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Logix Melk/Milk

Kudde Gesondheids Verslag / Herd Health Report

VOORBERG GEVANGENIS

VOORBERG
PRIVATE BAG X2
PORTERVILLE
6810

debora.steyn@dcs.gov.za, hentie.vanwyk@dcs.gov.za

Test-day: 2025-10-06

Holstein Cows

LogixMilk Technical Advisor:
CHANELLE STEENEKAMP
072 836 4108
chanelle@studbook.co.za

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HERD HEALTH SUMMARY REPORT

VOORBERG GEVANGENIS - Holstein Cows

Table 1: Summary for Test-day 2025-10-06 (Number of Samples Tested: 67)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 17.8 Median: 17.0		
Butterfat (%)	Avg.: 3.07 Median: 3.00	3.5 % - 6.0 %	Too Low: 91 % Too High: 0 %
Protein (%)	Avg.: 3.31 Median: 3.22	3.0 % - 4.5 %	Too Low: 22 % Too High: 1 %
Lactose (%)	Avg.: 4.54 Median: 4.58	> 4.7 %	Too Low: 75 %
MUN (mg/dl)	Avg.: 9.31 Median: 9.35	8 - 16 mg/dl	Too Low: 33 % Too High: 0 %
SCC (x1000/ml)	Avg.: 131 Median: 45 % < 100 : 68.7 % % < 200 : 86.6 % % < 500 : 92.5 % % > 750 : 6.0 % % > 1 000 : 3.0 % % > 1 500 : 0.0 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 0 % Too High: 0 % Too High: 0 % Too High: 1.2 % Too High: 2.0 % Too High: 0.0 %
Butterfat Protein ratio	Average: 0.9	> 1.0	Too High: 85.1 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2025-10-06

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	35.8 (3.0 %)	1st Lact Cows:	104/28 (21)
DIM (kg per day):	663.9 (55.7 %)	2nd Lact Cows:	139/24 (13)
		3rd Lact Cows:	140/122 (18)
No. of Cows Under Pressure:	4 (6.0 %)	4th Lact Cows:	68/50 (6)
No. Cows with SCC > 200k:	9 (13.4 %)	5th Lact Cows:	256/118 (6)
No. Cows with SCC > 750k:	4 (6.0 %)	6+ Lact Cows:	101/30 (3)
No. New Infections:	4 (6.0 %)		
No. Recurring Infections:	1 (1.5 %)	Avg. SCC for SCC > 750k (n):	996 (4)
Cure Rate for SCC > 200k:	18.2 % (2)		
Cure Rate for SCC > 750k:	33.3 % (1)	Avg. Days In Milk (DIM) for Herd:	335
No. Chronic Infections (SCC > 200k):	4 (6.0 %)	Median of DIM for Herd:	260
No. Chronic Infections (SCC > 750k):	1 (1.5 %)		
		Avg. DIM for SCC < 200k (n):	332 (58)
No. of Possible Ketosis Cases:	0	Avg. DIM for SCC > 200k and < 750k (n):	367 (5)
No. of Possible Acidosis Cases:	57	Avg. DIM for SCC > 750k (n):	375 (4)
Avg. Age at First Calf (Months):	28	Avg. Parity for Herd:	3
Avg. Inter-Calf Period (Days):	534	Avg. Parity for SCC < 200k:	2
No. Flushings:	NA	Avg. Parity for SCC > 200k and < 750k:	4
No. Embrios:	NA	Avg. Parity for SCC > 750k:	3

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	17.8	3.07	3.31	4.54	131	9.31
Top 25%	38.3	5.04	3.82	4.81	33	16.30
Breed Avg	31.2	4.33	3.55	4.67	293	12.88
Bottom 25%	22.8	3.64	3.26	4.55	200	9.20

*** 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 67 Holstein Cows

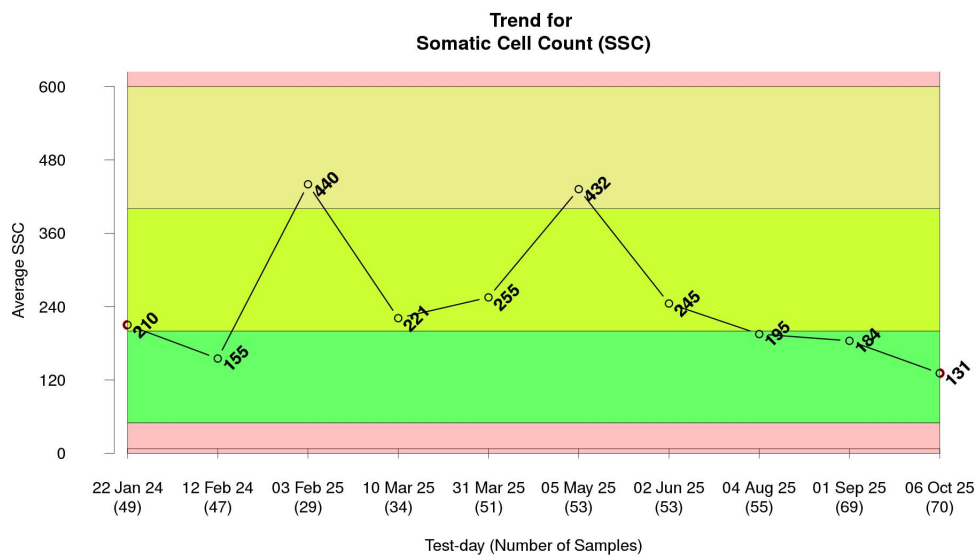
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	31.3% (21)	3.0% (2)	14.9% (10)	13.4% (9)	1.5% (1)	1.5% (1)
2	19.4% (13)	1.5% (1)	9.0% (6)	9.0% (6)	3.0% (2)	1.5% (1)
3	26.9% (18)	0.0% (0)	4.5% (3)	22.4% (15)	4.5% (3)	1.5% (1)
4	9.0% (6)	0.0% (0)	1.5% (1)	7.5% (5)	1.5% (1)	0.0% (0)
5	9.0% (6)	0.0% (0)	3.0% (2)	6.0% (4)	1.5% (1)	1.5% (1)
6+	4.5% (3)	0.0% (0)	1.5% (1)	3.0% (2)	1.5% (1)	0.0% (0)
Herd	100.1% (67)	4.5% (3)	34.4% (23)	61.3% (41)	13.5% (9)	6% (4)

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 67 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)	0.0% (0)	11.1% (1)	11.1% (1)
2	0.0% (0)	0.0% (0)	16.7% (1)	0.0% (0)	16.7% (1)	16.7% (1)
3	0% (0)	0% (0)	0.0% (0)	0.0% (0)	20.0% (3)	6.7% (1)
4	0% (0)	0% (0)	0.0% (0)	0.0% (0)	20.0% (1)	0.0% (0)
5	0% (0)	0% (0)	0.0% (0)	0.0% (0)	25.0% (1)	25.0% (1)
6+	0% (0)	0% (0)	0.0% (0)	0.0% (0)	50.0% (1)	0.0% (0)

Table 6: Bulk Tank Results for 2025-10-06 (Number of Samples Tested: 1)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	3.02	3.25	4.55	126	9	
BULK TANK 73	3.53	3.24	4.39	138	9	

**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.

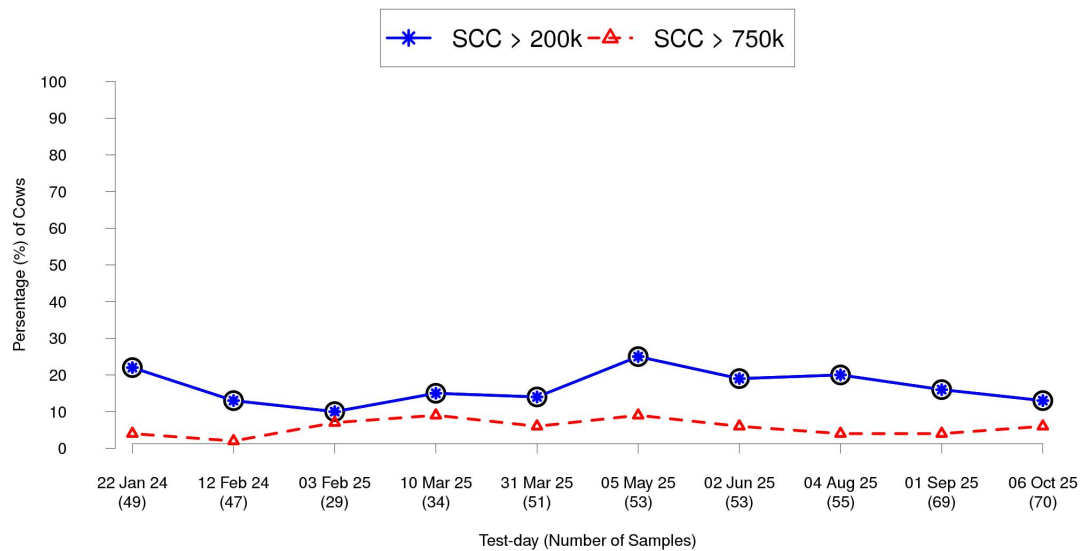


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

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.

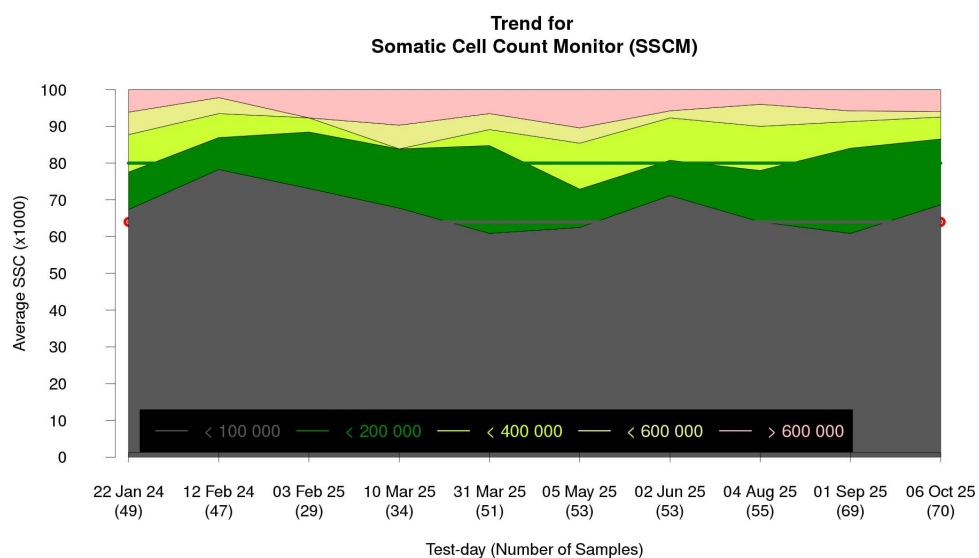


Figure 3: Somatic Cell Count (SCC) Monitor Trend

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.

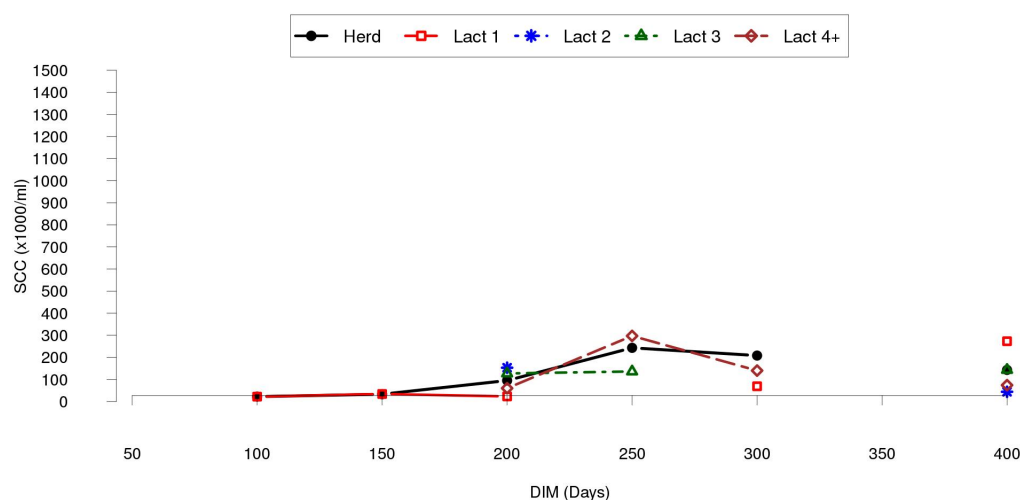


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

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.

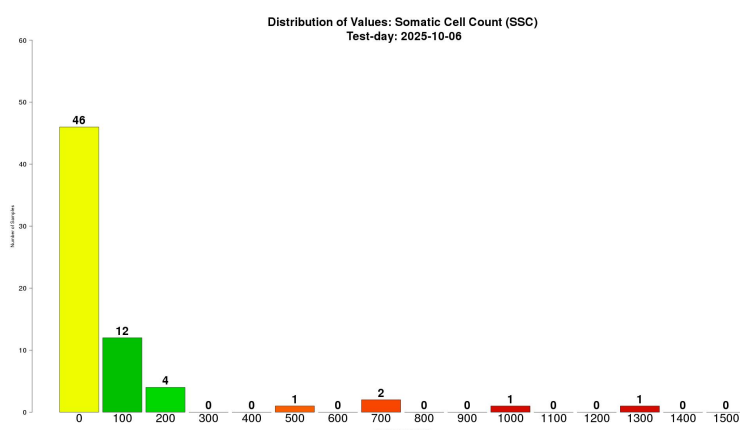


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2025-10-06)

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 2025-10-06

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	46	12	4	3	2	0
% Cows	68.7 %	17.9 %	6.0 %	4.5 %	3.0 %	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 2025-10-06 for the herd, was 131 000. 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
PE024	ELLIS	1371	4.53	613	1	12
PB008	BACCA	1092	4.34	237	5	16
PE005	ERICA	758	4.41	272	2	16
PE054	ECOVID	560	4.46	198	2	18

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 2025-10-06	SCC 2025-09-01	SCC 2025-08-04	Production	DIM	Parity	Status
PE024	ELLIS	1371	2042	3004	12	613	1	C
PB008	BACCA	1092	613	1509	16	237	5	C
PC051	COCONUT	763	861	-	29	379	3	N
PE005	ERICA	758	508	-	16	272	2	N
PE054	ECOVID	560	3208	-	18	198	2	N
PC038	CHINA	259	250	421	12	332	4	C
PY05	YIELD	249	166	163	10	627	6	R
PB012	BOLIVIA	243	270	298	17	427	3	C
PD007	DINAH	224	122	144	21	250	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 %
PC014	CARNEY	10	816	3	1.30
PE024	ELLIS	12	613	1	1.26
PF033	FONKIES	16	272	1	1.23
PF016	FLINK	14	425	1	1.23
PC024	CAMRY	15	476	3	1.22
PF018	FEBS	17	412	1	1.22
PC013	CARLA	18	469	3	1.20
PC042	COX	21	535	3	1.19
PD032	DAVID	11	292	1	1.18
PE064	EBONY	17	268	1	1.18
PD007	DINAH	21	250	3	1.16
PC036	CANON	15	400	3	1.16
PB005	BETTY	18	122	5	1.15
PF023	FOX	18	180	1	1.14
PC023	CYREL	10	626	3	1.14
PB012	BOLIVIA	17	427	3	1.13
PF027	FIX	12	358	1	1.13
PE034	EDWIN	15	375	2	1.13
PC038	CHINA	12	332	4	1.12
PF014	FREEZ	17	155	1	1.12
PB002	BELINDA	15	847	3	1.12
PC002	CANDICE	23	407	3	1.11
PZ036	ZAKUMI	13	257	5	1.11
PE054	ECOVID	18	198	2	1.11
PC007	CHARMA	26	198	3	1.11
PE044	EDGE	21	174	2	1.11
PZ005	ZETA	22	199	7	1.10
PA026	AVANGER	18	526	5	1.10
PE014	EMA	17	473	2	1.10
PD016	DIPSY	19	750	2	1.09
PD017	DUDU	20	183	2	1.09
PC035	CHELSEA	23	680	3	1.08
PG014	GRANITE	14	165	1	1.08
PC051	COCONUT	29	379	3	1.08
PB052	BREEZ	17	241	3	1.07
PD031	DIMPO	22	145	2	1.06
PG024	GENESIS	14	116	1	1.06
PA034	AVA	23	187	4	1.06
PG015	GEELY	17	125	1	1.06
PB045	BERLIN	13	197	3	1.06
PA002	ANEL	14	262	5	1.06
PC018	CRISTY	20	537	3	1.06
PG023	GANJA	15	100	1	1.06
PG008	GTI	17	140	1	1.06
PE001	EASY	25	182	2	1.05
PB029	BRICS	25	526	4	1.05
PD035	DON	19	488	2	1.04
PA006	ANAH	19	174	5	1.04
PF024	FAITH	21	16	2	1.04
PE005	ERICA	16	272	2	1.03
PF022	FLOWERS	12	421	1	1.03
PC021	CANNY	32	799	3	1.03
PE045	EBEN	14	196	2	1.02
PB038	BIANCA	18	242	4	1.02
PC020	CARBY	33	790	2	1.02
PB008	BACCA	16	237	5	1.02
PG006	GERALDO	13	165	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
ZAJG190003	CANDY	HST	377	377	1	1009	686
PY900	YOYO	HST	631	522	4	949	673
ZAJG150008	YEBO	HST	838	574	4	797	575

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	1009	-
PY900	YOYO	HST	631	522	4	949	-
ZAJG180002	BELINDA	HST	522	444	2	853	15
ZAJG190009	CARNEY	HST	349	302	2	822	10
ZAJG190014	CANNY	HST	377	362	2	805	32
ZAJG150008	YEBO	HST	838	574	4	797	-
PC020	CARBY	HST	604	604	1	796	33
PA042	AMOS	HST	668	722	2	791	-
ZAJG200020	DRE	HST	-	-	-	783	-
ZAJG200008	DIPSY	HST	438	438	1	756	19
ZAJG190026	CARRA	HST	483	483	1	726	-
ZAJG190018	CHELSEA	HST	324	343	2	686	23
PZ041	ZOLANI	HST	500	466	4	675	-
ZAJG150056	YIELD	HST	542	441	5	633	10
PC023	CYREL	HST	550	439	2	632	10
ZAJG210008	ELLIS	HST	-	-	-	619	12
ZAJG180012	BONNY	HST	390	406	2	589	21
PC018	CRISTY	HST	594	480	2	543	20
PC042	COX	HST	339	424	2	541	21
ZAJG220009	FELIX	HST	-	-	-	535	28
ZAJG170012	AVANGER	HST	448	448	4	532	18
PB029	BRICS	HST	396	368	3	532	25
PB054	BIKITA	HST	735	548	2	530	-
PD005	DOLLY	HST	344	406	2	523	-
ZAJG210013	EURO	HST	349	349	1	519	-
PD035	DON	HST	340	340	1	494	19
PC024	CAMRY	HST	352	442	2	482	15
PE014	EMA	HST	-	-	-	479	17
ZAJG220013	FREDA	HST	-	-	-	479	12
ZAJG190008	CARLA	HST	452	525	2	475	18
ZAJG208010	BOLIVIA	HST	477	533	2	433	17
ZAJG220016	FLINK	HST	-	-	-	431	14
ZAJG220008	FLOWERS	HST	-	-	-	427	12
ZAJG220018	FEBS	HST	-	-	-	418	17
PC002	CANDICE	HST	394	524	2	413	23
ZAJG190019	CANON	HST	459	491	2	406	15