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Logix Melk/Milk

Kudde Gesondheids Verslag / Herd Health Report

VOORBERG GEVANGENIS

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Test-day: 2026-01-19

Holstein Cows

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HERD HEALTH SUMMARY REPORT

VOORBERG GEVANGENIS - Holstein Cows

Table 1: Summary for Test-day 2026-01-19 (Number of Samples Tested: 59)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 18.8 Median: 19.0		
Butterfat (%)	Avg.: 3.97 Median: 3.92	3.5 % - 6.0 %	Too Low: 17 % Too High: 0 %
Protein (%)	Avg.: 3.64 Median: 3.57	3.0 % - 4.5 %	Too Low: 7 % Too High: 3 %
Lactose (%)	Avg.: 4.55 Median: 4.59	> 4.7 %	Too Low: 73 %
MUN (mg/dl)	Avg.: 22.38 Median: 22.90	8 - 16 mg/dl	Too Low: 0 % Too High: 95 %
SCC (x1000/ml)	Avg.: 244 Median: 69 % < 100 : 62.7 % % < 200 : 74.6 % % < 500 : 89.8 % % > 750 : 5.1 % % > 1 000 : 3.4 % % > 1 500 : 1.7 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 1.3 % Too High: 0.4 % Too High: 2.2 % Too High: 0.3 % Too High: 2.4 % Too High: 1.7 %
Butterfat Protein ratio	Average: 1.1	> 1.0	Too High: 22.0 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-01-19

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	51.7 (4.7 %)	1st Lact Cows:	88/45 (21)
DIM (kg per day):	935.4 (84.3 %)	2nd Lact Cows:	156/55 (9)
No. of Cows Under Pressure:	2 (3.4 %)	3rd Lact Cows:	324/144 (16)
No. Cows with SCC > 200k:	15 (25.4 %)	4th Lact Cows:	826/123 (6)
No. Cows with SCC > 750k:	3 (5.1 %)	5th Lact Cows:	184/169 (5)
No. New Infections:	6 (10.2 %)	6+ Lact Cows:	42/42 (2)
No. Recurring Infections:	7 (11.9 %)	Avg. SCC for SCC > 750k (n):	2297 (3)
Cure Rate for SCC > 200k:	40.0 % (6)	Avg. Days In Milk (DIM) for Herd:	421
Cure Rate for SCC > 750k:	60.0 % (3)	Median of DIM for Herd:	355
No. Chronic Infections (SCC > 200k):	2 (3.4 %)	Avg. DIM for SCC < 200k (n):	417 (44)
No. Chronic Infections (SCC > 750k):	0 (0.0 %)	Avg. DIM for SCC > 200k and < 750k (n):	411 (12)
No. of Possible Ketosis Cases:	1	Avg. DIM for SCC > 750k (n):	612 (3)
No. of Possible Acidosis Cases:	13	Avg. Parity for Herd:	2
Avg. Age at First Calf (Months):	28	Avg. Parity for SCC < 200k:	2
Avg. Inter-Calf Period (Days):	538	Avg. Parity for SCC > 200k and < 750k:	3
No. Flushings:	NA	Avg. Parity for SCC > 750k:	3
No. Embrios:	NA		

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

	Milk Production (kg)	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)
Herd	18.8	3.97	3.64	4.55	244	22.38
Top 25%	36.7	4.64	3.79	4.78	46	16.80
Breed Avg	30.5	4.19	3.57	4.65	398	14.34
Bottom 25%	24.4	3.67	3.31	4.56	282	11.60

*** 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 59 Holstein Cows

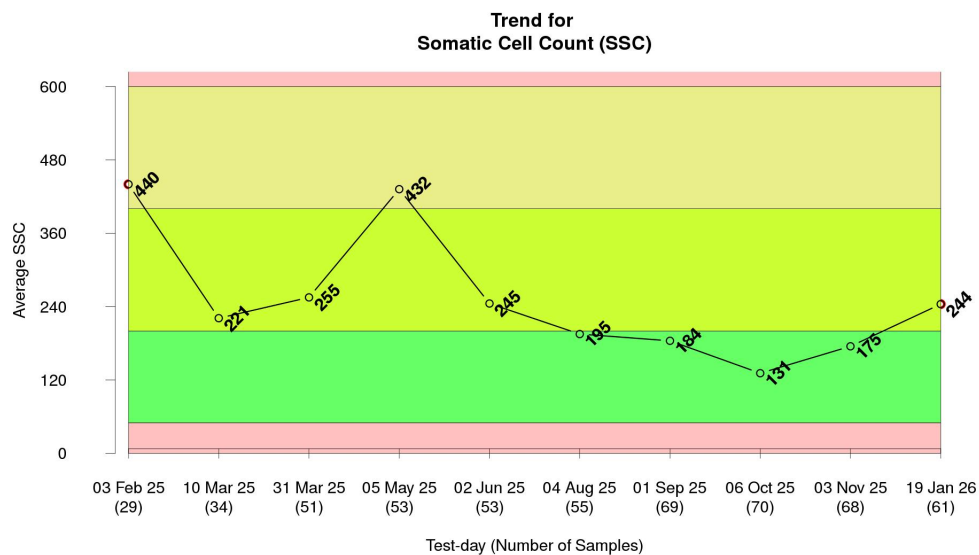
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	35.6% (21)	0.0% (0)	1.7% (1)	33.9% (20)	3.4% (2)	0.0% (0)
2	15.3% (9)	0.0% (0)	1.7% (1)	13.6% (8)	5.1% (3)	0.0% (0)
3	27.1% (16)	1.7% (1)	0.0% (0)	25.4% (15)	11.9% (7)	3.4% (2)
4	10.2% (6)	0.0% (0)	0.0% (0)	10.2% (6)	1.7% (1)	1.7% (1)
5	8.5% (5)	0.0% (0)	0.0% (0)	8.5% (5)	3.4% (2)	0.0% (0)
6+	3.4% (2)	0.0% (0)	0.0% (0)	3.4% (2)	0.0% (0)	0.0% (0)
Herd	100.1% (59)	1.7% (1)	3.4% (2)	95% (56)	25.5% (15)	5.1% (3)

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 59 Holstein 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)	10.0% (2)	0.0% (0)
2	0% (0)	0% (0)	0.0% (0)	0.0% (0)	37.5% (3)	0.0% (0)
3	100.0% (1)	0.0% (0)	0% (0)	0% (0)	40.0% (6)	13.3% (2)
4	0% (0)	0% (0)	0% (0)	0% (0)	16.7% (1)	16.7% (1)
5	0% (0)	0% (0)	0% (0)	0% (0)	40.0% (2)	0.0% (0)
6+	0% (0)	0% (0)	0% (0)	0% (0)	0.0% (0)	0.0% (0)

Table 6: Bulk Tank Results for 2026-01-19 (Number of Samples Tested: 1)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	3.94	3.56	4.56	275	22	
68 Tank	3.23	3.36	4.42	79	18.4	

**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.

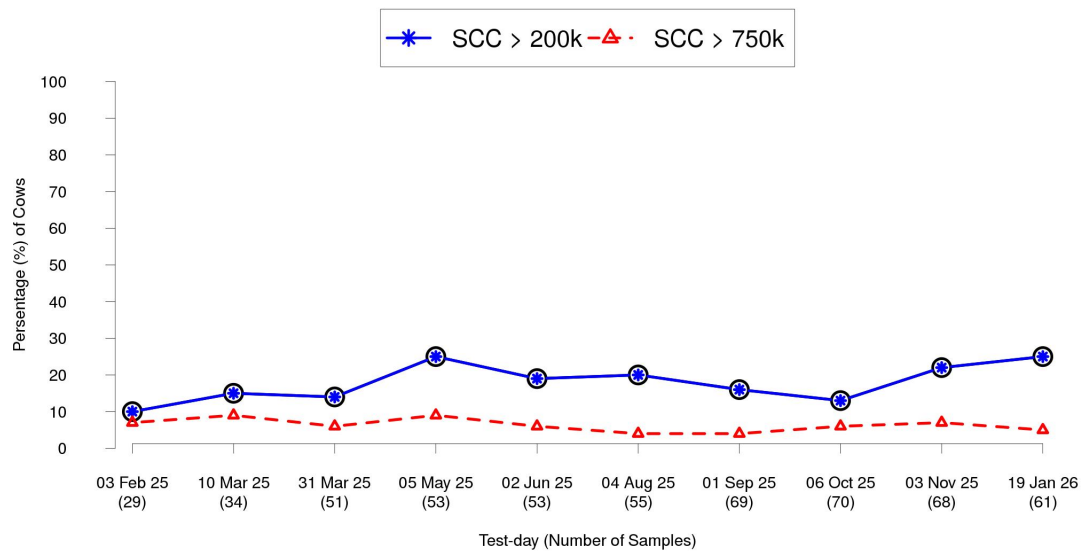


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

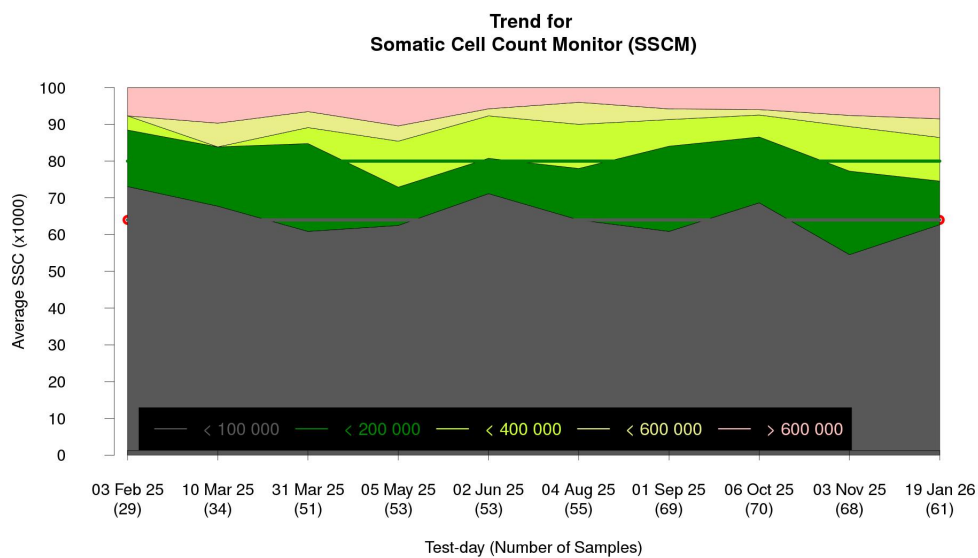


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

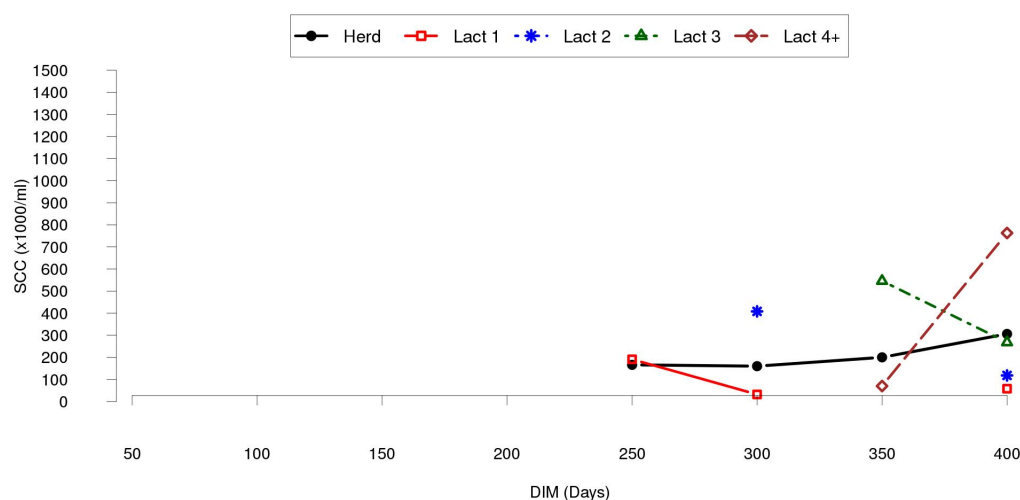


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

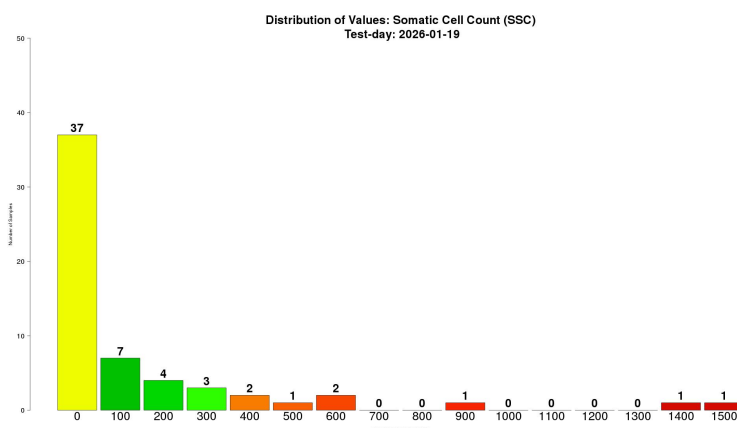


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-01-19)

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 2026-01-19

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	37	7	9	3	2	1
% Cows	62.7 %	11.9 %	15.3 %	5.1 %	3.4 %	1.7 %
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 2026-01-19 for the herd, was 244 000. 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
PB029	BRICS	4400	4.40	631	4	23
PB045	BERLIN	996	4.46	302	3	21

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 2026-01-19	SCC 2025-11-03	SCC 2025-10-06	Production	DIM	Parity	Status
PB029	BRICS	4400	33	10	23	631	4	R
PC021	CANNY	1494	19	172	26	904	3	N
PB045	BERLIN	996	1659	165	21	302	3	R
PC051	COCONUT	647	786	763	22	484	3	C
PG023	GANJA	637	14	21	17	205	1	N
PE044	EDGE	541	327	149	18	279	2	R
PC050	CARRA	458	-	-	29	18	3	N
PC012	CHARMEN	425	183	180	19	288	3	R
PC020	CARBY	392	113	95	29	895	2	N
PA002	ANEL	368	754	138	9	367	5	R
PC013	CARLA	343	553	171	15	574	3	R
PF021	FLIPPY	282	99	92	16	231	1	N
PE001	EASY	274	52	24	19	287	2	N
PZ041	ZOLANI	271	128	-	27	774	5	R
PB012	BOLIVIA	269	291	243	15	532	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
PC050	CARRA	29	18	3	0.71	HST

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

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
PE064	EBONY	17	373	1	1.25
PC021	CANNY	26	904	3	1.14
PB012	BOLIVIA	15	532	3	1.13
PC024	CAMRY	4	581	3	1.13
PF018	FEBS	14	517	1	1.11
PG018	GRETA	19	194	1	1.10
PF021	FLIPPY	16	231	1	1.08
PF014	FREEZ	19	260	1	1.06
PG005	GAYTON	13	281	1	1.04
PB005	BETTY	25	227	5	1.04
PE044	EDGE	18	279	2	1.01
PF033	FONKIES	26	377	1	1.01
PE054	ECOVID	20	303	2	1.00

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
PC005	CANDY	HST	377	377	1	1114	793
ZAJG200020	DRE	HST	-	-	-	888	234
PC016	CHAROL	HST	447	405	3	435	206
ZAJG210013	EURO	HST	349	349	1	624	206
PF013	FREDA	HST	-	-	-	584	107
PA042	AMOS	HST	668	722	2	896	97

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
PC005	CANDY	HST	377	377	1	1114	-
PB002	BELINDA	HST	522	444	2	958	-
ZAJG190009	CARNEY	HST	349	302	2	927	-
PC021	CANNY	HST	377	362	2	910	26
ZAJG190013	CARBY	HST	604	604	1	901	29
PA042	AMOS	HST	668	722	2	896	-
ZAJG200020	DRE	HST	-	-	-	888	-
PD016	DIPSY	HST	438	438	1	861	17
ZAJG190026	CARRA	HST	483	483	1	831	29
ZAJG190018	CHELSEA	HST	324	343	2	791	19
ZAJG160016	ZOLANI	HST	500	466	4	780	27
ZAJG150056	YIELD	HST	542	441	5	738	-
ZAJG190015	CYREL	HST	550	439	2	737	-
ZAJG210008	ELLIS	HST	-	-	-	724	-
PB019	BONNY	HST	390	406	2	694	21
ZAJG190012	CRISTY	HST	594	480	2	648	21
PC042	COX	HST	339	424	2	646	22
ZAJG220009	FELIX	HST	-	-	-	640	24
PA026	AVANGER	HST	448	448	4	637	15
ZAJG180016	BRICS	HST	396	368	3	637	23
ZAJG180026	BIKITA	HST	735	548	2	635	32
PD005	DOLLY	HST	344	406	2	628	26
ZAJG210013	EURO	HST	349	349	1	624	-
ZAJG200021	DON	HST	340	340	1	599	17
PC024	CAMRY	HST	352	442	2	587	4
ZAJG210006	EMA	HST	-	-	-	584	14
PF013	FREDA	HST	-	-	-	584	-
PC013	CARLA	HST	452	525	2	580	15
ZAJG150009	YES PY 015	HST	986	656	4	570	-
ZAJG208010	BOLIVIA	HST	477	533	2	538	15
ZAJG220016	FLINK	HST	-	-	-	536	14
ZAJG220008	FLOWERS	HST	-	-	-	532	15
PF018	FEBS	HST	-	-	-	523	14
ZAJG190001	CANDICE	HST	394	524	2	518	-
ZAJG190019	CANON	HST	459	491	2	511	18
ZAJG190027	COCONUT	HST	433	501	2	490	22
ZAJG210012	EDWIN	HST	370	370	1	486	-
PA051	AMANDA	HST	511	436	4	486	27
PF027	FIX	HST	-	-	-	469	13
ZAJG190020	CHINA	HST	348	381	3	443	14
PC016	CHAROL	HST	447	405	3	435	-
PD032	DAVID	HST	-	-	-	403	14