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Logix Melk/Milk

Kudde Gesondheids Verslag / Herd Health Report

VOORBERG GEVANGENIS

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Test-day: 2026-03-02

Holstein Cows

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List of Tables

1	Summary for Test-day 2026-03-02 (Number of Samples Tested: 58)	2
2	Quantification of Specific Cases (% of herd) and Loss in Production on 2026-03-02	2
3	Benchmark: Herd with the Top 25%, Average and Bottom 25% for different traits tested the last month of for Holstein Cows	2
4	Summary of Somatic Cell Counts per Lactation Group in the herd for 58 Holstein Cows	3
5	Somatic Cell Count (SCC) Analysis: Percentage (Number) of Cows within Stage of Lactation and Lactation Group for SCC > 200k and SCC > 750k for 58 Holstein Cows	3
6	Bulk Tank Results for 2026-03-02 (Number of Samples Tested: 0)	3
7	Somatic Cell Count (SSC) distribution and Milk Loss Monitor 2026-03-02	5
8	Cows Under Pressure (SCC > 500k and Lactose % < 4.6)	6
9	Cows with Somatic Cell Counts > 200k (Status: N=New -, C=Chronic -, R=Recurring - and CR=Chronic and Recurring Infections)	7
10	Possible Ketosis Cases; Cows under 100 days in milk (Prot. Fat Ratio < 0.68 for Jerseys and < 0.74 for other Breeds)	8
11	Possible Acidosis Cases (Protein % > Butterfat %)	9
12	Dry Cows with a Dry Period more than 55 Days	10
13	Cows with an active Inter-Calving Period (ICP) > 400 days	11

List of Figures

1	Somatic Cell Count (SCC) Trend	3
2	Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day	4
3	Somatic Cell Count (SCC) Monitor Trend	4
4	Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)	5
5	Somatic Cell Count (SCC) Distribution for Test-day (2026-03-02)	5

HERD HEALTH SUMMARY REPORT

VOORBERG GEVANGENIS - Holstein Cows

Table 1: Summary for Test-day 2026-03-02 (Number of Samples Tested: 58)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 18.1 Median: 17.0		
Butterfat (%)	Avg.: 3.81 Median: 3.83	3.5 % - 6.0 %	Too Low: 38 % Too High: 0 %
Protein (%)	Avg.: 3.59 Median: 3.57	3.0 % - 4.5 %	Too Low: 9 % Too High: 5 %
Lactose (%)	Avg.: 4.59 Median: 4.63	> 4.7 %	Too Low: 69 %
MUN (mg/dl)	Avg.: 20.81 Median: 21.00	8 - 16 mg/dl	Too Low: 0 % Too High: 90 %
SCC (x1000/ml)	Avg.: 125 Median: 47 % < 100 : 63.8 % % < 200 : 81.0 % % < 500 : 96.6 % % > 750 : 1.7 % % > 1 000 : 0.0 % % > 1 500 : 0.0 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 0.2 % Too High: 0 % Too High: 0 % Too High: 0 % Too High: 0 % Too High: 0.0 %
Butterfat Protein ratio	Average: 1.1	> 1.0	Too High: 37.9 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-03-02

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	31.5 (3.0 %)	1st Lact Cows:	56/33 (20)
DIM (kg per day):	1039.3 (99.0 %)	2nd Lact Cows:	172/32 (10)
No. of Cows Under Pressure:	1 (1.7 %)	3rd Lact Cows:	185/138 (13)
No. Cows with SCC > 200k:	11 (19.0 %)	4th Lact Cows:	109/117 (7)
No. Cows with SCC > 750k:	1 (1.7 %)	5th Lact Cows:	183/159 (6)
No. New Infections:	3 (5.2 %)	6+ Lact Cows:	84/84 (2)
No. Recurring Infections:	5 (8.6 %)	Avg. SCC for SCC > 750k (n):	941 (1)
Cure Rate for SCC > 200k:	47.4 % (9)	Avg. Days In Milk (DIM) for Herd:	465
Cure Rate for SCC > 750k:	100.0 % (2)	Median of DIM for Herd:	375
No. Chronic Infections (SCC > 200k):	6 (10.3 %)	Avg. DIM for SCC < 200k (n):	466 (47)
No. Chronic Infections (SCC > 750k):	0 (0.0 %)	Avg. DIM for SCC > 200k and < 750k (n):	416 (10)
No. of Possible Ketosis Cases:	0	Avg. DIM for SCC > 750k (n):	937 (1)
No. of Possible Acidosis Cases:	22	Avg. Parity for Herd:	3
Avg. Age at First Calf (Months):	28	Avg. Parity for SCC < 200k:	3
Avg. Inter-Calf Period (Days):	548	Avg. Parity for SCC > 200k and < 750k:	3
No. Flushings:	NA	Avg. Parity for SCC > 750k:	2
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	3.81	3.59	4.59	125	20.81
Top 25%	32.0	5.11	3.73	4.84	50	15.00
Breed Avg	27.1	4.57	3.46	4.67	400	13.10
Bottom 25%	22.0	4.07	3.20	4.57	315	11.00

*** 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 58 Holstein Cows

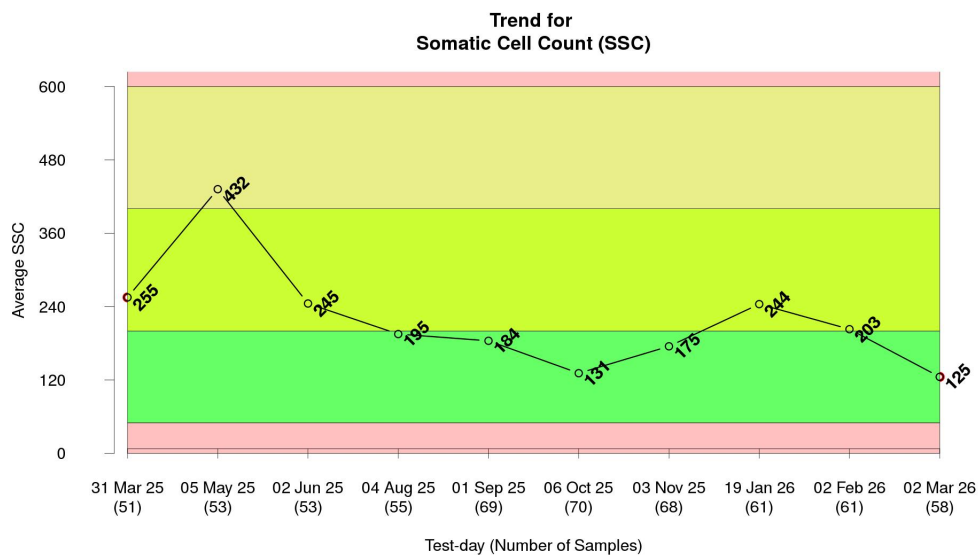
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	34.5% (20)	0.0% (0)	0.0% (0)	34.5% (20)	1.7% (1)	0.0% (0)
2	17.2% (10)	0.0% (0)	1.7% (1)	15.5% (9)	5.2% (3)	1.7% (1)
3	22.4% (13)	1.7% (1)	0.0% (0)	20.7% (12)	8.6% (5)	0.0% (0)
4	12.1% (7)	1.7% (1)	0.0% (0)	10.3% (6)	0.0% (0)	0.0% (0)
5	10.3% (6)	0.0% (0)	0.0% (0)	10.3% (6)	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	99.9% (58)	3.4% (2)	1.7% (1)	94.7% (55)	18.9% (11)	1.7% (1)

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 58 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)	5.0% (1)	0.0% (0)
2	0% (0)	0% (0)	0.0% (0)	0.0% (0)	33.3% (3)	11.1% (1)
3	100.0% (1)	0.0% (0)	0% (0)	0% (0)	33.3% (4)	0.0% (0)
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)	33.3% (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 2026-03-02 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	3.73	3.52	4.61	132	21	

**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.

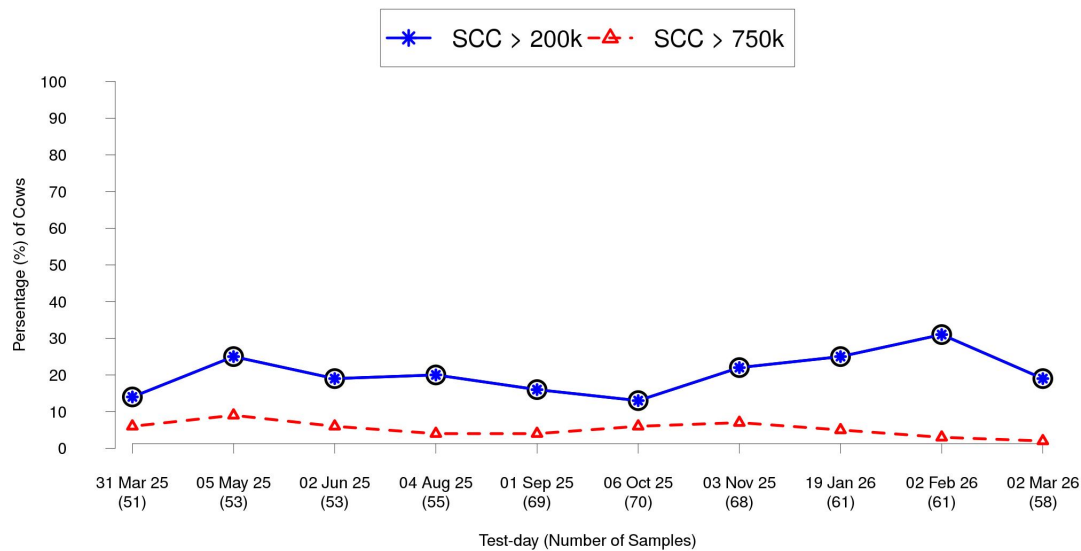


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

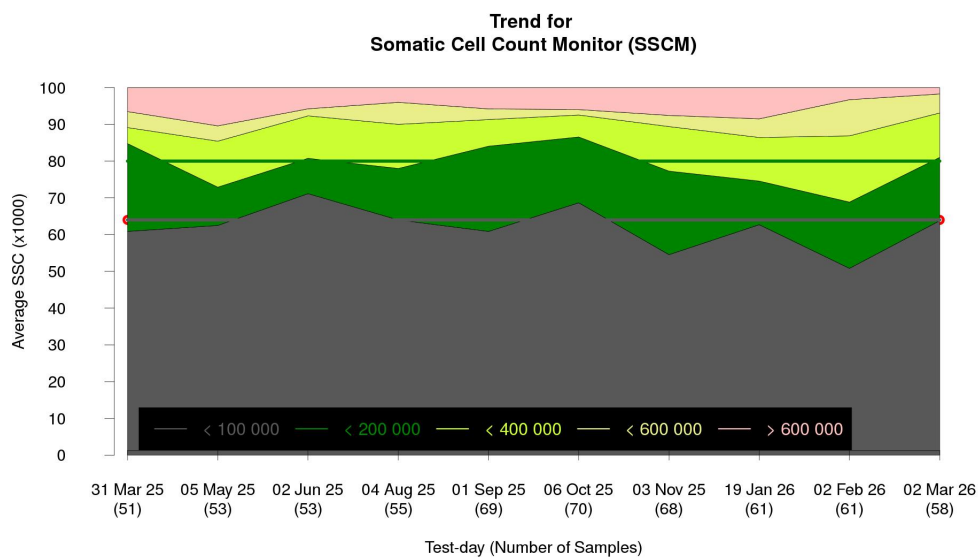


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

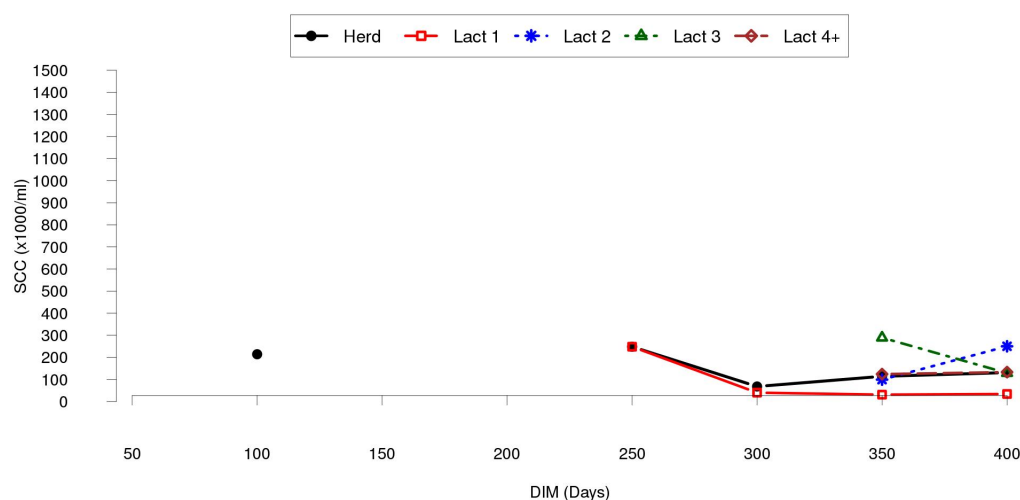


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

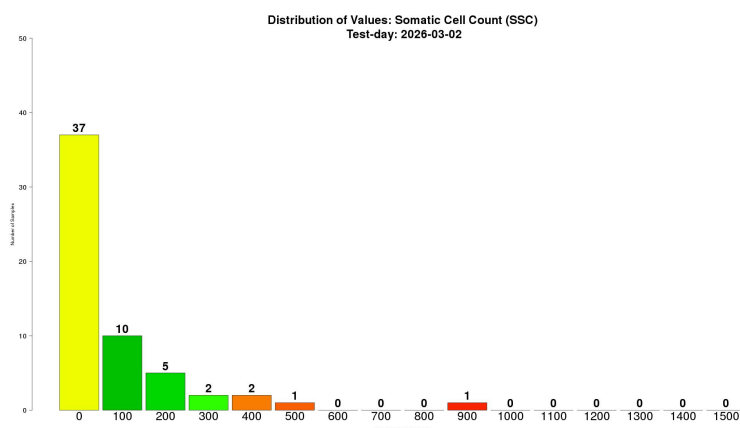


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-03-02)

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 2026-03-02

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	37	10	9	1	1	0
% Cows	63.8 %	17.2 %	15.5 %	1.7 %	1.7 %	0.0 %
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 2026-03-02 for the herd, was 125 000. This figure places the herd in the "Light Green" SCC Zone and the milk quality is Very Good. Milk loss due to SCC is between 2 and 4 %.

Udder Health: You do not have a major mastitis problem but there may be problems with individual cows. Assess your mastitis control procedures.

Table 8: Cows Under Pressure (SCC > 500k and Lactose % < 4.6)

Cow ID	Name	SCC	Lactose %	DIM	Parity	Production
PB045	BERLIN	583	4.20	344	3	16

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 2026-03-02	SCC 2026-02-02	SCC 2026-01-19	Production	DIM	Parity	Status
PC020	CARBY	941	181	392	28	937	2	R
PB045	BERLIN	583	224	996	16	344	3	CR
PG023	GANJA	489	315	637	14	247	1	C
PC051	COCONUT	466	3055	647	21	526	3	C
PC050	CARRA	387	309	458	31	60	3	C
PA002	ANEL	371	522	368	5	409	5	CR
PD007	DINAH	278	414	172	18	397	3	R
PB005	BETTY	276	316	169	25	269	5	N
PE044	EDGE	248	403	541	20	321	2	CR
PE014	EMA	237	41	36	15	620	2	N
PC014	CARNEY	230	182	-	7	963	3	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
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Table 11: Possible Acidosis Cases (Protein % > Butterfat %)

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
PF016	FLINK	13	572	1	1.25
PA007	AVON	16	359	6	1.18
PF033	FONKIES	24	419	1	1.15
PC013	CARLA	14	616	3	1.15
PF014	FREEZ	17	302	1	1.12
PD031	DIMPO	21	292	2	1.11
PD016	DIPSY	17	897	2	1.11
PG014	GRANITE	13	312	1	1.11
PC021	CANNY	25	946	3	1.10
PE014	EMA	15	620	2	1.09
PG024	GENESIS	15	263	1	1.07
PE044	EDGE	20	321	2	1.07
PD032	DAVID	12	439	1	1.06
PC035	CHELSEA	17	827	3	1.05
PB002	BELINDA	29	994	3	1.05
PE005	ERICA	27	419	2	1.05
PF018	FEBS	17	559	1	1.03
PZ005	ZETA	18	346	7	1.03
PG006	GERALDO	15	312	1	1.02
PG002	GUGU	15	257	1	1.02
PF021	FLIPPY	13	273	1	1.01
PC018	CRISTY	19	684	3	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
ZAJG190003	CANDY	HST	377	377	1	1156	834
PD033	DRE	HST	-	-	-	930	275
PC016	CHAROL	HST	447	405	3	477	247
ZAJG220013	FREDA	HST	-	-	-	626	148
ZAJG180018	BRUTUS	HST	568	508	3	355	121
ZAJG180025	BREEZ	HST	672	664	2	394	89
ZAJG210012	EDWIN	HST	370	370	1	528	85
PZ036	ZAKUMI	HST	746	582	4	410	85
ZAJG210008	ELLIS	HST	-	-	-	766	78
PD017	DUDU	HST	886	886	1	336	75

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	1156	-
PB002	BELINDA	HST	522	444	2	1000	29
PC014	CARNEY	HST	349	302	2	969	7
PC021	CANNY	HST	377	362	2	952	25
PC020	CARBY	HST	604	604	1	943	28
PD033	DRE	HST	-	-	-	930	-
ZAJG200008	DIPSY	HST	438	438	1	903	17
ZAJG190018	CHELSEA	HST	324	343	2	833	17
ZAJG160016	ZOLANI	HST	500	466	4	822	27
PY05	YIELD	HST	542	441	5	780	-
PC023	CYREL	HST	550	439	2	779	28
ZAJG210008	ELLIS	HST	-	-	-	766	-
PB019	BONNY	HST	390	406	2	736	18
PC018	CRISTY	HST	594	480	2	690	19
ZAJG190023	COX	HST	339	424	2	688	-
ZAJG220009	FELIX	HST	-	-	-	682	22
ZAJG170012	AVANGER	HST	448	448	4	679	15
ZAJG180016	BRICS	HST	396	368	3	679	19
PD035	DON	HST	340	340	1	641	18
PC024	CAMRY	HST	352	442	2	629	-
ZAJG220013	FREDA	HST	-	-	-	626	-
ZAJG210006	EMA	HST	-	-	-	626	15
ZAJG190008	CARLA	HST	452	525	2	622	14
PY015	YES PY 015	HST	986	656	4	612	25
ZAJG208010	BOLIVIA	HST	477	533	2	580	-
ZAJG220016	FLINK	HST	-	-	-	578	13
PF022	FLOWERS	HST	-	-	-	574	-
ZAJG220018	FEBS	HST	-	-	-	565	17
PC002	CANDICE	HST	394	524	2	560	-
ZAJG190019	CANON	HST	459	491	2	553	-
ZAJG190027	COCONUT	HST	433	501	2	532	21
ZAJG210012	EDWIN	HST	370	370	1	528	-
ZAJG170051	AMANDA	HST	511	436	4	528	20
ZAJG220027	FIX	HST	-	-	-	511	12
ZAJG190020	CHINA	HST	348	381	3	485	13
PC016	CHAROL	HST	447	405	3	477	-
ZAJG230032	DAVID	HST	-	-	-	445	12
ZAJG210003	ERICA	HST	491	491	1	425	27
PF033	FONKIES	HST	-	-	-	425	24
PE064	EBONY	HST	-	-	-	421	-
ZAJG170002	ANEL	HST	924	539	4	415	5
PZ036	ZAKUMI	HST	746	582	4	410	-
ZAJG200004	DINAH	HST	457	482	2	403	18