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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: 2025-07-07

Jersey Cows

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HERD HEALTH SUMMARY REPORT

GLYNTON JERSEYS - Jersey Cows

Table 1: Summary for Test-day 2025-07-07 (Number of Samples Tested: 242)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 16.2 Median: 16.5		
Butterfat (%)	Avg.: 5.74 Median: 5.68	3.5 % - 6.0 %	Too Low: 0 % Too High: 35 %
Protein (%)	Avg.: 4.22 Median: 4.19	3.0 % - 4.5 %	Too Low: 0 % Too High: 29 %
Lactose (%)	Avg.: 4.58 Median: 4.61	> 4.7 %	Too Low: 69 %
MUN (mg/dl)	Avg.: 15.65 Median: 15.50	8 - 16 mg/dl	Too Low: 0 % Too High: 43 %
SCC (x1000/ml)	Avg.: 322 Median: 90 % < 100 : 54.5 % % < 200 : 75.6 % % < 500 : 90.5 % % > 750 : 6.2 % % > 1 000 : 4.5 % % > 1 500 : 3.3 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 9.5 % Too High: 0 % Too High: 1.5 % Too High: 1.4 % Too High: 3.5 % Too High: 3.3 %
Butterfat Protein ratio	Average: 1.4	> 1.0	Too High: 0.8 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2025-07-07

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	235.2 (6.0 %)	1st Lact Cows:	355/102 (160)
DIM (kg per day):	65.3 (1.7 %)	2nd Lact Cows:	255/72 (79)
No. of Cows Under Pressure:	18 (7.4 %)	3rd Lact Cows:	294/29 (3)
No. Cows with SCC > 200k:	59 (24.4 %)	4th Lact Cows:	0/ (0)
No. Cows with SCC > 750k:	15 (6.2 %)	5th Lact Cows:	0/ (0)
No. New Infections:	41 (16.9 %)	6+ Lact Cows:	0/ (0)
No. Recurring Infections:	10 (4.1 %)	Avg. SCC for SCC > 750k (n):	3196 (15)
Cure Rate for SCC > 200k:	36.7 % (18)	Avg. Days In Milk (DIM) for Herd:	173
Cure Rate for SCC > 750k:	63.6 % (7)	Median of DIM for Herd:	171
No. Chronic Infections (SCC > 200k):	8 (3.3 %)	Avg. DIM for SCC < 200k (n):	168 (183)
No. Chronic Infections (SCC > 750k):	1 (0.4 %)	Avg. DIM for SCC > 200k and < 750k (n):	203 (44)
No. of Possible Ketosis Cases:	17	Avg. DIM for SCC > 750k (n):	144 (15)
No. of Possible Acidosis Cases:	2	Avg. Parity for Herd:	1
Avg. Age at First Calf (Months):	26	Avg. Parity for SCC < 200k:	1
Avg. Inter-Calf Period (Days):	389	Avg. Parity for SCC > 200k and < 750k:	1
No. Flushings:	NA	Avg. Parity for SCC > 750k:	1
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	16.2	5.74	4.22	4.58	322	15.65
Top 25%	25.0	6.21	4.51	4.68	40	19.23
Breed Avg	20.7	5.53	4.19	4.48	257	14.96
Bottom 25%	15.9	4.92	3.87	4.37	207	10.60

*** 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 242 Jersey Cows

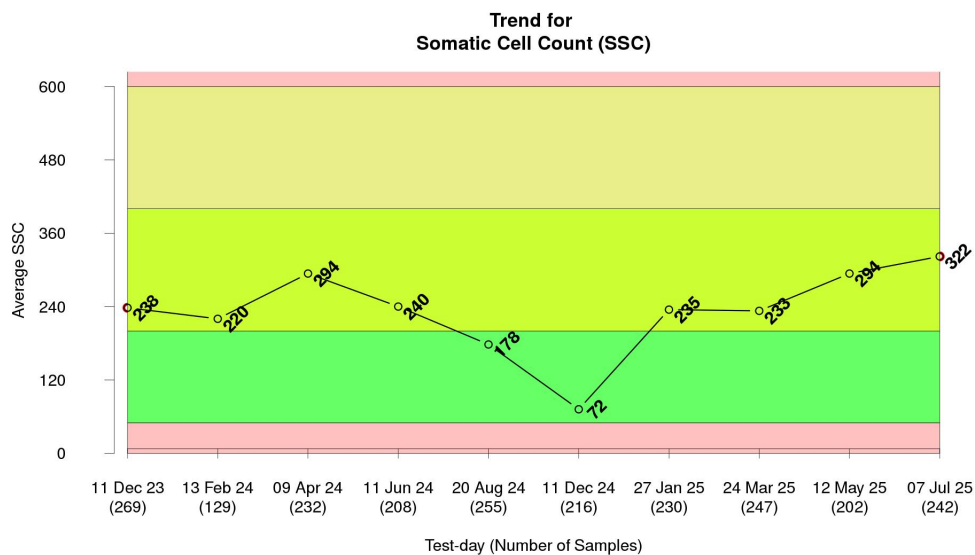
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	66.1% (160)	16.1% (39)	18.2% (44)	31.8% (77)	15.7% (38)	4.1% (10)
2	32.6% (79)	17.8% (43)	5.0% (12)	9.9% (24)	8.3% (20)	1.7% (4)
3	1.2% (3)	1.2% (3)	0.0% (0)	0.0% (0)	0.4% (1)	0.4% (1)
4	0.0% (0)	0.0% (0)	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	99.9% (242)	35.1% (85)	23.2% (56)	41.7% (101)	24.4% (59)	6.2% (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 242 Jersey Cows

Lactation Group	Early Lactation		Mid Lactation		Late Lactation	
	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k
1	20.5% (8)	10.3% (4)	22.7% (10)	6.8% (3)	26.0% (20)	3.9% (3)
2	18.6% (8)	4.7% (2)	50.0% (6)	0.0% (0)	25.0% (6)	8.3% (2)
3	33.3% (1)	33.3% (1)	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 2025-07-07 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	5.67	4.16	4.60	310	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.

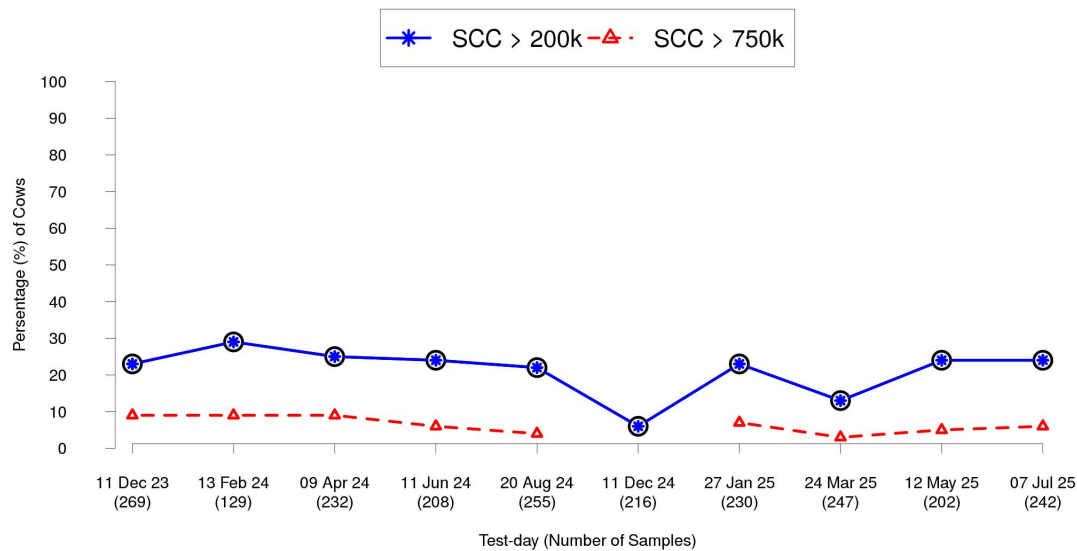


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

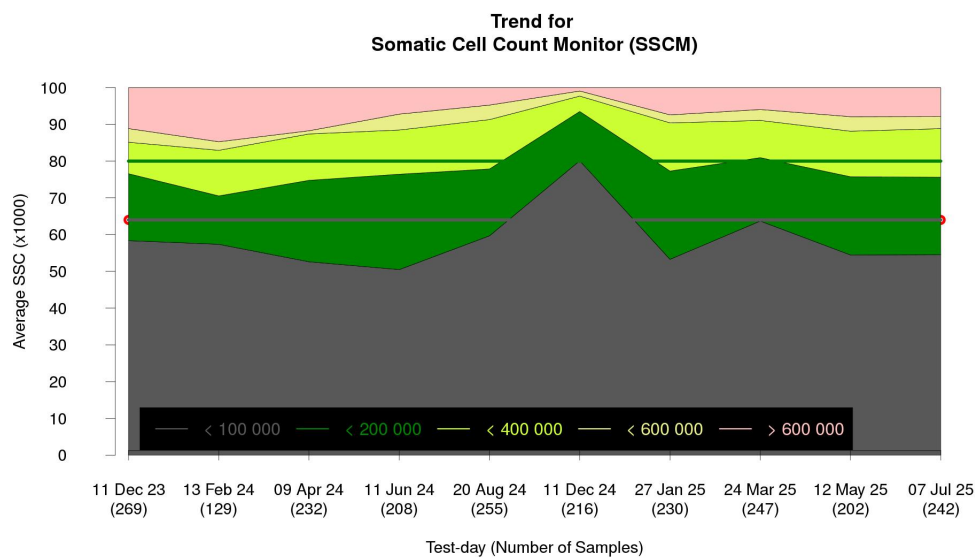


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

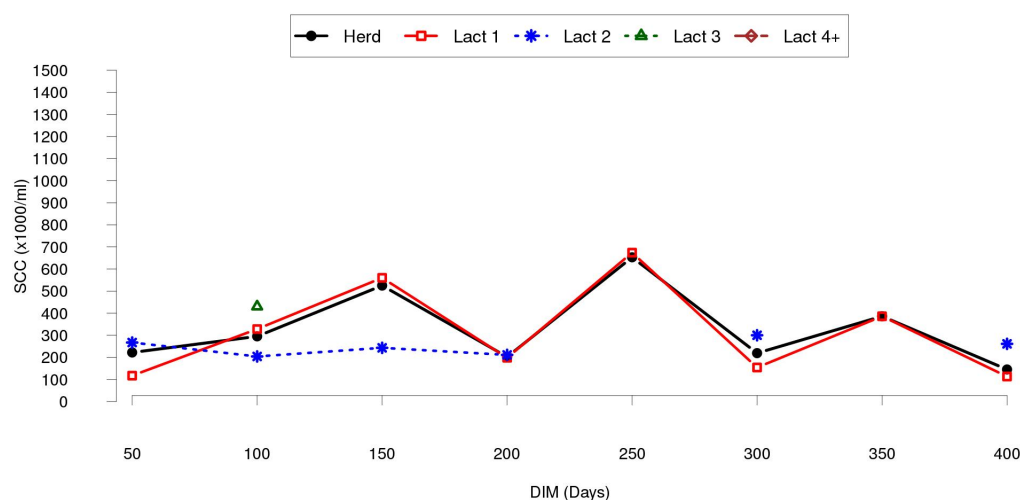


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

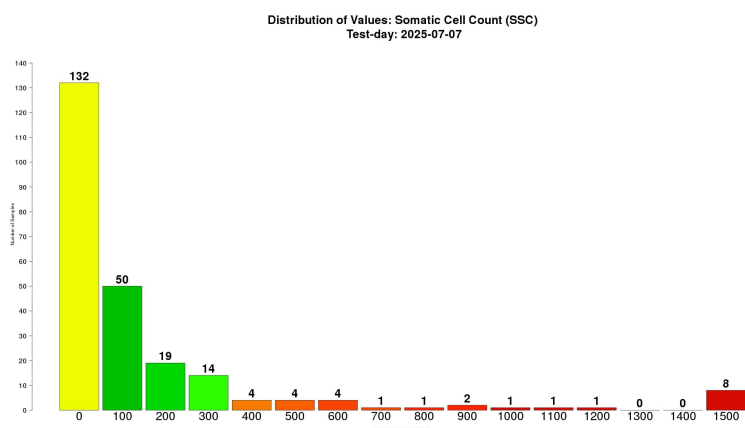


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2025-07-07)

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 2025-07-07

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	132	50	37	9	6	8
% Cows	54.5 %	20.7 %	15.3 %	3.7 %	2.5 %	3.3 %
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 2025-07-07 for the herd, was 322 000. 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
22566	TAHLITA HENK 437	9999	3.00	230	1	14.5
23176	JEAN LAWSON 273	9999	4.18	127	1	14.9
22723	IDILLIC LAWSON 908	5852	4.45	218	1	13.2
23012	LOBELLIA NICO 904	3779	4.40	56	1	19.2
22682	MIMAH GISLEV 022	2086	4.22	316	1	18.2
21727	PET LANDO 498	2085	4.47	262	2	13
21686	SNOWQUEEN LUKE 066	1757	4.56	262	2	15.4
22568	PENNELOPE LAWSON 765	1283	3.67	173	1	14.2
22122	PETRO DAVE 172	1098	4.52	57	2	16.7
22583	IDA DOMINO 915	945	4.29	87	1	16.4
23644	JACKY PRETENDERS 491	915	4.55	144	1	5.5
23137	WILAMENA HAMLET 307	770	4.07	61	1	15.8
21191	MIMAH GISLEV 296	691	3.00	453	2	9.9
22197	TRIXIE TROOPER 111	688	4.47	343	1	11.9
22383	MIMAH POPEYE 570	677	4.28	303	1	11.4
22127	WILMA LANDO 187	632	4.51	103	2	18.5
21693	IDEA HIWE 409	527	4.50	263	2	19.6
22774	SNOW LAWSON 677	509	4.55	108	1	15.3

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 2025-07-07	SCC 2025-05-12	SCC 2025-03-24	Production	DIM	Parity	Status
23176	JEAN LAWSON 273	9999	775	7458	14.9	127	1	C
22566	TAHLITA HENK 437	9999	-	-	14.5	230	1	N
22723	IDILLIC LAWSON 908	5852	-	2862	13.2	218	1	N
22198	WILMA POPEYE 561	5351	-	702	19	18	2	N
23012	LOBELLIA NICO 904	3779	-	-	19.2	56	1	N
22682	MIMAH GISLEV 022	2086	110	-	18.2	316	1	R
21727	PET LANDO 498	2085	323	582	13	262	2	C
21686	SNOWQUEEN LUKE 066	1757	75	103	15.4	262	2	R
22568	PENNELOPE LAWSON 765	1283	1793	408	14.2	173	1	C
23013	WILAMENA SHAUN 002	1190	31	-	16.6	75	1	N
22122	PETRO DAVE 172	1098	-	-	16.7	57	2	N
22583	IDA DOMINO 915	945	-	-	16.4	87	1	N
23644	JACKY PRETENDERS 491	915	1595	420	5.5	144	1	C
21176	LULU LUKE 101	830	498	-	21.7	77	3	N
23137	WILAMENA HAMLET 307	770	-	-	15.8	61	1	N
21191	MIMAH GISLEV 296	691	190	40	9.9	453	2	N
22197	TRIXIE TROOPER 111	688	240	-	11.9	343	1	N
22383	MIMAH POPEYE 570	677	122	369	11.4	303	1	R
22127	WILMA LANDO 187	632	644	-	18.5	103	2	N
22160	JASMINE POPEYE 527	559	-	-	21.9	79	2	N
21056	SILVER GISLEV 203	549	145	80	20.2	174	2	R
21693	IDEA HIWE 409	527	47	11	19.6	263	2	N
22774	SNOW LAWSON 677	509	178	-	15.3	108	1	N
22655	WILMA JOJO 736	467	360	214	11	261	1	C
23177	PETRO MIGHTY 481	448	-	-	20.8	50	1	N
22211	LOUISE PARKER 448	448	-	31	20.3	12	2	N
22738	LILIAN DOMINO 664	403	211	89	18	164	1	N
23652	SOLATAIRE BAZZAR 732	393	305	-	6.3	139	1	N
22498	JEAN POPEYE 364	388	769	35	16.6	216	1	N
22813	DORIAN HIGG 492	371	364	-	10.6	84	1	N
22708	WILMA LAWSON 633	343	84	77	16.8	172	1	N
22780	IDEA HENK 126	343	27	134	18.6	163	1	N
21421	WILMA GISLEV 478	334	1173	249	13.1	183	2	C
22807	ELSA HENK 916	331	277	223	15.8	187	1	C
21647	WILAMENA ORIOLE 133	320	432	-	18.4	176	2	N
22207	PETRO LANDO 204	320	-	159	21.8	16	2	N
22119	PETRO LANDO 077	312	180	25	14.7	327	1	N
23410	IXIA HENK 455	305	286	-	12.4	140	1	N
22492	SILVERLEAF SHAUN 763	305	454	-	16.6	266	1	N
21857	DORIAN LANDO 694	303	-	-	21.9	51	2	N
22508	PET SHAUN 591	302	52	-	12.6	270	1	N
22463	MIMAH COZY 607	277	322	61	17	329	1	N
22729	PEARL JOJO 528	276	396	-	18.9	232	1	N
22454	MOSS TROOPER 863	273	653	100	13	260	1	R
22631	WILAMENA TROOPER 281	271	217	84	16.2	265	1	R
22183	NOEL JOJO 098	269	190	-	18	266	1	N
21901	LOUDINE LANDO 493	266	72	59	16.3	285	2	R
23003	IXIA HIGG 048	265	-	-	19.3	75	1	N
22279	WILAMENA PARKER 269	261	-	-	0.2	7	2	N
21649	MOSS ORIOLE 194	261	70	67	13.6	681	1	R
21714	PETRO ORIOLE 782	255	29	70	10.9	182	2	N
23036	SOLATAIRE DANBURY 132	250	-	-	12.7	71	1	N
21919	PETRO GISLEV 426	240	-	-	22	56	2	N
22680	IDA TROOPER 739	231	734	246	18.1	299	1	C
22228	JACANA SHAUN 176	219	220	-	19.3	301	1	N
22750	MIMAH LAWSON 673	217	239	170	19.7	208	1	R
22014	MIMAH COZY 103	216	128	53	15.3	187	2	N
22396	SNOW TROOPER 322	214	59	58	17.8	274	1	R

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 2025-07-07	SCC 2025-05-12	SCC 2025-03-24	Production	DIM	Parity	Status
21491	JACKY GISLEV 522	206	8971	-	17.3	271	2	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
23011	JACANA SHAUN 055	20.7	70	1	0.52	JSE
22122	PETRO DAVE 172	16.7	57	2	0.55	JSE
21487	PETRO LANDO 406	25.1	26	2	0.57	JSE
22766	NOON LAWSON 697	17.7	54	1	0.59	JSE
23020	DAPHNE DANBURY 131	19.6	61	1	0.60	JSE
23003	IXIA HIGG 048	19.3	75	1	0.61	JSE
21609	WILAMENA LANDO 267	25.5	23	2	0.61	JSE
22583	IDA DOMINO 915	16.4	87	1	0.62	JSE
23161	JASMINE PARKER 527	19.7	60	1	0.63	JSE
22814	NINA POPEYE 386	15.8	80	1	0.63	JSE
22104	LULU POPEYE 768	27.6	20	2	0.63	JSE
22089	LADIN POPEYE 350	21.3	15	2	0.64	JSE
22286	DORA SHAUN 323	22.1	59	2	0.64	JSE
23137	WILAMENA HAMLET 307	15.8	61	1	0.66	JSE
22813	DORIAN HIGG 492	10.6	84	1	0.66	JSE
23036	SOLATAIRE DANBURY 132	12.7	71	1	0.67	JSE
23013	WILAMENA SHAUN 002	16.6	75	1	0.67	JSE

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

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
22566	TAHLITA HENK 437	14.5	230	1	1.20
23128	IXIA HENK 142	23.2	43	1	1.03

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	1141	560
DG 200641	DAZZLE HAMLET 110	JSE	357	357	1	653	504
DG 160223	PETRO LEXICON 307	JSE	454	427	4	783	476
17229	NOEL TARHEEL 163	JSE	458	428	4	575	469
DG 120132	SOLATAIRE ZUMA 111	JSE	347	365	10	503	406
21169	LOUISE CRAZE 286	JSE	364	364	1	491	385
22215	LIESL COZY TWO 135	JSE	-	-	-	348	91
DG 200609	DAPHNE HAMLET 216	JSE	364	357	2	338	91
DG 220049	JACANA COZY 277	JSE	-	-	-	386	91
22240	LADIN LUCAN 228	JSE	-	-	-	387	91
DG 220316	TRIXIE PARKER 308	JSE	-	-	-	371	91
DG 190571	PETRO QUINTANA 480	JSE	386	386	3	292	91
DG 190765	PENNELOPE GARANT 362	JSE	352	344	2	642	70
18706	PEARL CHANGE 414	JSE	352	343	4	361	70
DG 220624	IDA JOJO 477	JSE	-	-	-	343	70
DG 220702	MERCY LAWSON 594	JSE	-	-	-	339	70
22334	SNOWQUEEN POPEYE 241	JSE	-	-	-	368	70
22651	IXIA PARKER 284	JSE	-	-	-	335	63
DG 220317	PETULA COZY 297	JSE	-	-	-	368	63
DG 220306	SALETTE TROOPER 287	JSE	-	-	-	366	63
DG 220113	WILAMENA POPEYE 338	JSE	-	-	-	496	63
22411	WILAMENA SHAUN 237	JSE	-	-	-	336	63
DG 220050	DORIAN SHAUN 075	JSE	-	-	-	372	63
22309	LOUISE SHAUN 333	JSE	-	-	-	350	63
20551	IXIA HAMLET 372	JSE	363	360	2	383	63
22378	DAPHNE SHAUN 423	JSE	-	-	-	372	63
DG 220461	LOUDINE JOJO 645	JSE	-	-	-	339	63
DG 220124	JACKY LUCAN 019	JSE	-	-	-	361	63
22304	JASMINE TROOPER 358	JSE	-	-	-	357	63
DG 220373	IDA JOJO 371	JSE	-	-	-	343	63
22326	NOONLIGHT JOJO 346	JSE	-	-	-	358	63
DG 220441	SNOWQUEEN JOJO 473	JSE	-	-	-	333	56
22605	MIMAH JOJO 550	JSE	-	-	-	339	56
22386	MIMAH MIGHTY 748	JSE	-	-	-	362	56
22276	STAR ORIOLE 184	JSE	-	-	-	355	56
22192	JACANA ORIOLE 564	JSE	-	-	-	373	56
22173	SNOWQUEEN ORIOLE 183	JSE	-	-	-	346	56

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	1141	-
20655	JACANA COTTAGE 756	JSE	-	-	-	966	-
DG 160223	PETRO LEXICON 307	JSE	454	427	4	783	-
21599	PET LASTER 355	JSE	-	-	-	783	11.6
DG 210649	MOSS ORIOLE 194	JSE	-	-	-	687	13.6
DG 200641	DAZZLE HAMLET 110	JSE	357	357	1	653	-
DG 190765	PENNELOPE GARANT 362	JSE	352	344	2	642	-
20520	JASMINE WORLD CUP 339	JSE	507	507	1	581	14.7
17229	NOEL TARHEEL 163	JSE	458	428	4	575	-
DG 160203	SILVER LINDT 228	JSE	333	347	6	540	-
21112	JACKY ALVIN 130	JSE	424	424	1	506	-
DG 120132	SOLATAIRE ZUMA 111	JSE	347	365	10	503	-
DG 220113	WILAMENA POPEYE 338	JSE	-	-	-	496	-
21169	LOUISE CRAZE 286	JSE	364	364	1	491	-
21191	MIMAH GISLEV 296	JSE	330	330	1	459	9.9
DG 210830	PETRO LALUCIA 355	JSE	-	-	-	443	16.5
19219	WILAMENA WORLD 498	JSE	624	514	2	436	-
DG 170029	DAPHNE EUSEBIO 131	JSE	524	477	4	432	-
DG 200211	LABEL COTTAGE 056 ONE	JSE	378	378	1	431	-
DG 210256	PETULA LANDO 549	JSE	-	-	-	424	16.5
DG 220172	LIESL MIGHTY 193	JSE	-	-	-	402	-
DG 170462	NINA BUFFO 215	JSE	629	440	4	401	-