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SA STAMBOEK
STUD BOOK

Logix Melk/Milk

Kudde Gesondheids Verslag / Herd Health Report

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Test-day: 2026-01-14

Jersey Cows

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HERD HEALTH SUMMARY REPORT

REID - Jersey Cows

Table 1: Summary for Test-day 2026-01-14 (Number of Samples Tested: 72)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 19.5 Median: 19.6		
Butterfat (%)	Avg.: 4.94 Median: 4.80	3.5 % - 6.0 %	Too Low: 0 % Too High: 6 %
Protein (%)	Avg.: 3.99 Median: 3.97	3.0 % - 4.5 %	Too Low: 0 % Too High: 12 %
Lactose (%)	Avg.: 4.61 Median: 4.66	> 4.7 %	Too Low: 53 %
MUN (mg/dl)	Avg.: 16.88 Median: 17.00	8 - 16 mg/dl	Too Low: 1 % Too High: 56 %
SCC (x1000/ml)	Avg.: 750 Median: 140 % < 100 : 43.1 % % < 200 : 62.5 % % < 500 : 77.8 % % > 750 : 20.8 % % > 1 000 : 19.4 % % > 1 500 : 15.3 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 20.9 % Too High: 12.5 % Too High: 14.2 % Too High: 16.0 % Too High: 18.4 % Too High: 15.3 %
Butterfat Protein ratio	Average: 1.2	> 1.0	Too High: 1.4 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2026-01-14

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	135.7 (9.7 %)	1st Lact Cows:	257/40 (7)
DIM (kg per day):	271.4 (19.3 %)	2nd Lact Cows:	225/60 (13)
No. of Cows Under Pressure:	10 (13.9 %)	3rd Lact Cows:	489/115 (20)
No. Cows with SCC > 200k:	27 (37.5 %)	4th Lact Cows:	502/180 (10)
No. Cows with SCC > 750k:	15 (20.8 %)	5th Lact Cows:	1410/290 (5)
No. New Infections:	15 (20.8 %)	6+ Lact Cows:	1614/260 (17)
No. Recurring Infections:	5 (6.9 %)	Avg. SCC for SCC > 750k (n):	3091 (15)
Cure Rate for SCC > 200k:	25.0 % (9)	Avg. Days In Milk (DIM) for Herd:	226
Cure Rate for SCC > 750k:	40.0 % (4)	Median of DIM for Herd:	233
No. Chronic Infections (SCC > 200k):	8 (11.1 %)	Avg. DIM for SCC < 200k (n):	228 (45)
No. Chronic Infections (SCC > 750k):	0 (0.0 %)	Avg. DIM for SCC > 200k and < 750k (n):	337 (12)
No. of Possible Ketosis Cases:	3	Avg. DIM for SCC > 750k (n):	134 (15)
No. of Possible Acidosis Cases:	1	Avg. Parity for Herd:	4
Avg. Age at First Calf (Months):	24	Avg. Parity for SCC < 200k:	3
Avg. Inter-Calf Period (Days):	454	Avg. Parity for SCC > 200k and < 750k:	5
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 Jersey Cows

	Milk Production (kg)	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)
Herd	19.5	4.94	3.99	4.61	750	16.88
Top 25%	27.0	5.48	3.95	4.77	31	15.10
Breed Avg	22.7	4.97	3.69	4.61	261	12.00
Bottom 25%	18.1	4.46	3.41	4.48	196	9.00

*** 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 72 Jersey Cows

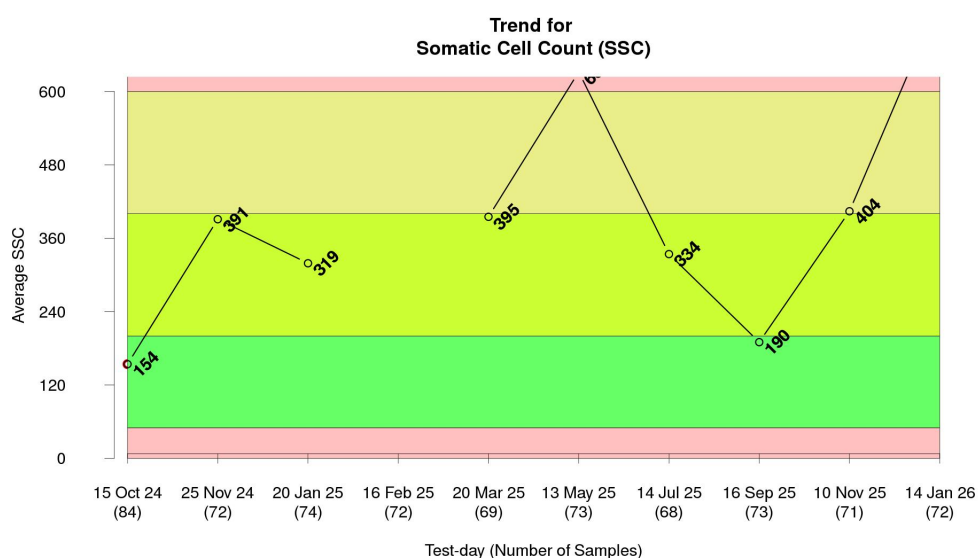
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	9.7% (7)	1.4% (1)	2.8% (2)	5.6% (4)	1.4% (1)	1.4% (1)
2	18.1% (13)	5.6% (4)	5.6% (4)	6.9% (5)	2.8% (2)	2.8% (2)
3	27.8% (20)	4.2% (3)	5.6% (4)	18.1% (13)	9.7% (7)	4.2% (3)
4	13.9% (10)	2.8% (2)	4.2% (3)	6.9% (5)	6.9% (5)	2.8% (2)
5	6.9% (5)	1.4% (1)	2.8% (2)	2.8% (2)	4.2% (3)	2.8% (2)
6+	23.6% (17)	6.9% (5)	2.8% (2)	13.9% (10)	12.5% (9)	6.9% (5)
Herd	100% (72)	22.3% (16)	23.8% (17)	54.2% (39)	37.5% (27)	20.9% (15)

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 72 Jersey Cows

Lactation Group	Early Lactation		Mid Lactation		Late Lactation	
	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k
1	100.0% (1)	100.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
2	0.0% (0)	0.0% (0)	50.0% (2)	50.0% (2)	0.0% (0)	0.0% (0)
3	33.3% (1)	33.3% (1)	25.0% (1)	0.0% (0)	38.5% (5)	15.4% (2)
4	50.0% (1)	50.0% (1)	33.3% (1)	33.3% (1)	60.0% (3)	0.0% (0)
5	100.0% (1)	100.0% (1)	0.0% (0)	0.0% (0)	100.0% (2)	50.0% (1)
6+	80.0% (4)	60.0% (3)	50.0% (1)	50.0% (1)	40.0% (4)	10.0% (1)

Table 6: Bulk Tank Results for 2026-01-14 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	4.82	3.91	4.67	668	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.

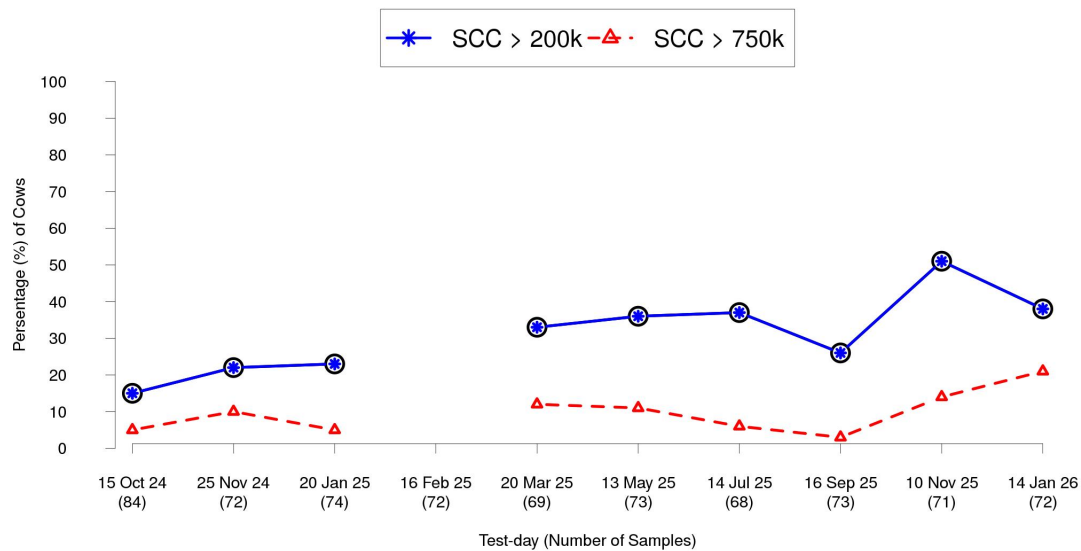


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

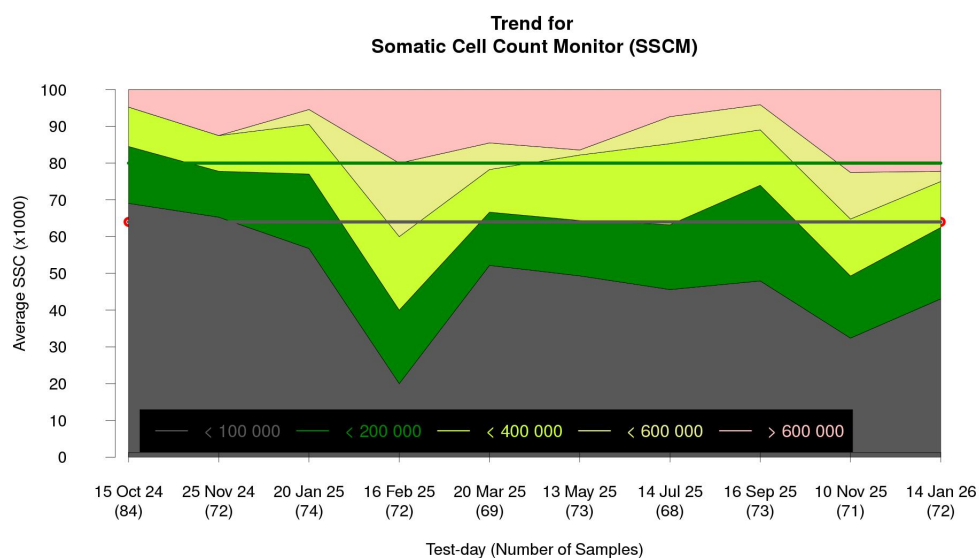


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

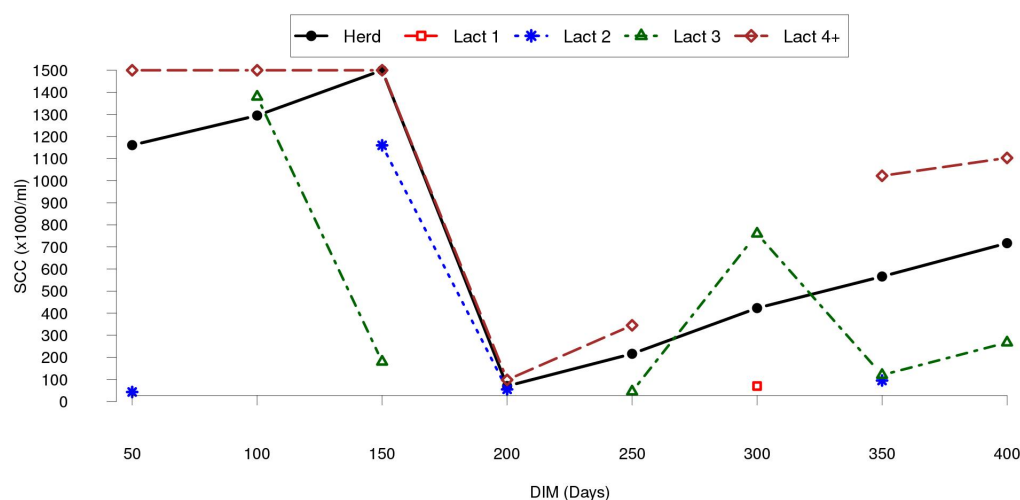


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

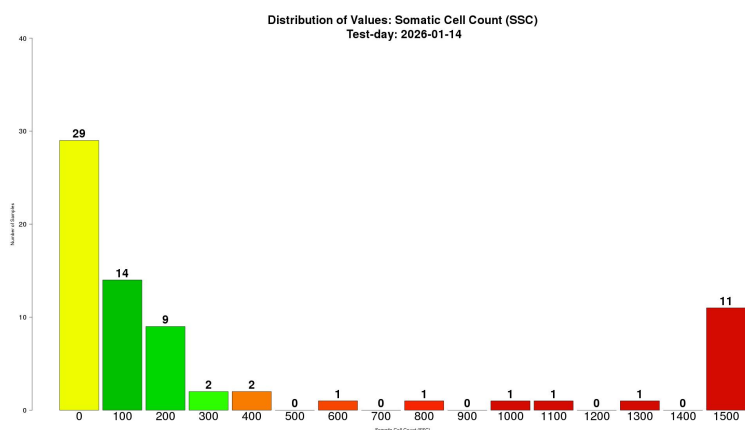


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2026-01-14)

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 2026-01-14

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	29	14	13	1	4	11
% Cows	40.3 %	19.4 %	18.1 %	1.4 %	5.6 %	15.3 %
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 2026-01-14 for the herd, was 750 000. This figure places the herd in the "Orange" SCC Zone and the milk quality is Poor. Milk loss due to SCC is between 8 and 10 %.

Udder Health: Mastitis infections are evident and needs slight improvement. Your mastitis control program needs improvement. Consult your veterinarian and/or registered animal scientist for assistance. Due to high somatic cell counts, your ability to supply milk is at risk.

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

Cow ID	Name	SCC	Lactose %	DIM	Parity	Production
1418	HEK 1	9999	4.22	107	7	16.8
1651	PUTT 7	6390	4.22	415	6	11.8
1813	ASH 3	4440	3.81	333	5	16.4
1921	OVI 12	3960	4.58	100	3	23.4
1754	HUSK 6	3230	3.43	12	6	8.2
2048	VIOLA 82	2670	4.13	269	3	16.2
1830	ASH 6	2160	4.38	17	5	14.4
1410	HOLM 2	1690	4.27	9	9	20
2330	SILO 247	1300	3.85	109	2	5.2
1825	HYKA 10	670	4.44	214	6	17

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 2026-01-14	SCC 2025-11-10	SCC 2025-09-16	Production	DIM	Parity	Status
1418	HEK 1	9999	620	-	16.8	107	7	N
1651	PUTT 7	6390	950	75	11.8	415	6	R
1813	ASH 3	4440	470	35	16.4	333	5	R
1921	OVI 12	3960	400	-	23.4	100	3	N
1617	LARIO 3	3340	-	570	30.6	72	8	N
1754	HUSK 6	3230	-	657	8.2	12	6	N
2056	AMY 90	2730	-	338	21.2	32	4	N
2048	VIOLA 82	2670	330	152	16.2	269	3	R
1830	ASH 6	2160	-	-	14.4	17	5	N
1410	HOLM 2	1690	-	-	20	9	9	N
2410	MAXY 297	1510	-	-	16	16	1	N
2330	SILO 247	1300	70	46	5.2	109	2	N
1949	HYKA 17	1120	20	-	21.6	112	4	N
2256	PUTT 210	1020	2640	-	22	120	2	N
2134	GLOSS 122	800	490	471	17.4	284	3	C
1825	HYKA 10	670	580	441	17	214	6	C
1951	ROMA 8	460	700	-	24.8	112	3	N
2042	PUTT 76	430	720	315	9.2	509	3	C
2017	XF 1 ROMA 51	310	630	403	5.6	667	3	CR
1914	HYKA 14	310	350	301	14.4	411	4	C
1919	HYKA 15	290	140	174	27	208	5	N
1957	ROMA 11	280	520	341	20	362	4	C
1704	LUPIN 6	270	-	-	27	54	7	N
1519	DOT 5	270	2010	2125	18	243	8	C
1510	ZEN 17	260	820	151	15.2	337	8	R
1847	VIOLA 4	240	460	131	10.8	606	4	N
2109	ROMA 99	210	1440	225	13.6	322	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
1754	HUSK 6	8.2	12	6	0.54	JSE
1410	HOLM 2	20	9	9	0.59	JSE
2123	DASH 111	29	39	2	0.65	JSE

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

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
2352	LIVY 269	22	177	1	1.01

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
1403	ZEN 8	JSE	424	425	6	1038	464
1701	PUTT 10	JSE	402	848	2	899	428
NEU 150033	DOT 9	JSE	351	439	5	751	387
NEU 220023	PUTT 177	JSE	-	-	-	656	331
NEU 200028	OVI 62	JSE	459	418	2	605	304
2145	DASH 133	JSE	487	487	1	362	304
2323	JOJO 240	JSE	-	-	-	540	272
NEU 170046	NOOK 12	JSE	425	831	2	669	272
1414	ZEN 10	JSE	477	412	7	608	272
NEU 130004	MAYO 3	JSE	580	503	7	514	218
2027	PUTT 61	JSE	364	434	2	553	218
NEU 130022	ZEN 4	JSE	453	523	6	658	218
1967	ROMA 18	JSE	464	508	2	519	218

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
2123	DASH 111	JSE	-	-	-	1104	29
1403	ZEN 8	JSE	424	425	6	1038	-
1921	OVI 12	JSE	763	763	1	999	23.4
1701	PUTT 10	JSE	402	848	2	899	-
NEU 140018	HEK 1	JSE	937	656	4	775	16.8
NEU 150033	DOT 9	JSE	351	439	5	751	-
2017	XF 1 ROMA 51	JSE	-	-	-	671	5.6
1643	PUTT 4	JSE	579	677	3	669	-
NEU 170046	NOOK 12	JSE	425	831	2	669	-
NEU 130022	ZEN 4	JSE	453	523	6	658	-
NEU 220023	PUTT 177	JSE	-	-	-	656	-
1830	ASH 6	JSE	434	446	3	636	14.4
NEU 190038	MIST 4	JSE	392	383	3	624	-
NEU 130024	ZEN 6	JSE	469	441	7	618	11.6
NEU 170054	HUSK 6	JSE	395	445	4	611	8.2
1847	VIOLA 4	JSE	786	680	2	609	10.8
1414	ZEN 10	JSE	477	412	7	608	-
NEU 200028	OVI 62	JSE	459	418	2	605	-
1410	HOLM 2	JSE	459	483	6	586	20
2256	PUTT 210	JSE	-	-	-	582	22
1617	LARIO 3	JSE	481	564	4	572	30.6
1944	CILA 8	JSE	377	380	3	567	23.4
2027	PUTT 61	JSE	364	434	2	553	-
1704	LUPIN 6	JSE	491	413	5	551	27
2323	JOJO 240	JSE	-	-	-	540	-
NEU 190042	ROMA 4	JSE	369	392	3	532	-
1951	ROMA 8	JSE	573	573	1	523	24.8
NEU 190049	HYKA 17	JSE	390	563	2	522	21.6
1967	ROMA 18	JSE	464	508	2	519	-
2139	SOON 127	JSE	408	408	1	516	18
NEU 130004	MAYO 3	JSE	580	503	7	514	-
2042	PUTT 76	JSE	395	397	2	513	9.2
1948	HULA 1	JSE	386	384	3	510	-
1808	CADDY 17	JSE	551	560	3	508	20.4
2239	OBAN 193	JSE	-	-	-	503	20.4
2163	NESS 151	JSE	356	356	1	502	27
NEU 210060	NESS 148	JSE	399	399	1	466	32
NEU 230003	JOJO 220	JSE	-	-	-	438	-
2018	SONY 52	JSE	421	498	2	436	19.4
NEU 230013	LUPIN 230	JSE	-	-	-	431	31.6
NEU 230026	SILO 243	JSE	-	-	-	424	-
NEU 200056	AMY 90	JSE	362	381	2	419	21.2
1651	PUTT 7	JSE	423	443	5	419	11.8
NEU 190014	HYKA 14	JSE	550	550	1	415	14.4
NEU 230012	LUPIN 229	JSE	-	-	-	414	24.4
2201	CHARM 155	JSE	439	439	1	413	-
2332	SILO 249	JSE	-	-	-	409	-
NEU 230033	SILO 250	JSE	-	-	-	405	17.6