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Logix Melk/Milk

Kudde Gesondheids Verslag / Herd Health Report

VOORBERG GEVANGENIS

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Test-day: 2026-05-04

Holstein Cows

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HERD HEALTH SUMMARY REPORT

VOORBERG GEVANGENIS - Holstein Cows

Table 1: Summary for Test-day 2026-05-04 (Number of Samples Tested: 62)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 19.6 Median: 18.0		
Butterfat (%)	Avg.: 4.19 Median: 4.19	3.5 % - 6.0 %	Too Low: 21 % Too High: 2 %
Protein (%)	Avg.: 3.79 Median: 3.71	3.0 % - 4.5 %	Too Low: 15 % Too High: 16 %
Lactose (%)	Avg.: 4.48 Median: 4.54	> 4.7 %	Too Low: 77 %
MUN (mg/dl)	Avg.: 18.66 Median: 19.00	8 - 16 mg/dl	Too Low: 2 % Too High: 77 %
SCC (x1000/ml)	Avg.: 335 Median: 110 % < 100 : 46.8 % % < 200 : 62.9 % % < 500 : 82.3 % % > 750 : 6.5 % % > 1 000 : 3.2 % % > 1 500 : 3.2 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 17.2 % Too High: 12.1 % Too High: 9.7 % Too High: 1.7 % Too High: 2.2 % Too High: 3.2 %
Butterfat Protein ratio	Average: 1.1	> 1.0	Too High: 12.9 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-05-04

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	72.9 (6.0 %)	1st Lact Cows:	132/70 (20)
DIM (kg per day):	1097.7 (90.3 %)	2nd Lact Cows:	186/75 (12)
No. of Cows Under Pressure:	9 (14.5 %)	3rd Lact Cows:	274/130 (14)
No. Cows with SCC > 200k:	23 (37.1 %)	4th Lact Cows:	349/405 (8)
No. Cows with SCC > 750k:	4 (6.5 %)	5th Lact Cows:	198/215 (4)
No. New Infections:	5 (8.1 %)	6+ Lact Cows:	2125/1055 (4)
No. Recurring Infections:	16 (25.8 %)	Avg. SCC for SCC > 750k (n):	2508 (4)
Cure Rate for SCC > 200k:	9.1 % (1)	Avg. Days In Milk (DIM) for Herd:	439
Cure Rate for SCC > 750k:	33.3 % (1)	Median of DIM for Herd:	402
No. Chronic Infections (SCC > 200k):	5 (8.1 %)	Avg. DIM for SCC < 200k (n):	422 (39)
No. Chronic Infections (SCC > 750k):	0 (0.0 %)	Avg. DIM for SCC > 200k and < 750k (n):	452 (19)
No. of Possible Ketosis Cases:	0	Avg. DIM for SCC > 750k (n):	550 (4)
No. of Possible Acidosis Cases:	8	Avg. Parity for Herd:	3
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:	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 Holstein Cows

	Milk Production (kg)	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)
Herd	19.6	4.19	3.79	4.48	335	18.66
Top 25%	33.5	5.03	3.87	4.95	50	15.00
Breed Avg	27.7	4.44	3.57	4.76	478	12.41
Bottom 25%	21.3	3.87	3.29	4.64	400	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 62 Holstein Cows

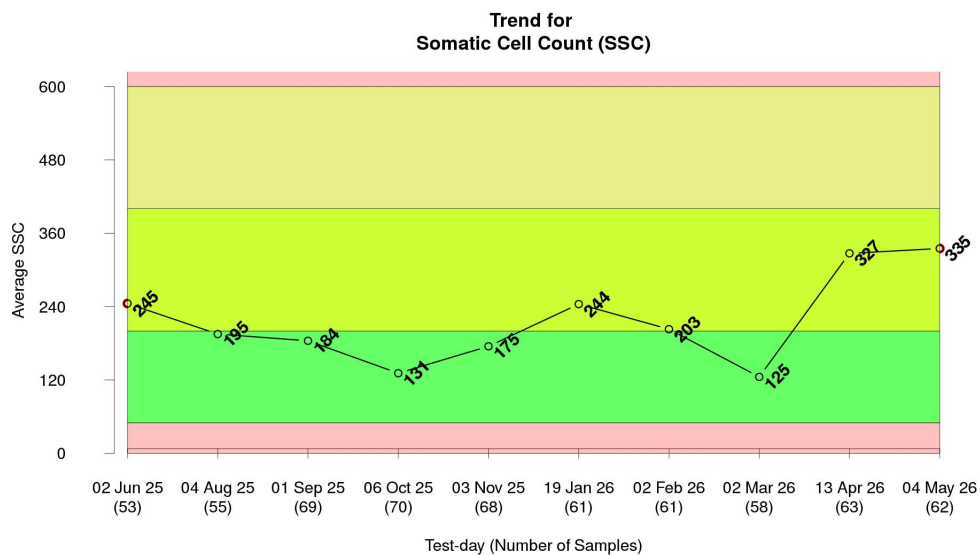
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	32.3% (20)	0.0% (0)	0.0% (0)	32.3% (20)	4.8% (3)	1.6% (1)
2	19.4% (12)	3.2% (2)	0.0% (0)	16.1% (10)	6.5% (4)	0.0% (0)
3	22.6% (14)	4.8% (3)	1.6% (1)	16.1% (10)	9.7% (6)	1.6% (1)
4	12.9% (8)	3.2% (2)	1.6% (1)	8.1% (5)	8.1% (5)	0.0% (0)
5	6.5% (4)	0.0% (0)	0.0% (0)	6.5% (4)	3.2% (2)	0.0% (0)
6+	6.5% (4)	1.6% (1)	0.0% (0)	4.8% (3)	4.8% (3)	3.2% (2)
Herd	100.2% (62)	12.8% (8)	3.2% (2)	83.9% (52)	37.1% (23)	6.4% (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 62 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)	15.0% (3)	5.0% (1)
2	0.0% (0)	0.0% (0)	0% (0)	0% (0)	40.0% (4)	0.0% (0)
3	0.0% (0)	0.0% (0)	100.0% (1)	0.0% (0)	50.0% (5)	10.0% (1)
4	50.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	80.0% (4)	0.0% (0)
5	0% (0)	0% (0)	0% (0)	0% (0)	50.0% (2)	0.0% (0)
6+	0.0% (0)	0.0% (0)	0% (0)	0% (0)	100.0% (3)	66.7% (2)

Table 6: Bulk Tank Results for 2026-05-04 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	4.05	3.63	4.53	379	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.

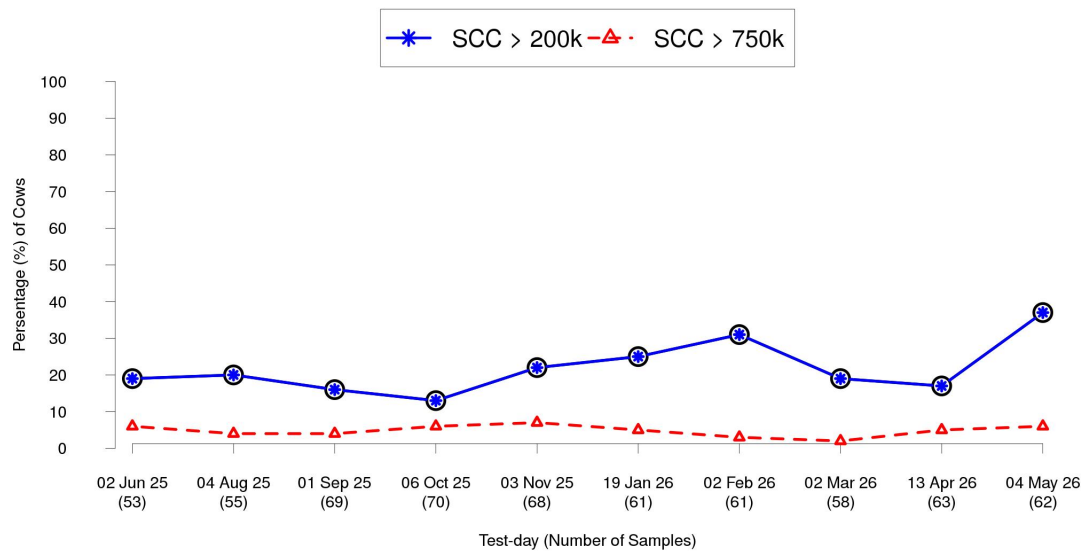


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

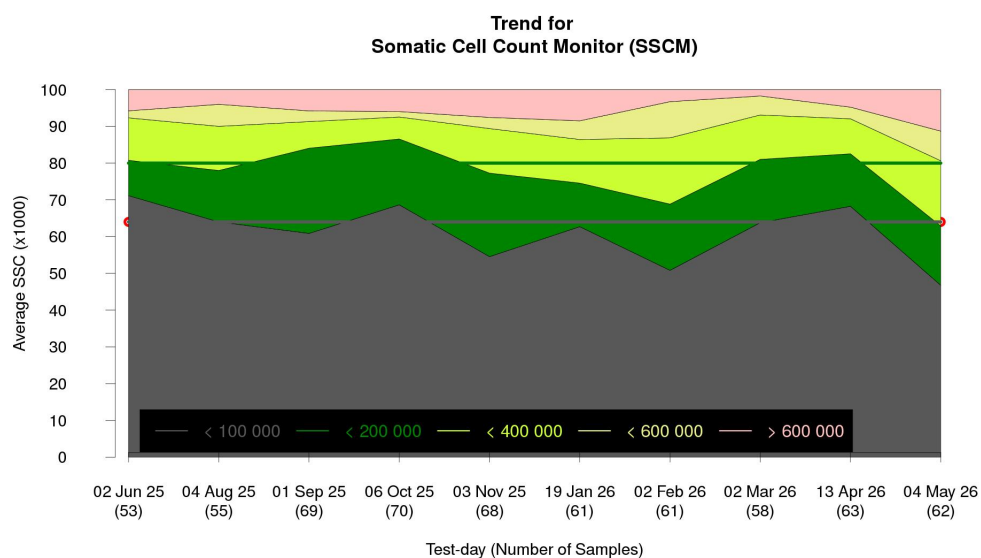


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

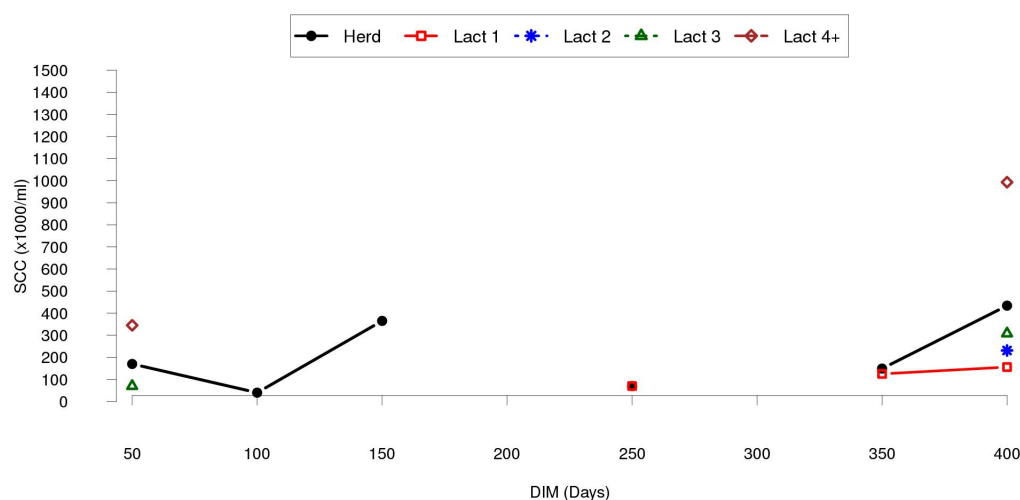


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

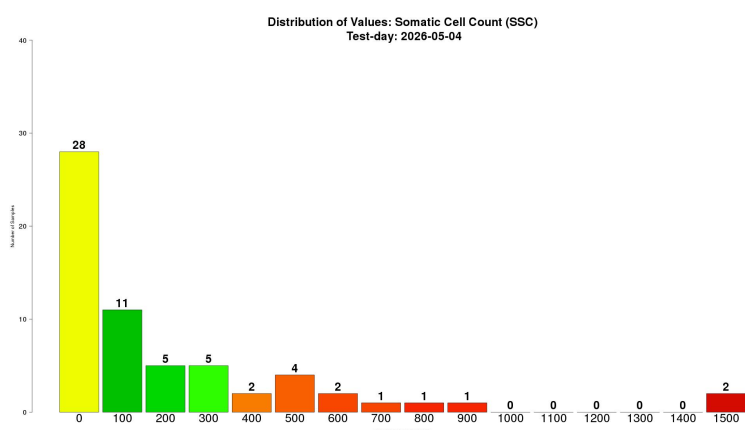


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-05-04)

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 2026-05-04

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	28	11	12	7	2	2
% Cows	45.2 %	17.7 %	19.4 %	11.3 %	3.2 %	3.2 %
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 2026-05-04 for the herd, was 335 000. 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
PY05	YIELD	6360	4.59	837	6	29
PZ005	ZETA	1890	3.75	409	7	18
PC051	COCONUT	970	4.54	589	3	22
PF014	FREEZ	810	4.26	365	1	17
PE014	EMA	700	3.21	683	2	15
PD007	DINAH	690	4.23	460	3	16
PC050	CARRA	590	4.55	123	3	30
PB038	BIANCA	570	4.08	452	4	11
PB029	BRICS	520	4.02	736	4	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 2026-05-04	SCC 2026-04-13	SCC 2026-03-02	Production	DIM	Parity	Status
PY05	YIELD	6360	9999	-	29	837	6	R
PZ005	ZETA	1890	290	87	18	409	7	R
PC051	COCONUT	970	2470	466	22	589	3	C
PF014	FREEZ	810	20	29	17	365	1	N
PE014	EMA	700	50	237	15	683	2	R
PD007	DINAH	690	160	278	16	460	3	R
PB052	BREEZ	660	-	-	28	50	4	N
PE005	ERICA	590	1910	27	26	482	2	R
PC050	CARRA	590	20	387	30	123	3	R
PB038	BIANCA	570	180	87	11	452	4	N
PB029	BRICS	520	190	186	20	736	4	R
PC038	CHINA	470	170	144	14	542	4	R
PG023	GANJA	400	90	489	20	310	1	R
PC007	CHARMA	360	180	145	17	408	3	N
PA034	AVA	340	180	162	14	397	4	R
PB045	BERLIN	330	380	583	17	407	3	CR
PY015	YES PY 015	320	90	108	25	669	5	N
PC012	CHARMEN	310	120	138	18	393	3	R
PB005	BETTY	290	230	276	20	332	5	C
PE044	EDGE	280	600	248	16	384	2	CR
PF021	FLIPPY	230	230	49	14	336	1	R
PC020	CARBY	220	240	941	24	1000	2	CR
PA007	AVON	220	90	81	13	422	6	R

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

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
PF023	FOX	16	390	1	1.49
PF016	FLINK	13	635	1	1.22
PF022	FLOWERS	25	22	2	1.16
PA007	AVON	13	422	6	1.07
PF021	FLIPPY	14	336	1	1.06
PE014	EMA	15	683	2	1.06
PC038	CHINA	14	542	4	1.05
PC013	CARLA	13	679	3	1.04

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
ZAJG190003	CANDY	HST	377	377	1	1212	893
PD033	DRE	HST	-	-	-	986	334
PE024	ELLIS	HST	-	-	-	822	137
PC024	CAMRY	HST	352	442	2	685	100
ZAJG190019	CANON	HST	459	491	2	609	90
PB012	BOLIVIA	HST	477	533	2	636	69
PG006	GERALDO	HST	-	-	-	374	59

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
ZAJG190003	CANDY	HST	377	377	1	1212	-
ZAJG180002	BELINDA	HST	522	444	2	1056	27
ZAJG190009	CARNEY	HST	349	302	2	1025	-
PC021	CANNY	HST	377	362	2	1008	-
ZAJG190013	CARBY	HST	604	604	1	999	24
PD033	DRE	HST	-	-	-	986	-
PD016	DIPSY	HST	438	438	1	959	11
ZAJG190018	CHELSEA	HST	324	343	2	889	19
ZAJG160016	ZOLANI	HST	500	466	4	878	21
ZAJG150056	YIELD	HST	542	441	5	836	29
PC023	CYREL	HST	550	439	2	835	31
PE024	ELLIS	HST	-	-	-	822	-
ZAJG180012	BONNY	HST	390	406	2	792	18
ZAJG190012	CRISTY	HST	594	480	2	746	20
ZAJG220009	FELIX	HST	-	-	-	738	23
ZAJG180016	BRICS	HST	396	368	3	735	20
PD035	DON	HST	340	340	1	697	17
PC024	CAMRY	HST	352	442	2	685	-
PE014	EMA	HST	-	-	-	682	15
ZAJG220013	FREDA	HST	-	-	-	682	28
PC013	CARLA	HST	452	525	2	678	13
PY015	YES PY 015	HST	986	656	4	668	25
PB012	BOLIVIA	HST	477	533	2	636	-
PF016	FLINK	HST	-	-	-	634	13
PF022	FLOWERS	HST	-	-	-	630	25
PF018	FEBS	HST	-	-	-	621	16
ZAJG190001	CANDICE	HST	394	524	2	616	36
ZAJG190019	CANON	HST	459	491	2	609	-
PC051	COCONUT	HST	433	501	2	588	22
ZAJG170051	AMANDA	HST	511	436	4	584	22
PE034	EDWIN	HST	370	370	1	584	28
ZAJG220027	FIX	HST	-	-	-	567	-
PC038	CHINA	HST	348	381	3	541	14
PD032	DAVID	HST	-	-	-	501	-
ZAJG220033	FONKIES	HST	-	-	-	481	25
PE005	ERICA	HST	491	491	1	481	26
PE064	EBONY	HST	-	-	-	477	12
PA002	ANEL	HST	924	539	4	471	-
PZ036	ZAKUMI	HST	746	582	4	466	24
PD007	DINAH	HST	457	482	2	459	16
ZAJG180020	BIANCA	HST	730	516	3	451	11
PB052	BREEZ	HST	672	664	2	450	28
PB051	BELIA	HST	492	481	3	423	-
ZAJG170005	AVON	HST	709	433	5	421	13
ZAJG160002	ZETA	HST	501	431	6	408	18
ZAJG190004	CHARMA	HST	578	693	2	407	17
PE054	ECOVID	HST	488	488	1	407	15
ZAJG180021	BERLIN	HST	495	585	2	406	17
ZAJG210045	EBEN	HST	-	-	-	405	16