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STUD BOOK

Logix Melk/Milk

Kudde Gesondheids Verslag / Herd Health Report

GLYNTON JERSEYS

T/A INDUMENI FARMS CC

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Test-day: 2025-05-12

Jersey Cows

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HERD HEALTH SUMMARY REPORT

GLYNTON JERSEYS - Jersey Cows

Table 1: Summary for Test-day 2025-05-12 (Number of Samples Tested: 203)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 13.6 Median: 13.6		
Butterfat (%)	Avg.: 5.84 Median: 5.80	3.5 % - 6.0 %	Too Low: 0 % Too High: 40 %
Protein (%)	Avg.: 4.31 Median: 4.29	3.0 % - 4.5 %	Too Low: 0 % Too High: 32 %
Lactose (%)	Avg.: 4.52 Median: 4.52	> 4.7 %	Too Low: 85 %
MUN (mg/dl)	Avg.: 17.16 Median: 17.20	8 - 16 mg/dl	Too Low: 0 % Too High: 66 %
SCC (x1000/ml)	Avg.: 292 Median: 87 % < 100 : 54.7 % % < 200 : 75.9 % % < 500 : 92.1 % % > 750 : 5.4 % % > 1 000 : 3.9 % % > 1 500 : 3.0 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 9.3 % Too High: 0 % Too High: 0 % Too High: 0.6 % Too High: 2.9 % Too High: 3.0 %
Butterfat Protein ratio	Average: 1.4	> 1.0	Too High: 0.0 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2025-05-12

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	147.2 (5.3 %)	1st Lact Cows:	250/89 (161)
DIM (kg per day):	239.3 (8.7 %)	2nd Lact Cows:	469/72 (39)
		3rd Lact Cows:	257/178 (3)
No. of Cows Under Pressure:	13 (6.4 %)	4th Lact Cows:	0/ (0)
No. Cows with SCC > 200k:	49 (24.1 %)	5th Lact Cows:	0/ (0)
No. Cows with SCC > 750k:	11 (5.4 %)	6+ Lact Cows:	0/ (0)
No. New Infections:	36 (17.7 %)		
No. Recurring Infections:	6 (3.0 %)	Avg. SCC for SCC > 750k (n):	3008 (11)
Cure Rate for SCC > 200k:	28.1 % (9)		
Cure Rate for SCC > 750k:	50.0 % (4)	Avg. Days In Milk (DIM) for Herd:	194
No. Chronic Infections (SCC > 200k):	7 (3.4 %)	Median of DIM for Herd:	203
No. Chronic Infections (SCC > 750k):	0 (0.0 %)		
		Avg. DIM for SCC < 200k (n):	203 (154)
No. of Possible Ketosis Cases:	9	Avg. DIM for SCC > 200k and < 750k (n):	178 (38)
No. of Possible Acidosis Cases:	0	Avg. DIM for SCC > 750k (n):	119 (11)
Avg. Age at First Calf (Months):	26	Avg. Parity for Herd:	1
Avg. Inter-Calf Period (Days):	395	Avg. Parity for SCC < 200k:	1
No. Flushings:	NA	Avg. Parity for SCC > 200k and < 750k:	1
No. Embrios:	NA	Avg. Parity for SCC > 750k:	1

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	13.6	5.84	4.31	4.52	292	17.16
Top 25%	24.7	6.24	4.50	4.70	46	18.40
Breed Avg	20.1	5.52	4.17	4.50	296	14.43
Bottom 25%	14.6	4.88	3.85	4.34	239	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 203 Jersey Cows

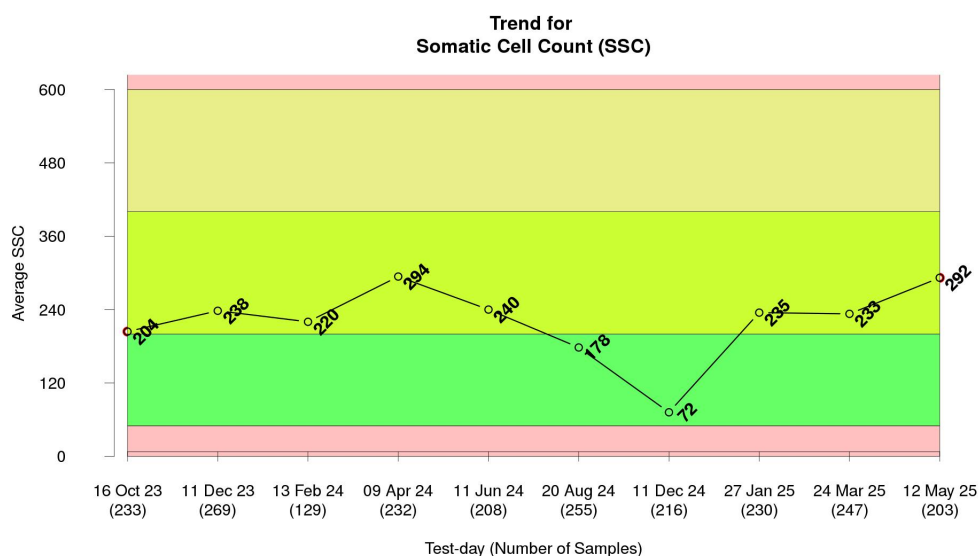
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	79.3% (161)	17.7% (36)	22.7% (46)	38.9% (79)	19.2% (39)	3.4% (7)
2	19.2% (39)	2.5% (5)	4.9% (10)	11.8% (24)	4.4% (9)	2.0% (4)
3	1.5% (3)	1.0% (2)	0.0% (0)	0.5% (1)	0.5% (1)	0.0% (0)
4	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
5	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
6+	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Herd	100% (203)	21.2% (43)	27.6% (56)	51.2% (104)	24.1% (49)	5.4% (11)

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 203 Jersey Cows

Lactation Group	Early Lactation		Mid Lactation		Late Lactation	
	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k
1	38.9% (14)	13.9% (5)	21.7% (10)	4.3% (2)	19.0% (15)	0.0% (0)
2	20.0% (1)	0.0% (0)	30.0% (3)	20.0% (2)	20.8% (5)	8.3% (2)
3	50.0% (1)	0.0% (0)	0% (0)	0% (0)	0.0% (0)	0.0% (0)
4	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
5	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
6+	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)

Table 6: Bulk Tank Results for 2025-05-12 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	5.76	4.28	4.53	281	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.

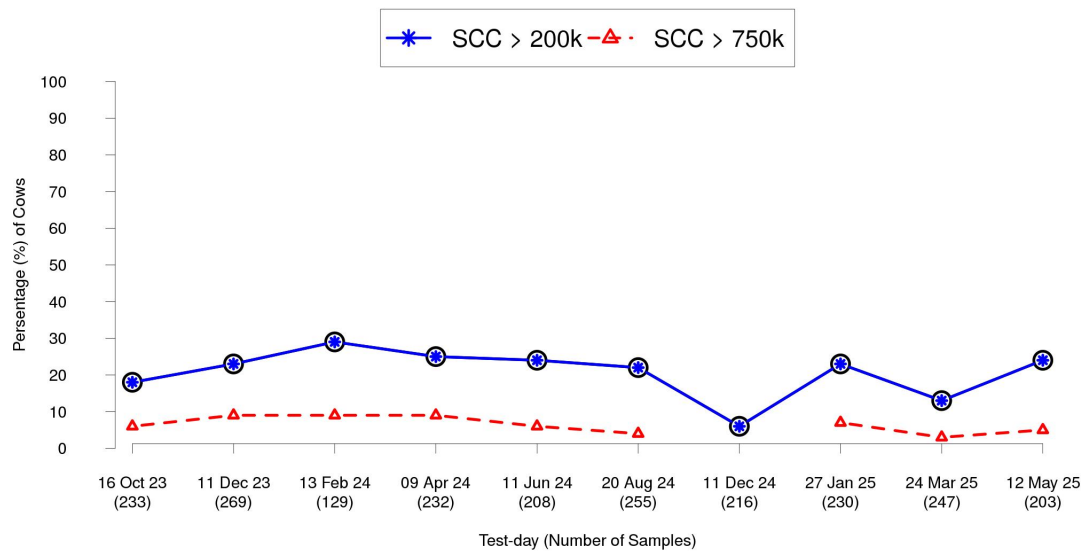


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

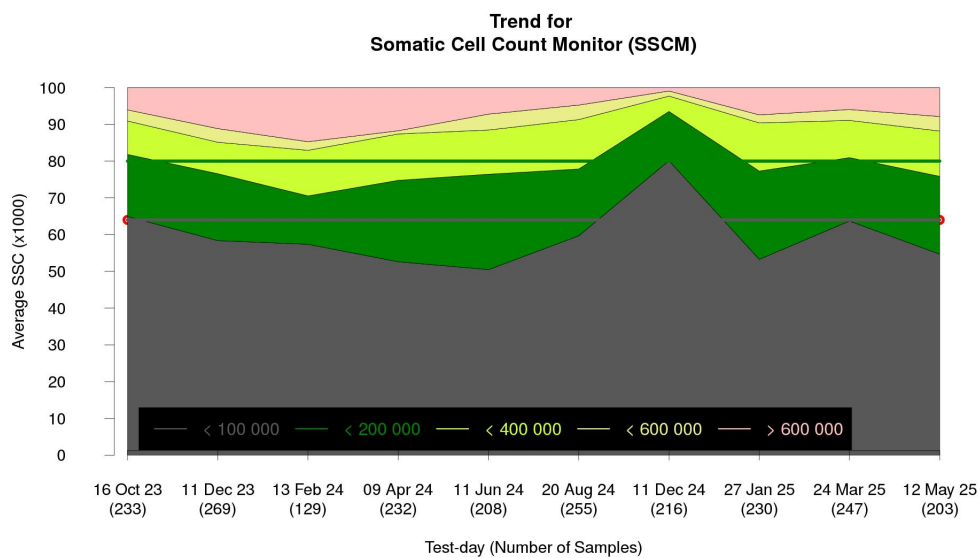


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

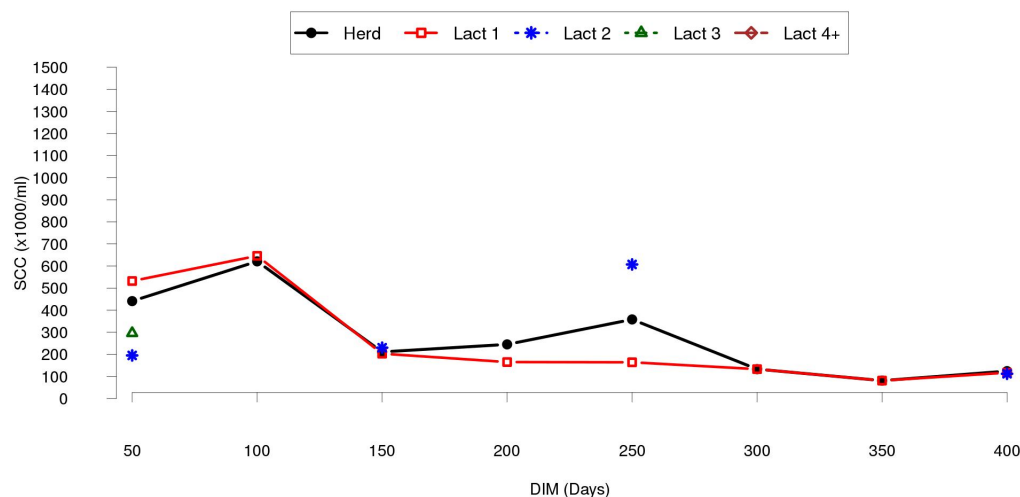


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

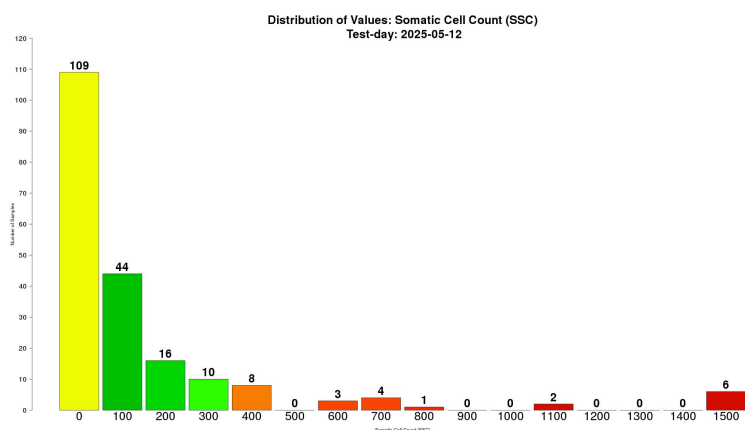


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2025-05-12)

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 2025-05-12

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	109	44	34	7	3	6
% Cows	53.7 %	21.7 %	16.7 %	3.4 %	1.5 %	3.0 %
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 2025-05-12 for the herd, was 292 000. 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
21491	JACKY GISLEV 522	8971	4.13	215	2	13.5
23041	PETRO HIGG 192	8852	4.15	77	1	12.7
21849	NOEL LUCAN 097	4901	4.53	33	1	13
21253	SNOWQUEEN KINGSTON 204	2333	4.48	173	2	11.6
22568	PENNELOPE LAWSON 765	1793	4.05	117	1	11.8
23644	JACKY PRETENDERS 491	1595	4.16	88	1	7.6
21421	WILMA GISLEV 478	1173	4.45	127	2	16.8
21667	SNOWQUEEN ORIOLE 574	1122	3.73	211	2	4.4
22498	JEAN POPEYE 364	769	4.54	160	1	13.2
21270	PETRO JEM 370	737	4.38	244	2	11.7
22454	MOSS TROOPER 863	653	4.24	204	1	11.5
22127	WILMA LANDO 187	644	4.43	47	2	10.8
22484	ELFIN PARKER 539	604	4.58	194	1	16.4

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 2025-05-12	SCC 2025-03-24	SCC 2025-01-27	Production	DIM	Parity	Status
21491	JACKY GISLEV 522	8971	-	182	13.5	215	2	N
23041	PETRO HIGG 192	8852	95	-	12.7	77	1	N
21849	NOEL LUCAN 097	4901	-	-	13	33	1	N
21253	SNOWQUEEN KINGSTON 204	2333	403	28	11.6	173	2	N
22568	PENNELOPE LAWSON 765	1793	408	3529	11.8	117	1	C
23644	JACKY PRETENDERS 491	1595	420	-	7.6	88	1	N
21421	WILMA GISLEV 478	1173	249	130	16.8	127	2	N
21667	SNOWQUEEN ORIOLE 574	1122	-	185	4.4	211	2	N
22367	MIMAH SHAUN 291	801	-	-	20.1	41	1	N
23176	JEAN LAWSON 273	775	7458	-	12.7	71	1	N
22498	JEAN POPEYE 364	769	35	81	13.2	160	1	N
21270	PETRO JEM 370	737	874	1096	11.7	244	2	C
22680	IDA TROOPER 739	734	246	156	13.9	243	1	N
22454	MOSS TROOPER 863	653	100	288	11.5	204	1	R
22127	WILMA LANDO 187	644	-	-	10.8	47	2	N
22484	ELFIN PARKER 539	604	27	36	16.4	194	1	N
21176	LULU LUKE 101	498	-	93	22.1	21	3	N
21577	TWILIGHT LUKE 319	498	40	15	15.2	205	2	N
22605	MIMAH JOJO 550	492	957	351	10.9	277	1	C
23042	JACANA SPLASH 338	487	103	-	14	81	1	N
22441	SNOWQUEEN JOJO 473	459	831	1413	12.2	271	1	C
22492	SILVERLEAF SHAUN 763	454	-	415	14.3	210	1	N
22685	WILTED TROOPER 587	450	-	1255	11.7	177	1	N
21647	WILAMENA ORIOLE 133	432	-	928	17.5	120	2	N
22434	WILAMENA TROOPER 905	398	-	381	12.2	272	1	N
22729	PEARL JOJO 528	396	-	496	16.6	176	1	N
23005	FLORIA PRETENDERS 144	371	-	-	15.9	22	1	N
22813	DORIAN HIGG 492	364	-	-	8.8	28	1	N
22655	WILMA JOJO 736	360	214	1018	10.1	205	1	C
22661	IXIA COZY 340	351	-	519	13.8	113	1	N
22478	WILMA PARKER 608	326	-	-	16.9	61	1	N
21727	PET LANDO 498	323	582	703	13.3	206	2	C
22463	MIMAH COZY 607	322	61	-	17.2	273	1	N
23652	SOLATAIRE BAZZAR 732	305	-	-	4	83	1	N
23410	IXIA HENK 455	286	-	-	11.3	84	1	N
22807	ELSA HENK 916	277	223	280	14.6	131	1	C
22224	PETRO PARKER 280	261	-	438	14.7	300	1	N
23214	IXIA HENK 058	251	-	-	7.5	78	1	N
22468	LADIN PARKER 327	248	155	1581	11.6	208	1	R
22197	TRIXIE TROOPER 111	240	-	112	10.5	287	1	N
22750	MIMAH LAWSON 673	239	170	275	16.4	152	1	R
22814	NINA POPEYE 386	238	-	-	15.6	24	1	N
22395	LABEL POPEYE 115	228	175	304	11.1	308	1	R
22228	JACANA SHAUN 176	220	-	171	18.1	245	1	N
22631	WILAMENA TROOPER 281	217	84	227	15.6	209	1	R
22718	SNOWQUEEN JOJO 759	215	240	198	15.3	134	1	N
22738	LILIAN DOMINO 664	211	89	-	15.5	108	1	N
21599	PET LASTER 355	204	-	361	10.7	721	1	R
23301	WILMA HENK 296	201	-	-	15.9	49	1	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
23612	SPRING PRETENDERS 67	10.2	87	1	0.56	JSE
22127	WILMA LANDO 187	10.8	47	2	0.57	JSE
22325	JEAN JOJO 518	14.8	32	1	0.58	JSE
23623	IDA PRETENDERS 297	7	96	1	0.61	JSE
21178	LABEL ALVIN 012	17.7	89	2	0.66	JSE
22813	DORIAN HIGG 492	8.8	28	1	0.67	JSE
22774	SNOW LAWSON 677	14	52	1	0.67	JSE
22367	MIMAH SHAUN 291	20.1	41	1	0.68	JSE
23041	PETRO HIGG 192	12.7	77	1	0.68	JSE

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

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
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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
17895	GLYNTON MOSS 17116	JSE	583	588	2	1085	505
20641	DAZZLE HAMLET 110	JSE	357	357	1	597	449
16223	PETRO LEXICON 307	JSE	454	427	4	727	421
DG 170229	NOEL TARHEEL 163	JSE	458	428	4	519	414
12132	SOLATAIRE ZUMA 111	JSE	347	365	10	447	351
21169	LOUISE CRAZE 286	JSE	364	364	1	435	330
DG 200392	IXIA PRO 554	JSE	369	369	1	695	242
20671	NINA ALVIN 371	JSE	-	-	-	894	190
21154	MOSS WILL 898	JSE	361	361	1	487	169
20755	WILAMENA MERLIN 416	JSE	445	445	1	441	113
DG 180542	IDEA HALT 341	JSE	346	358	4	332	113
16191	IDA DRAPER 034	JSE	335	438	5	427	106
DG 210919	PETRO GISLEV 426	JSE	-	-	-	375	78
22161	LIESL TROOPER 239	JSE	-	-	-	355	64
22286	DORA SHAUN 323	JSE	-	-	-	349	64
21523	DAPHNE ALVIN 259	JSE	330	330	1	343	64
22122	PETRO DAVE 172	JSE	-	-	-	342	64
21733	LOUISE LANDO 482	JSE	-	-	-	404	64
21074	JACKY ALVIN 163	JSE	-	-	-	404	57
DG 210225	FADA GISLEV 169	JSE	358	358	1	332	57
DG 210875	WILTED ORIOLE 754	JSE	-	-	-	345	57
DG 210857	DORIAN LANDO 694	JSE	-	-	-	355	57
22175	JULIANA JOJO 319	JSE	-	-	-	339	57

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
17895	GLYNTON MOSS 17116	JSE	583	588	2	1085	-
20655	JACANA COTTAGE 756	JSE	-	-	-	910	10.1
20671	NINA ALVIN 371	JSE	-	-	-	894	-
DG 210599	PET LASTER 355	JSE	-	-	-	727	10.7
16223	PETRO LEXICON 307	JSE	454	427	4	727	-
DG 200392	IXIA PRO 554	JSE	369	369	1	695	-
21649	MOSS ORIOLE 194	JSE	-	-	-	631	15.3
20641	DAZZLE HAMLET 110	JSE	357	357	1	597	-
19765	PENNELOPE GARANT 362	JSE	352	344	2	586	-
DG 200665	MAGNOLIA ALVIN 060	JSE	392	392	1	557	-
DG 210609	WILAMENA LANDO 267	JSE	-	-	-	527	-
DG 200520	JASMINE WORLD CUP 339	JSE	507	507	1	525	13.8
DG 170229	NOEL TARHEEL 163	JSE	458	428	4	519	-
21154	MOSS WILL 898	JSE	361	361	1	487	-
16203	SILVER LINDT 228	JSE	333	347	6	484	-
21112	JACKY ALVIN 130	JSE	424	424	1	450	-
12132	SOLATAIRE ZUMA 111	JSE	347	365	10	447	-
20755	WILAMENA MERLIN 416	JSE	445	445	1	441	-
22113	WILAMENA POPEYE 338	JSE	-	-	-	440	-
21169	LOUISE CRAZE 286	JSE	364	364	1	435	-
16191	IDA DRAPER 034	JSE	335	438	5	427	-
21487	PETRO LANDO 406	JSE	-	-	-	427	-
20244	LIESL GARANT 120	JSE	372	371	2	414	-
21733	LOUISE LANDO 482	JSE	-	-	-	404	-
21074	JACKY ALVIN 163	JSE	-	-	-	404	-
21191	MIMAH GISLEV 296	JSE	330	330	1	403	9.8