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Kudde Gesondheids Verslag / Herd Health Report

VERLORENKLOOF DEVELOPMENT

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Test-day: 2026-07-20

Friesland Cows

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HERD HEALTH SUMMARY REPORT

VERLORENKLOOF DEVELOPMENT - Friesland Cows

Table 1: Summary for Test-day 2026-07-20 (Number of Samples Tested: 57)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 12.1 Median: 11.0		
Butterfat (%)	Avg.: 4.84 Median: 4.71	3.5 % - 6.0 %	Too Low: 0 % Too High: 5 %
Protein (%)	Avg.: 3.56 Median: 3.41	3.0 % - 4.5 %	Too Low: 14 % Too High: 5 %
Lactose (%)	Avg.: 4.46 Median: 4.52	> 4.7 %	Too Low: 95 %
MUN (mg/dl)	Avg.: 13.14 Median: 13.00	8 - 16 mg/dl	Too Low: 2 % Too High: 7 %
SCC (x1000/ml)	Avg.: 442 Median: 170 % < 100 : 26.3 % % < 200 : 64.9 % % < 500 : 91.2 % % > 750 : 7.0 % % > 1 000 : 5.3 % % > 1 500 : 3.5 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 37.7 % Too High: 10.1 % Too High: 0.8 % Too High: 2.2 % Too High: 4.3 % Too High: 3.5 %
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 2026-07-20

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	50.6 (7.3 %)	1st Lact Cows:	189/110 (11)
DIM (kg per day):	64.4 (9.3 %)	2nd Lact Cows:	215/130 (13)
No. of Cows Under Pressure:	6 (10.5 %)	3rd Lact Cows:	140/160 (15)
No. Cows with SCC > 200k:	20 (35.1 %)	4th Lact Cows:	224/235 (10)
No. Cows with SCC > 750k:	4 (7.0 %)	5th Lact Cows:	185/185 (2)
No. New Infections:	7 (12.3 %)	6+ Lact Cows:	2602/955 (6)
No. Recurring Infections:	10 (17.5 %)	Avg. SCC for SCC > 750k (n):	3958 (4)
Cure Rate for SCC > 200k:	38.5 % (5)	Avg. Days In Milk (DIM) for Herd:	196
Cure Rate for SCC > 750k:	0.0 % (0)	Median of DIM for Herd:	179
No. Chronic Infections (SCC > 200k):	4 (7.0 %)	Avg. DIM for SCC < 200k (n):	168 (37)
No. Chronic Infections (SCC > 750k):	3 (5.3 %)	Avg. DIM for SCC > 200k and < 750k (n):	254 (16)
No. of Possible Ketosis Cases:	10	Avg. DIM for SCC > 750k (n):	222 (4)
No. of Possible Acidosis Cases:	0	Avg. Parity for Herd:	3
Avg. Age at First Calf (Months):	33	Avg. Parity for SCC < 200k:	3
Avg. Inter-Calf Period (Days):	528	Avg. Parity for SCC > 200k and < 750k:	3
No. Flushings:	NA	Avg. Parity for SCC > 750k:	5
No. Embrios:	NA		

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

	Milk Production (kg)	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)
Herd	12.1	4.84	3.56	4.46	442	13.14
Top 25%	46.2	4.70	3.62	5.03	30	15.00
Breed Avg	39.3	4.25	3.39	4.85	431	7.85
Bottom 25%	33.6	3.72	3.12	4.74	250	0.10

*** 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 57 Friesland Cows

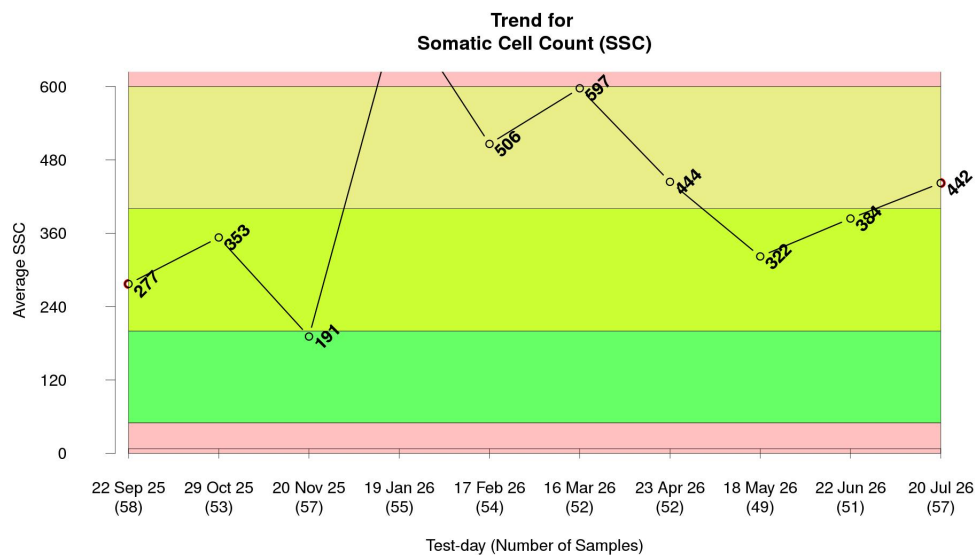
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	19.3% (11)	3.5% (2)	3.5% (2)	12.3% (7)	5.3% (3)	0.0% ()
2	22.8% (13)	5.3% (3)	5.3% (3)	12.3% (7)	8.8% (5)	1.8% (1)
3	26.3% (15)	8.8% (5)	14.0% (8)	3.5% (2)	0.0% ()	0.0% ()
4	17.5% (10)	3.5% (2)	8.8% (5)	5.3% (3)	10.5% (6)	0.0% ()
5	3.5% (2)	0.0% (0)	1.8% (1)	1.8% (1)	1.8% (1)	0.0% ()
6+	10.5% (6)	3.5% (2)	0.0% (0)	7.0% (4)	8.8% (5)	5.3% (3)
Herd	99.9% (57)	24.6% (14)	33.4% (19)	42.2% (24)	35.2% (20)	7.1% (4)

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 57 Friesland Cows

Lactation Group	Early Lactation		Mid Lactation		Late Lactation	
	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k
1	50.0% (1)	0.0% ()	0.0% ()	0.0% ()	28.6% (2)	0.0% ()
2	0.0% ()	0.0% ()	33.3% (1)	0.0% ()	57.1% (4)	14.3% (1)
3	0.0% ()	0.0% ()	0.0% ()	0.0% ()	0.0% ()	0.0% ()
4	50.0% (1)	0.0% ()	60.0% (3)	0.0% ()	66.7% (2)	0.0% ()
5	0% ()	0% ()	0.0% ()	0.0% ()	100.0% (1)	0.0% ()
6+	50.0% (1)	0.0% ()	0% ()	0% ()	100.0% (4)	75.0% (3)

Table 6: Bulk Tank Results for 2026-07-20 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	4.76	3.47	4.47	358	13	

**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.

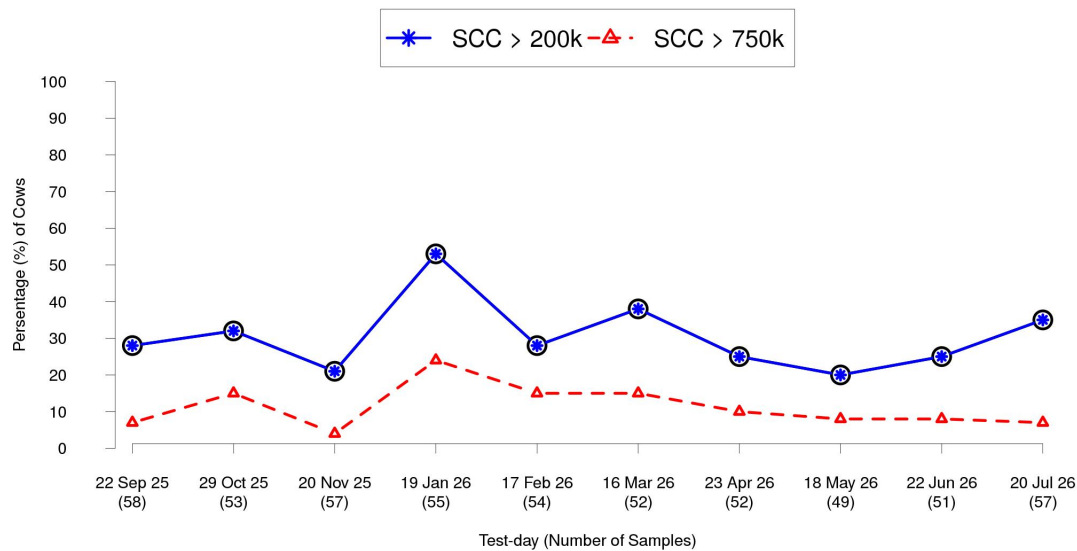


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

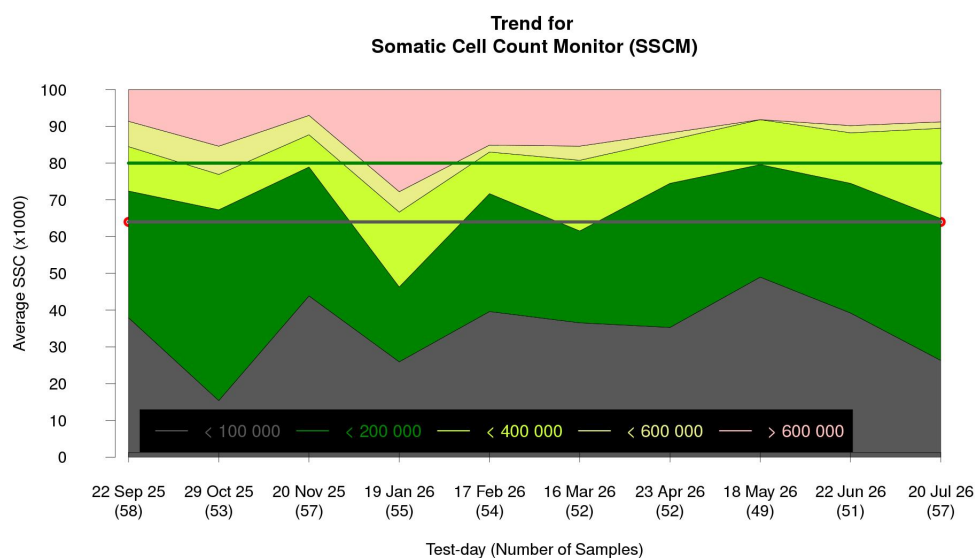


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

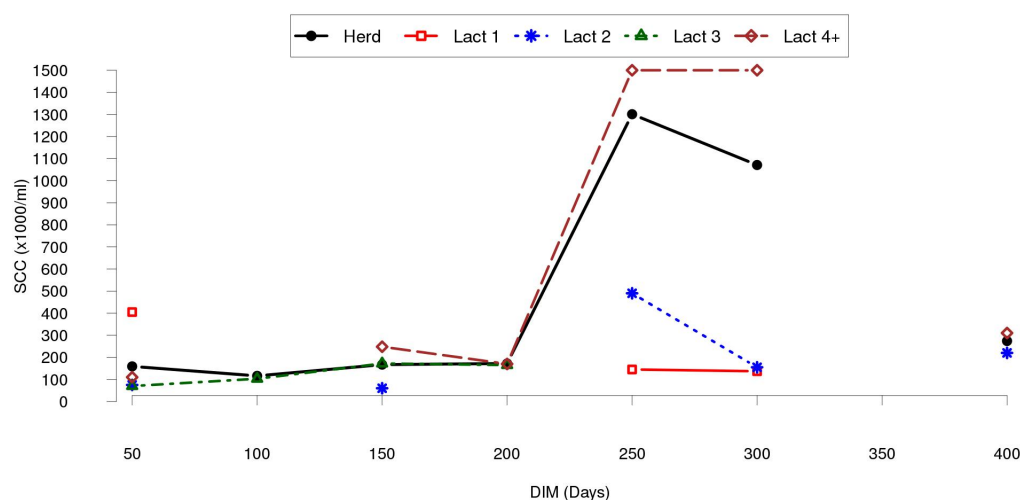


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

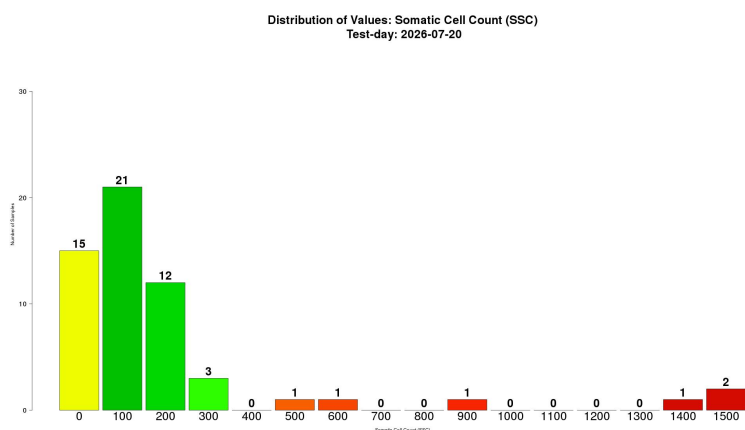


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-07-20)

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 2026-07-20

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	15	21	15	2	2	2
% Cows	26.3 %	36.8 %	26.3 %	3.5 %	3.5 %	3.5 %
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 2026-07-20 for the herd, was 442 000. 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
201619	201619	7500	3.93	277	6	8.4
201626	201626	5940	4.04	202	6	8
201710	201710	1410	4.39	203	6	10
202222	202222	980	4.33	207	2	7.4
202330	202330	690	4.57	19	1	19.2
201719	201719	500	4.03	365	6	11.6

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 2026-07-20	SCC 2026-06-22	SCC 2026-05-18	Production	DIM	Parity	Status
201619	201619	7500	6410	4530	8.4	277	6	C
201626	201626	5940	2660	3410	8	202	6	C
201710	201710	1410	1710	1580	10	203	6	C
202222	202222	980	210	190	7.4	207	2	R
202330	202330	690	-	-	19.2	19	1	N
201719	201719	500	290	190	11.6	365	6	R
201827	201827	380	650	130	15.8	102	4	R
202224	202224	360	70	100	10.2	231	2	N
202220	202220	330	70	80	5.4	605	1	R
201804	201804	290	190	120	10	398	5	R
201921	201921	290	150	140	18	120	4	N
201811	201811	280	170	100	9.6	602	4	R
202121	202121	270	110	80	7.2	440	2	R
202302	202302	270	130	100	11.2	194	2	R
202244	202244	260	120	240	10	251	1	R
202230	202230	260	90	90	14.2	256	2	N
201928	201928	240	130	-	16.8	59	4	N
201829	201829	240	230	210	10	148	4	CR
201802	201802	230	70	60	6.6	262	4	N
201631	201631	220	-	-	16	8	6	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
202205	202205	17.8	24	2	0.61	FLD
201815	201815	16	24	6	0.61	FLD
202406	202406	20.4	19	1	0.63	FLD
202018	202018	9	98	3	0.64	FLD
201631	201631	16	8	6	0.64	FLD
202217	202217	16.8	54	2	0.70	FLD
202113	202113	15.4	9	3	0.71	FLD
201944	201944	15	43	4	0.72	FLD
201929	201929	13.6	79	3	0.73	FLD
202214	202214	27	27	2	0.74	FLD

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
202112	202112	FLD	611	611	1	389	212
VKL 170032	201732	FLD	411	440	4	536	212
VKL 210015	202115	FLD	451	451	1	536	212
VKL 190006	201906	FLD	515	515	1	774	212

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
201723	201723	FLD	360	432	3	838	-
VKL 190006	201906	FLD	515	515	1	774	-
VKL 170005	201705	FLD	585	783	2	763	-
VKL 190029	201929	FLD	669	669	1	752	13.6
201932	201932	FLD	672	672	1	751	19.2
VKL 180007	201807	FLD	549	698	2	711	-
VKL 180021	201821	FLD	576	594	2	701	-
202214	202214	FLD	-	-	-	691	27
VKL 220017	202217	FLD	-	-	-	687	16.8
201631	201631	FLD	524	507	4	686	16
202205	202205	FLD	-	-	-	668	17.8
VKL 180009	201809	FLD	504	622	2	652	-
VKL 190028	201928	FLD	655	655	1	652	16.8
VKL 220020	202220	FLD	-	-	-	604	5.4
VKL 180011	201811	FLD	376	541	3	601	9.6
VKL 200028	202028	FLD	372	372	1	579	-
202227	202227	FLD	-	-	-	578	-
VKL 210015	202115	FLD	451	451	1	536	-
VKL 170032	201732	FLD	411	440	4	536	-
201908	201908	FLD	455	624	2	530	6
VKL 190002	201902	FLD	503	522	2	528	-
VKL 210001	202101	FLD	388	388	1	524	-
201820	201820	FLD	483	483	1	523	-
VKL 180013	201813	FLD	477	523	3	503	-
202113	202113	FLD	468	468	1	475	15.4
VKL 180025	201825	FLD	420	488	3	445	12.2
201944	201944	FLD	565	590	2	439	15
VKL 210021	202121	FLD	480	480	1	439	7.2
VKL 190009	201909	FLD	551	444	3	434	-
VKL 210033	202133	FLD	392	392	1	433	7.6
201815	201815	FLD	482	430	3	421	16