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Kudde Gesondheids Verslag / Herd Health Report

VOORBERG GEVANGENIS

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Test-day: 2026-02-02

Holstein Cows

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HERD HEALTH SUMMARY REPORT

VOORBERG GEVANGENIS - Holstein Cows

Table 1: Summary for Test-day 2026-02-02 (Number of Samples Tested: 61)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 16.5 Median: 16.0		
Butterfat (%)	Avg.: 3.93 Median: 3.98	3.5 % - 6.0 %	Too Low: 31 % Too High: 0 %
Protein (%)	Avg.: 3.51 Median: 3.45	3.0 % - 4.5 %	Too Low: 11 % Too High: 3 %
Lactose (%)	Avg.: 4.56 Median: 4.61	> 4.7 %	Too Low: 74 %
MUN (mg/dl)	Avg.: 16.14 Median: 16.00	8 - 16 mg/dl	Too Low: 2 % Too High: 49 %
SCC (x1000/ml)	Avg.: 203 Median: 88 % < 100 : 50.8 % % < 200 : 68.9 % % < 500 : 93.4 % % > 750 : 3.3 % % > 1 000 : 1.6 % % > 1 500 : 1.6 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 13.2 % Too High: 6.1 % Too High: 0 % Too High: 0 % Too High: 0.6 % Too High: 1.6 %
Butterfat Protein ratio	Average: 1.1	> 1.0	Too High: 14.8 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-02-02

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	46.9 (4.7 %)	1st Lact Cows:	76/49 (22)
DIM (kg per day):	879.0 (87.3 %)	2nd Lact Cows:	104/42 (10)
No. of Cows Under Pressure:	4 (6.6 %)	3rd Lact Cows:	414/221 (14)
No. Cows with SCC > 200k:	19 (31.1 %)	4th Lact Cows:	215/220 (7)
No. Cows with SCC > 750k:	2 (3.3 %)	5th Lact Cows:	221/184 (6)
No. New Infections:	8 (13.1 %)	6+ Lact Cows:	536/536 (2)
No. Recurring Infections:	9 (14.8 %)	Avg. SCC for SCC > 750k (n):	2008 (2)
Cure Rate for SCC > 200k:	26.7 % (4)	Avg. Days In Milk (DIM) for Herd:	430
Cure Rate for SCC > 750k:	100.0 % (3)	Median of DIM for Herd:	361
No. Chronic Infections (SCC > 200k):	6 (9.8 %)	Avg. DIM for SCC < 200k (n):	456 (42)
No. Chronic Infections (SCC > 750k):	0 (0.0 %)	Avg. DIM for SCC > 200k and < 750k (n):	367 (17)
No. of Possible Ketosis Cases:	1	Avg. DIM for SCC > 750k (n):	408 (2)
No. of Possible Acidosis Cases:	9	Avg. Parity for Herd:	3
Avg. Age at First Calf (Months):	28	Avg. Parity for SCC < 200k:	2
Avg. Inter-Calf Period (Days):	548	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 Holstein Cows

	Milk Production (kg)	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)
Herd	16.5	3.93	3.51	4.56	203	16.14
Top 25%	35.9	4.77	3.76	4.79	41	15.90
Breed Avg	28.6	4.28	3.55	4.66	409	13.71
Bottom 25%	20.5	3.74	3.29	4.56	274	11.35

*** 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 61 Holstein Cows

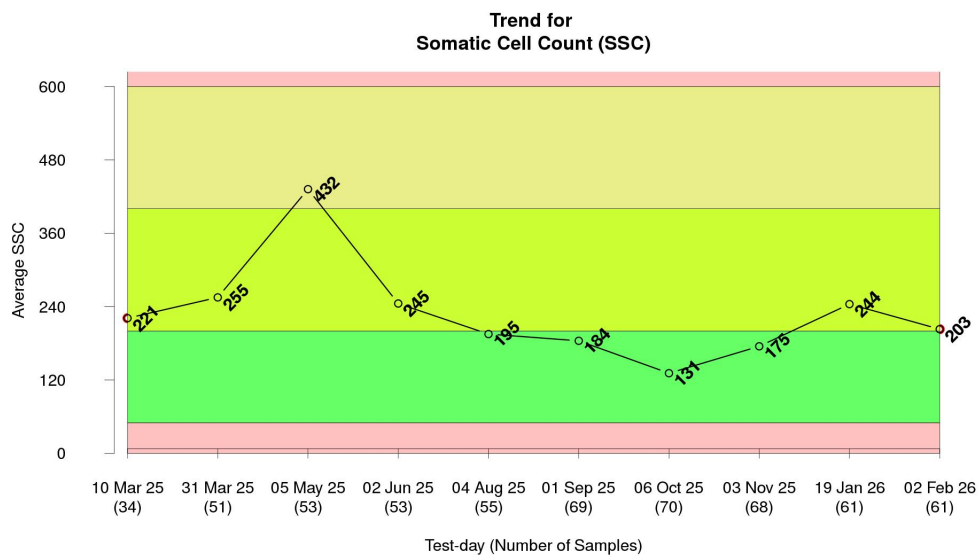
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	36.1% (22)	0.0% (0)	0.0% (0)	36.1% (22)	3.3% (2)	0.0% (0)
2	16.4% (10)	0.0% (0)	1.6% (1)	14.8% (9)	1.6% (1)	0.0% (0)
3	23.0% (14)	1.6% (1)	0.0% (0)	21.3% (13)	13.1% (8)	1.6% (1)
4	11.5% (7)	1.6% (1)	0.0% (0)	9.8% (6)	6.6% (4)	0.0% (0)
5	9.8% (6)	0.0% (0)	0.0% (0)	9.8% (6)	4.9% (3)	0.0% (0)
6+	3.3% (2)	0.0% (0)	0.0% (0)	3.3% (2)	1.6% (1)	1.6% (1)
Herd	100.1% (61)	3.2% (2)	1.6% (1)	95.1% (58)	31.1% (19)	3.2% (2)

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 61 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)	9.1% (2)	0.0% (0)
2	0% (0)	0% (0)	0.0% (0)	0.0% (0)	11.1% (1)	0.0% (0)
3	100.0% (1)	0.0% (0)	0% (0)	0% (0)	53.8% (7)	7.7% (1)
4	100.0% (1)	0.0% (0)	0% (0)	0% (0)	50.0% (3)	0.0% (0)
5	0% (0)	0% (0)	0% (0)	0% (0)	50.0% (3)	0.0% (0)
6+	0% (0)	0% (0)	0% (0)	0% (0)	50.0% (1)	50.0% (1)

Table 6: Bulk Tank Results for 2026-02-02 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	3.88	3.46	4.59	223	16	

**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.

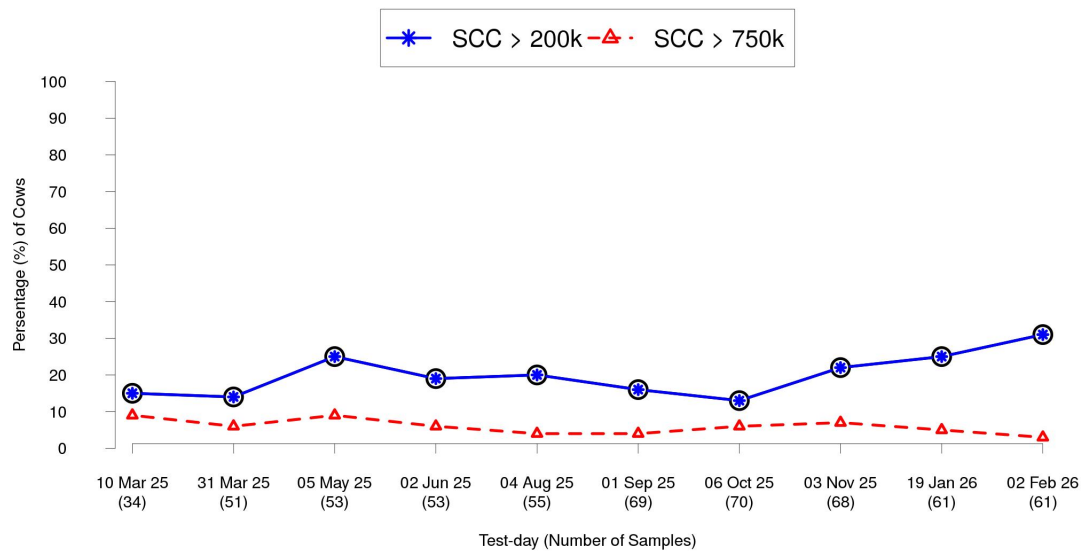


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

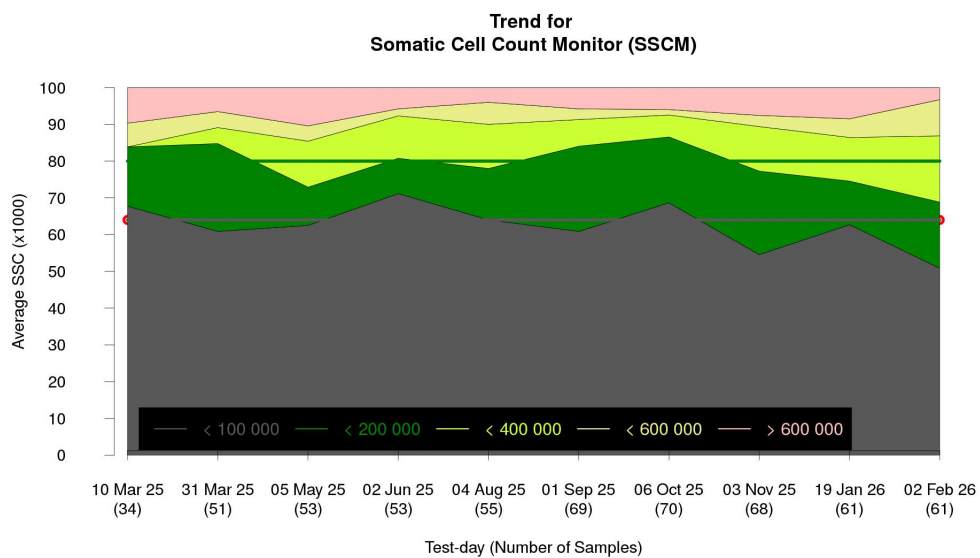


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

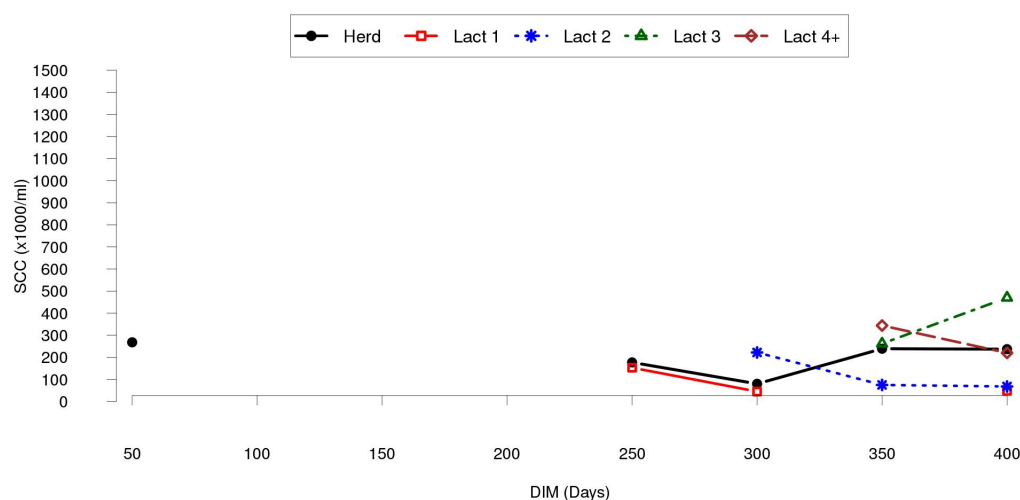


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

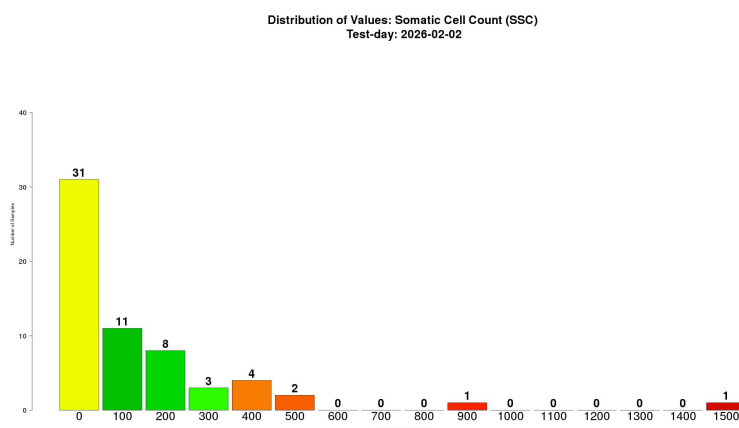


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-02-02)

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 2026-02-02

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	31	11	15	2	1	1
% Cows	50.8 %	18.0 %	24.6 %	3.3 %	1.6 %	1.6 %
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 2026-02-02 for the herd, was 203 000. 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
PC051	COCONUT	3055	4.58	498	3	23
PZ005	ZETA	960	4.02	318	7	18
PC038	CHINA	574	4.52	451	4	12
PA002	ANEL	522	3.00	381	5	7

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 2026-02-02	SCC 2026-01-19	SCC 2025-11-03	Production	DIM	Parity	Status
PC051	COCONUT	3055	647	786	23	498	3	C
PZ005	ZETA	960	53	108	18	318	7	N
PC038	CHINA	574	135	803	12	451	4	R
PA002	ANEL	522	368	754	7	381	5	CR
PB012	BOLIVIA	469	269	291	12	546	3	C
PC012	CHARMEN	431	425	183	17	302	3	R
PD007	DINAH	414	172	33	19	369	3	R
PE044	EDGE	403	541	327	15	293	2	CR
PB005	BETTY	316	169	172	21	241	5	N
PG023	GANJA	315	637	14	17	219	1	N
PC050	CARRA	309	458	-	32	32	3	N
PC036	CANON	250	53	44	15	519	3	N
PG018	GRETA	241	41	30	17	208	1	N
PB029	BRICS	232	4400	33	19	645	4	R
PB054	BIKITA	226	25	-	30	39	4	N
PB045	BERLIN	224	996	1659	18	316	3	CR
PA034	AVA	220	168	125	11	306	4	N
PC013	CARLA	218	343	553	13	588	3	CR
PZ041	ZOLANI	205	271	128	20	788	5	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
PC050	CARRA	32	32	3	0.68	HST

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

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
PF016	FLINK	12	544	1	1.14
PB054	BIKITA	30	39	4	1.11
PF023	FOX	19	299	1	1.10
PG005	GAYTON	11	295	1	1.09
PF024	FAITH	17	135	2	1.07
PE014	EMA	16	592	2	1.07
PF021	FLIPPY	12	245	1	1.05
PF033	FONKIES	21	391	1	1.02
PG002	GUGU	14	229	1	1.02

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	1121	802
ZAJG200020	DRE	HST	-	-	-	895	243
ZAJG190010	CHAROL	HST	447	405	3	442	215
PE035	EURO	HST	349	349	1	631	215
PF013	FREDA	HST	-	-	-	591	116
ZAJG170015	AMOS	HST	668	722	2	903	106

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	1121	-
PB002	BELINDA	HST	522	444	2	965	-
PC014	CARNEY	HST	349	302	2	934	9
PC021	CANNY	HST	377	362	2	917	23
PC020	CARBY	HST	604	604	1	908	24
ZAJG170015	AMOS	HST	668	722	2	903	-
ZAJG200020	DRE	HST	-	-	-	895	-
ZAJG200008	DIPSY	HST	438	438	1	868	14
PC035	CHELSEA	HST	324	343	2	798	20
PZ041	ZOLANI	HST	500	466	4	787	20
ZAJG150056	YIELD	HST	542	441	5	745	-
ZAJG190015	CYREL	HST	550	439	2	744	-
ZAJG210008	ELLIS	HST	-	-	-	731	-
PB019	BONNY	HST	390	406	2	701	17
PC018	CRISTY	HST	594	480	2	655	17
ZAJG190023	COX	HST	339	424	2	653	16
PF009	FELIX	HST	-	-	-	647	18
PA026	AVANGER	HST	448	448	4	644	18
ZAJG180016	BRICS	HST	396	368	3	644	19
PB054	BIKITA	HST	735	548	2	642	30
PE035	EURO	HST	349	349	1	631	-
ZAJG200021	DON	HST	340	340	1	606	16
ZAJG190016	CAMRY	HST	352	442	2	594	-
PF013	FREDA	HST	-	-	-	591	-
PE014	EMA	HST	-	-	-	591	16
PC013	CARLA	HST	452	525	2	587	13
ZAJG150009	YES PY 015	HST	986	656	4	577	20
ZAJG208010	BOLIVIA	HST	477	533	2	545	12
ZAJG220016	FLINK	HST	-	-	-	543	12
PF022	FLOWERS	HST	-	-	-	539	11
ZAJG220018	FEBS	HST	-	-	-	530	17
ZAJG190001	CANDICE	HST	394	524	2	525	-
ZAJG190019	CANON	HST	459	491	2	518	15
PC051	COCONUT	HST	433	501	2	497	23
PE034	EDWIN	HST	370	370	1	493	-
ZAJG170051	AMANDA	HST	511	436	4	493	23
ZAJG220027	FIX	HST	-	-	-	476	13
PC038	CHINA	HST	348	381	3	450	12
ZAJG190010	CHAROL	HST	447	405	3	442	-
PD032	DAVID	HST	-	-	-	410	9