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Kudde Gesondheids Verslag / Herd Health Report

VOORBERG GEVANGENIS

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Test-day: 2026-04-13

Holstein Cows

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HERD HEALTH SUMMARY REPORT

VOORBERG GEVANGENIS - Holstein Cows

Table 1: Summary for Test-day 2026-04-13 (Number of Samples Tested: 63)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 18.1 Median: 17.0		
Butterfat (%)	Avg.: 3.79 Median: 3.58	3.5 % - 6.0 %	Too Low: 43 % Too High: 0 %
Protein (%)	Avg.: 3.67 Median: 3.68	3.0 % - 4.5 %	Too Low: 11 % Too High: 8 %
Lactose (%)	Avg.: 4.48 Median: 4.50	> 4.7 %	Too Low: 79 %
MUN (mg/dl)	Avg.: 17.19 Median: 17.00	8 - 16 mg/dl	Too Low: 3 % Too High: 62 %
SCC (x1000/ml)	Avg.: 327 Median: 60 % < 100 : 68.3 % % < 200 : 82.5 % % < 500 : 92.1 % % > 750 : 4.8 % % > 1 000 : 4.8 % % > 1 500 : 4.8 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 0 % Too High: 0 % Too High: 0 % Too High: 0.0 % Too High: 3.8 % Too High: 4.8 %
Butterfat Protein ratio	Average: 1.0	> 1.0	Too High: 44.4 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-04-13

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	68.4 (6.0 %)	1st Lact Cows:	55/40 (22)
DIM (kg per day):	1231.5 (108.0 %)	2nd Lact Cows:	275/40 (11)
No. of Cows Under Pressure:	5 (7.9 %)	3rd Lact Cows:	273/90 (15)
No. Cows with SCC > 200k:	11 (17.5 %)	4th Lact Cows:	126/170 (7)
No. Cows with SCC > 750k:	3 (4.8 %)	5th Lact Cows:	200/90 (5)
No. New Infections:	0 (0.0 %)	6+ Lact Cows:	3460/290 (3)
No. Recurring Infections:	9 (14.3 %)	Avg. SCC for SCC > 750k (n):	4793 (3)
Cure Rate for SCC > 200k:	45.5 % (5)	Avg. Days In Milk (DIM) for Herd:	492
Cure Rate for SCC > 750k:	100.0 % (1)	Median of DIM for Herd:	403
No. Chronic Infections (SCC > 200k):	5 (7.9 %)	Avg. DIM for SCC < 200k (n):	486 (52)
No. Chronic Infections (SCC > 750k):	0 (0.0 %)	Avg. DIM for SCC > 200k and < 750k (n):	481 (8)
No. of Possible Ketosis Cases:	0	Avg. DIM for SCC > 750k (n):	615 (3)
No. of Possible Acidosis Cases:	28	Avg. Parity for Herd:	3
Avg. Age at First Calf (Months):	28	Avg. Parity for SCC < 200k:	2
Avg. Inter-Calf Period (Days):	554	Avg. Parity for SCC > 200k and < 750k:	4
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	18.1	3.79	3.67	4.48	327	17.19
Top 25%	31.0	5.18	3.89	4.92	50	15.00
Breed Avg	25.9	4.67	3.62	4.75	420	12.53
Bottom 25%	21.0	4.13	3.34	4.63	290	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 63 Holstein Cows

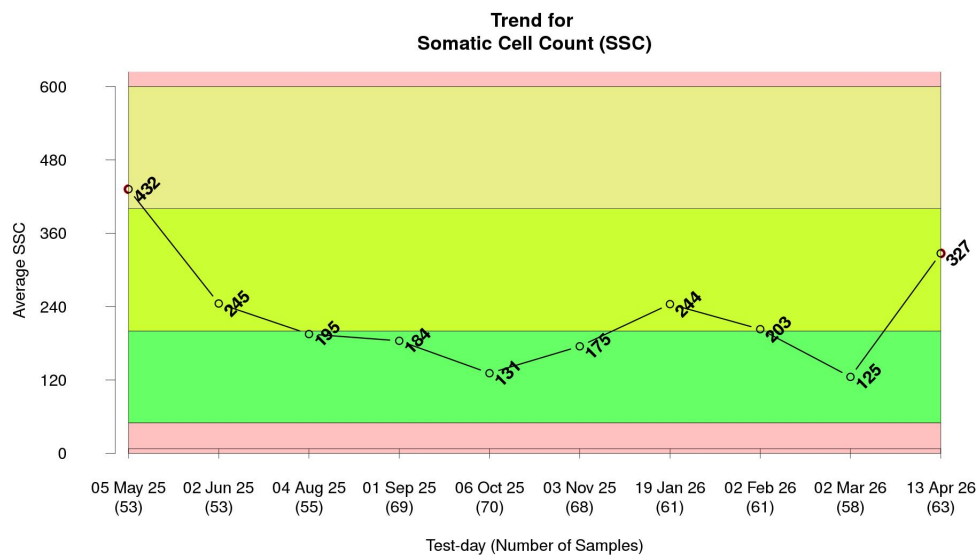
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	34.9% (22)	0.0% (0)	3.2% (2)	31.7% (20)	1.6% (1)	0.0% (0)
2	17.5% (11)	0.0% (0)	0.0% (0)	17.5% (11)	4.8% (3)	1.6% (1)
3	23.8% (15)	1.6% (1)	1.6% (1)	20.6% (13)	4.8% (3)	1.6% (1)
4	11.1% (7)	0.0% (0)	1.6% (1)	9.5% (6)	0.0% (0)	0.0% (0)
5	7.9% (5)	0.0% (0)	0.0% (0)	7.9% (5)	3.2% (2)	0.0% (0)
6+	4.8% (3)	0.0% (0)	0.0% (0)	4.8% (3)	3.2% (2)	1.6% (1)
Herd	100% (63)	1.6% (1)	6.4% (4)	92% (58)	17.6% (11)	4.8% (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 63 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)	5.0% (1)	0.0% (0)
2	0% (0)	0% (0)	0% (0)	0% (0)	27.3% (3)	9.1% (1)
3	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	23.1% (3)	7.7% (1)
4	0% (0)	0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
5	0% (0)	0% (0)	0% (0)	0% (0)	40.0% (2)	0.0% (0)
6+	0% (0)	0% (0)	0% (0)	0% (0)	66.7% (2)	33.3% (1)

Table 6: Bulk Tank Results for 2026-04-13 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	3.66	3.56	4.50	444	17	

**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.

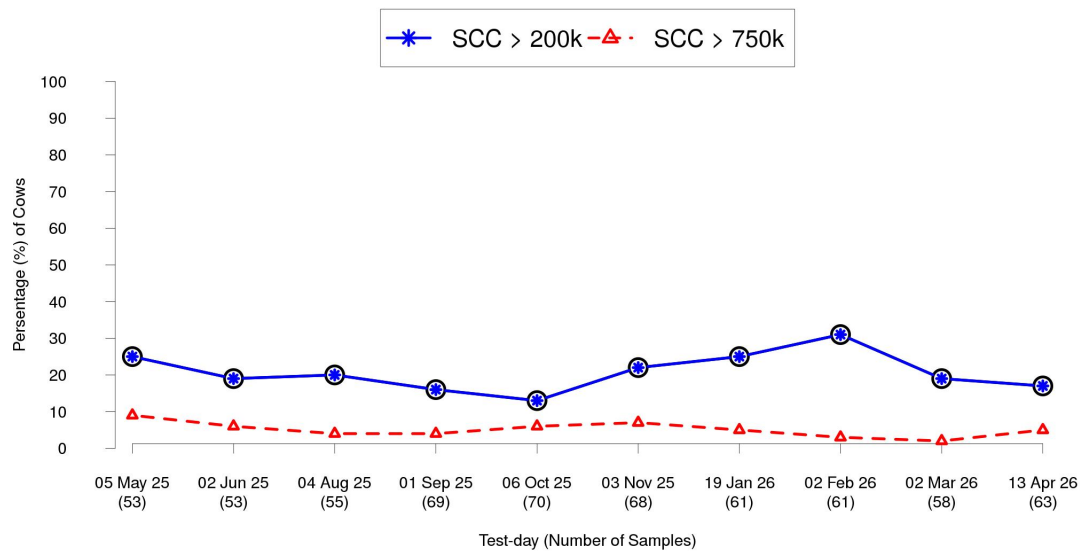


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

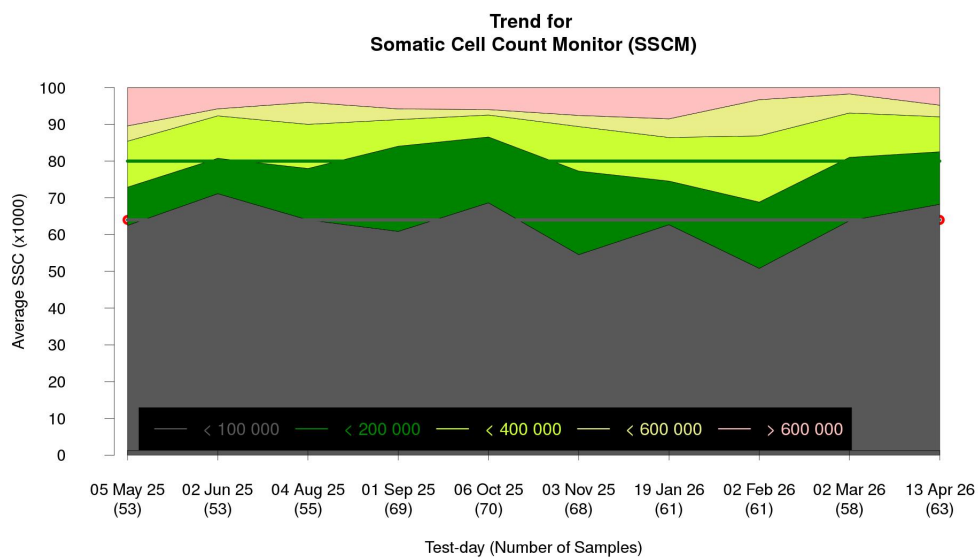


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

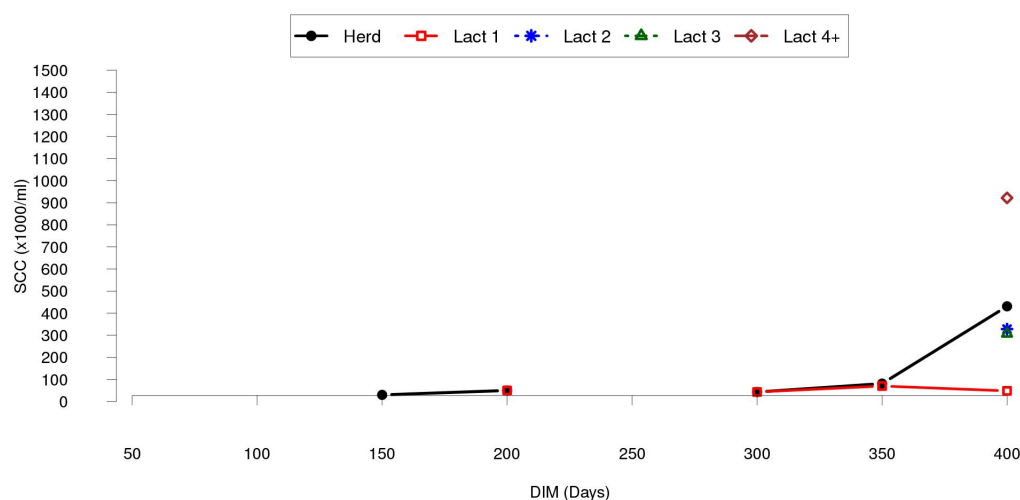


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

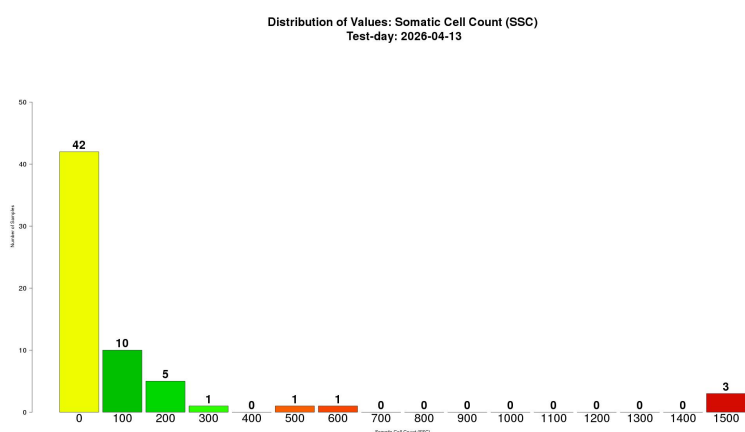


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-04-13)

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 2026-04-13

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	42	10	6	2	0	3
% Cows	66.7 %	15.9 %	9.5 %	3.2 %	0.0 %	4.8 %
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 2026-04-13 for the herd, was 327 000. 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	9999	3.96	816	6	31
PC051	COCONUT	2470	4.50	568	3	20
PE005	ERICA	1910	4.45	461	2	25
PE044	EDGE	600	4.40	363	2	15
PA002	ANEL	570	3.00	451	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 2026-04-13	SCC 2026-03-02	SCC 2026-02-02	Production	DIM	Parity	Status
PY05	YIELD	9999	-	-	31	816	6	R
PC051	COCONUT	2470	466	3055	20	568	3	C
PE005	ERICA	1910	27	-	25	461	2	R
PE044	EDGE	600	248	403	15	363	2	CR
PA002	ANEL	570	371	522	7	451	5	CR
PB045	BERLIN	380	583	224	16	386	3	CR
PZ005	ZETA	290	87	960	18	388	7	R
PC013	CARLA	250	28	218	15	658	3	R
PC020	CARBY	240	941	181	25	979	2	R
PF021	FLIPPY	230	49	185	12	315	1	R
PB005	BETTY	230	276	316	21	311	5	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
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Table 11: Possible Acidosis Cases (Protein % > Butterfat %)

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
PF016	FLINK	15	614	1	1.30
PG015	GEELY	17	314	1	1.19
PA007	AVON	15	401	6	1.16
PE014	EMA	16	662	2	1.16
PG030	GALUSH	17	193	1	1.12
PG018	GRETA	19	278	1	1.12
PD017	DUDU	22	10	3	1.12
PG019	GADDAFI	19	331	1	1.11
PF018	FEBS	17	601	1	1.10
PF033	FONKIES	23	461	1	1.09
PZ005	ZETA	18	388	7	1.09
PC021	CANNY	23	988	3	1.09
PY015	YES PY 015	21	648	5	1.07
PB029	BRICS	20	715	4	1.06
PG005	GAYTON	11	365	1	1.06
PC020	CARBY	25	979	2	1.06
PE005	ERICA	25	461	2	1.06
PB045	BERLIN	16	386	3	1.05
PB002	BELINDA	27	1036	3	1.04
PC013	CARLA	15	658	3	1.03
PB019	BONNY	18	772	4	1.03
PC035	CHELSEA	17	869	3	1.03
PE044	EDGE	15	363	2	1.02
PF021	FLIPPY	12	315	1	1.02
PG023	GANJA	13	289	1	1.02
PE045	EBEN	13	385	2	1.01
PA034	AVA	16	376	4	1.01
PF014	FREEZ	17	344	1	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	1198	877
ZAJG200020	DRE	HST	-	-	-	972	318
ZAJG220013	FREDA	HST	-	-	-	668	191
ZAJG180025	BREEZ	HST	672	664	2	436	132
ZAJG160013	ZAKUMI	HST	746	582	4	452	128
PE034	EDWIN	HST	370	370	1	570	128
PE024	ELLIS	HST	-	-	-	808	121
ZAJG190016	CAMRY	HST	352	442	2	671	84
PF022	FLOWERS	HST	-	-	-	616	74
ZAJG190019	CANON	HST	459	491	2	595	74

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	1198	-
PB002	BELINDA	HST	522	444	2	1042	27
PC014	CARNEY	HST	349	302	2	1011	8
ZAJG190014	CANNY	HST	377	362	2	994	23
PC020	CARBY	HST	604	604	1	985	25
ZAJG200020	DRE	HST	-	-	-	972	-
ZAJG200008	DIPSY	HST	438	438	1	945	16
PC035	CHELSEA	HST	324	343	2	875	17
PZ041	ZOLANI	HST	500	466	4	864	20
ZAJG150056	YIELD	HST	542	441	5	822	31
ZAJG190015	CYREL	HST	550	439	2	821	33
PE024	ELLIS	HST	-	-	-	808	-
ZAJG180012	BONNY	HST	390	406	2	778	18
ZAJG190012	CRISTY	HST	594	480	2	732	18
PF009	FELIX	HST	-	-	-	724	24
ZAJG180016	BRICS	HST	396	368	3	721	20
ZAJG200021	DON	HST	340	340	1	683	15
ZAJG190016	CAMRY	HST	352	442	2	671	-
ZAJG210006	EMA	HST	-	-	-	668	16
ZAJG220013	FREDA	HST	-	-	-	668	-
PC013	CARLA	HST	452	525	2	664	15
ZAJG150009	YES PY 015	HST	986	656	4	654	21
ZAJG208010	BOLIVIA	HST	477	533	2	622	-
ZAJG220016	FLINK	HST	-	-	-	620	15
PF022	FLOWERS	HST	-	-	-	616	-
PF018	FEBS	HST	-	-	-	607	17
ZAJG190001	CANDICE	HST	394	524	2	602	35
ZAJG190019	CANON	HST	459	491	2	595	-
PC051	COCONUT	HST	433	501	2	574	20
PE034	EDWIN	HST	370	370	1	570	-
ZAJG170051	AMANDA	HST	511	436	4	570	22
ZAJG220027	FIX	HST	-	-	-	553	12
PC038	CHINA	HST	348	381	3	527	10
ZAJG190010	CHAROL	HST	447	405	3	519	-
PD032	DAVID	HST	-	-	-	487	12
PF033	FONKIES	HST	-	-	-	467	23
ZAJG210003	ERICA	HST	491	491	1	467	25
PE064	EBONY	HST	-	-	-	463	18
PA002	ANEL	HST	924	539	4	457	7
ZAJG160013	ZAKUMI	HST	746	582	4	452	-
PD007	DINAH	HST	457	482	2	445	18
PB038	BIANCA	HST	730	516	3	437	13
ZAJG180025	BREEZ	HST	672	664	2	436	-
PB051	BELIA	HST	492	481	3	409	16
PA007	AVON	HST	709	433	5	407	15