (0.0 %)		
		Avg. DIM for SCC < 200k (n):	200 (55)
No. of Possible Ketosis Cases:	9	Avg. DIM for SCC > 200k and < 750k (n):	291 (14)
No. of Possible Acidosis Cases:	0	Avg. DIM for SCC > 750k (n):	196 (7)
Avg. Age at First Calf (Months):	24	Avg. Parity for Herd:	4
Avg. Inter-Calf Period (Days):	485	Avg. Parity for SCC < 200k:	3
No. Flushings:	NA	Avg. Parity for SCC > 200k and < 750k:	4
No. Embrios:	NA	Avg. Parity for SCC > 750k:	5

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	21.1	5.52	4.03	4.56	278	19.01
Top 25%	26.5	6.05	4.33	4.79	40	17.00
Breed Avg	22.1	5.43	4.03	4.62	323	13.30
Bottom 25%	17.1	4.84	3.72	4.50	240	10.00

*** 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 76 Jersey Cows

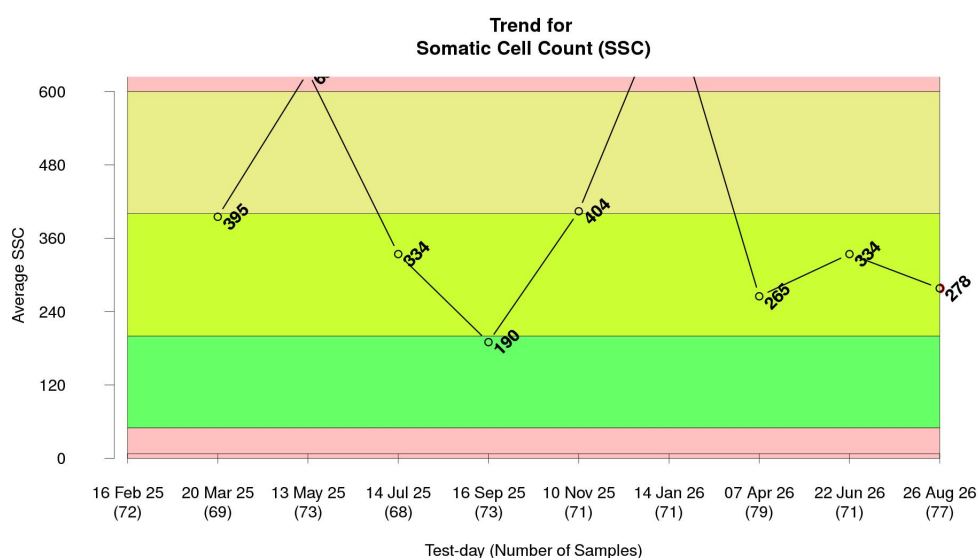
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	18.4% (14)	1.3% (1)	9.2% (7)	7.9% (6)	1.3% (1)	0.0% (0)
2	13.2% (10)	1.3% (1)	0.0% (0)	11.8% (9)	3.9% (3)	1.3% (1)
3	18.4% (14)	2.6% (2)	5.3% (4)	10.5% (8)	2.6% (2)	1.3% (1)
4	18.4% (14)	2.6% (2)	9.2% (7)	6.6% (5)	5.3% (4)	2.6% (2)
5	11.8% (9)	1.3% (1)	5.3% (4)	5.3% (4)	3.9% (3)	0.0% (0)
6+	19.7% (15)	9.2% (7)	1.3% (1)	9.2% (7)	10.5% (8)	3.9% (3)
Herd	99.9% (76)	18.3% (14)	30.3% (23)	51.3% (39)	27.5% (21)	9.1% (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 76 Jersey Cows

Lactation Group	Early Lactation		Mid Lactation		Late Lactation	
	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k
1	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	16.7% (1)	0.0% (0)
2	0.0% (0)	0.0% (0)	0% (0)	0% (0)	33.3% (3)	11.1% (1)
3	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	25.0% (2)	12.5% (1)
4	0.0% (0)	0.0% (0)	28.6% (2)	14.3% (1)	40.0% (2)	20.0% (1)
5	0.0% (0)	0.0% (0)	50.0% (2)	0.0% (0)	25.0% (1)	0.0% (0)
6+	42.9% (3)	28.6% (2)	0.0% (0)	0.0% (0)	71.4% (5)	14.3% (1)

Table 6: Bulk Tank Results for 2026-08-26 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	5.45	3.97	4.59	263	19	

**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.

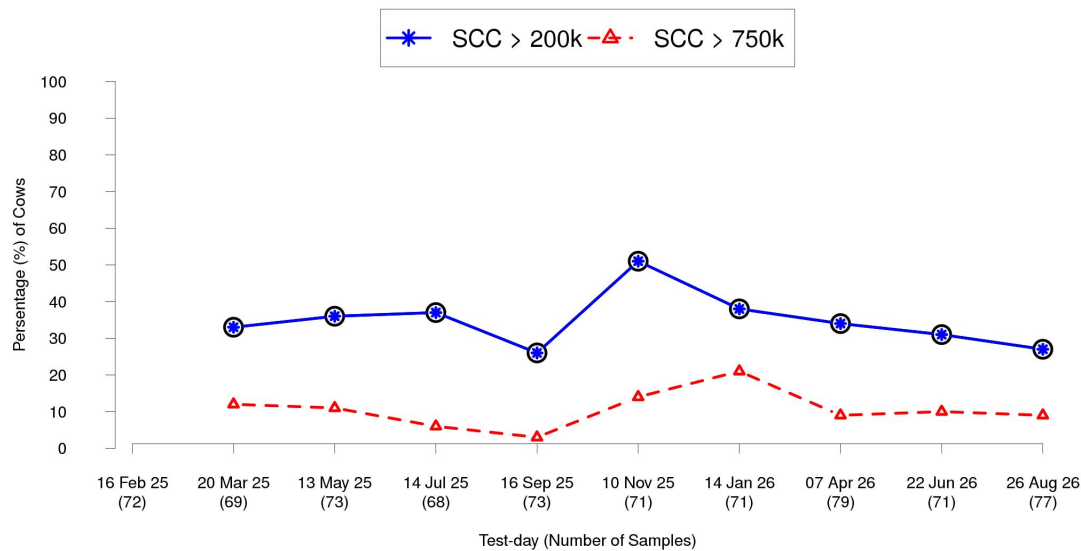


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

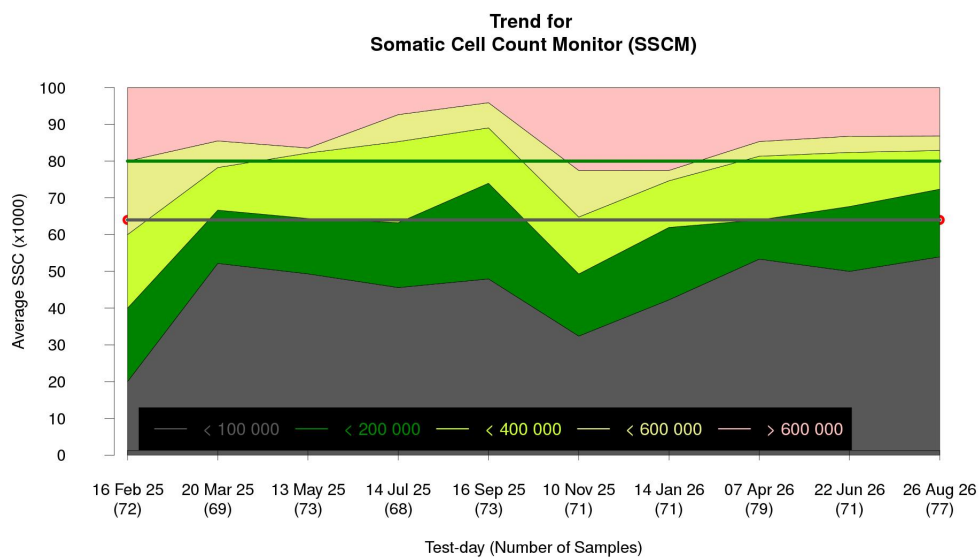


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

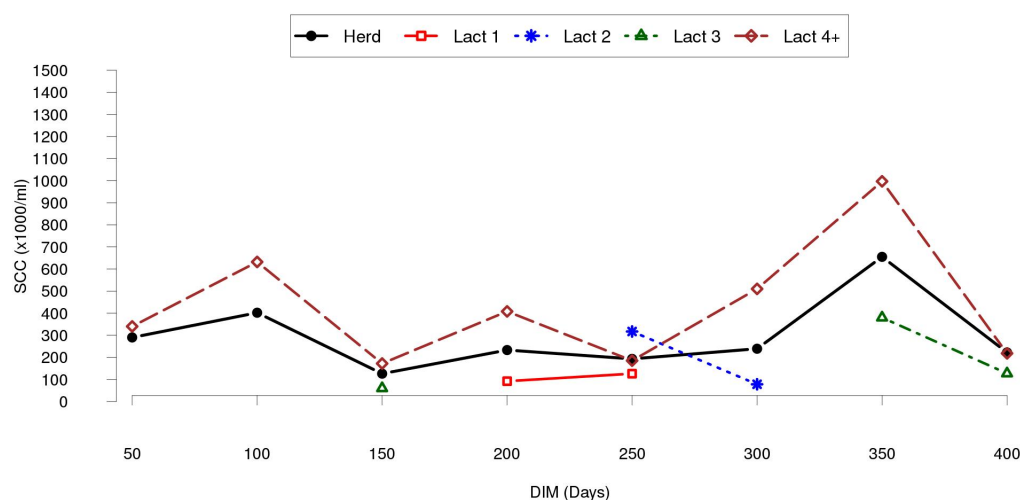


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

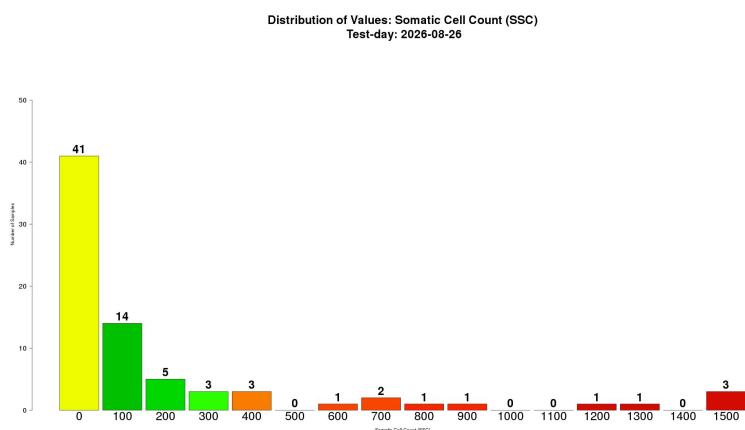


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-08-26)

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 2026-08-26

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	41	14	11	3	4	3
% Cows	53.9 %	18.4 %	14.5 %	3.9 %	5.3 %	3.9 %
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 2026-08-26 for the herd, was 278 000. 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
1418	HEK 1	2810	3.75	331	7	17.8
1510	ZEN 17	2490	4.57	64	10	22.6
2028	OVI 62	1570	4.49	162	4	21
1741	PUTT 22	1390	4.58	12	7	20.6
1951	ROMA 8	1280	4.14	336	3	18
2056	AMY 90	950	4.42	256	4	20.2
2223	PUTT 177	870	4.51	212	2	27.2
2256	PUTT 210	730	4.52	344	2	8.2
2263	JOJO 217	700	3.76	403	2	4.8
1914	HYKA 14	680	4.53	147	5	20

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 2026-08-26	SCC 2026-06-22	SCC 2026-04-07	Production	DIM	Parity	Status
1418	HEK 1	2810	920	70	17.8	331	7	R
1510	ZEN 17	2490	-	370	22.6	64	10	N
2028	OVI 62	1570	80	650	21	162	4	R
1741	PUTT 22	1390	-	-	20.6	12	7	N
1951	ROMA 8	1280	2300	30	18	336	3	R
2056	AMY 90	950	390	40	20.2	256	4	R
2223	PUTT 177	870	450	160	27.2	212	2	N
2256	PUTT 210	730	1270	300	8.2	344	2	C
2263	JOJO 217	700	320	30	4.8	403	2	N
1914	HYKA 14	680	1200	-	20	147	5	N
1957	ROMA 11	490	340	570	8	586	4	C
1942	ROMA 4	460	240	30	27	221	5	N
1919	HYKA 15	430	-	270	32.6	63	6	N
2106	AMY 96	360	50	40	30.2	153	4	N
1938	MIST 4	340	230	300	26	166	5	C
1704	LUPIN 6	310	150	30	21.4	278	7	R
1808	CADDY 17	270	3830	50	15.6	260	6	N
2406	AMY 293	240	110	70	17.4	212	1	N
1825	HYKA 10	230	700	610	11.8	438	6	C
1726	NOOK 4	220	570	70	22.6	390	6	R
2131	DASH 119	220	740	260	16.6	408	3	C

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
2055	ROMA 89	18.8	16	4	0.49	JSE
2222	PUTT 176	24.6	42	3	0.54	JSE
2017	XF 1 ROMA 51	30	91	5	0.58	JSE
1324	ZEN 6	16	28	10	0.59	JSE
2240	OBAN 194	28.4	96	3	0.59	JSE
2107	HYKA 97	28.2	55	4	0.62	JSE
1741	PUTT 22	20.6	12	7	0.64	JSE
1708	NOOK 3	13.1	45	8	0.65	JSE
1651	PUTT 7	26.4	40	8	0.65	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 160043	PUTT 4	JSE	579	677	3	893	261

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 160043	PUTT 4	JSE	579	677	3	893	-
NEU 130024	ZEN 6	JSE	469	441	7	842	16
NEU 190014	HYKA 14	JSE	550	550	1	639	20
1957	ROMA 11	JSE	405	422	3	590	8
NEU 180013	ASH 3	JSE	430	608	3	561	-
NEU 170041	PUTT 22	JSE	608	430	5	559	20.6
NEU 210009	ROMA 99	JSE	361	361	1	550	-
NEU 230056	LIVY 273	JSE	-	-	-	512	-
2048	VIOLA 82	JSE	450	493	2	497	-
NEU 200051	PUTT 85	JSE	464	413	2	487	-
NEU 200055	ROMA 89	JSE	449	495	2	485	18.8
2359	LUPIN 276	JSE	-	-	-	483	-
NEU 210024	GLOSS 112	JSE	437	472	2	465	19.4
NEU 210030	VINKA 118	JSE	370	407	2	462	21.8
2240	OBAN 194	JSE	354	354	1	459	28.4
NEU 180025	HYKA 10	JSE	368	363	5	442	11.8
NEU 200010	NOOK 44	JSE	383	608	2	420	19.2
2131	DASH 119	JSE	288	251	2	412	16.6
1932	OVI 22	JSE	399	392	3	411	21.4
NEU 220063	JOJO 217	JSE	333	333	1	407	4.8
NEU 230052	LIVY 269	JSE	-	-	-	405	20
NEU 180011	PUTT 29	JSE	506	483	4	403	19.4