Mastitis Reports in Dairy Comp 305

There are a number of reports and graphs related to Mastitis and Milk Quality in Dairy Comp under the Mast heading.

Dairy Comp 305 : Good Dairy

File Events1 Events2 DHI+ID Health Vx+BST Rpr+Cul Prod Mast Misc Help

Mast menu:
- List Sorted by LgSCC
- BulkTnk SCC Analysis
- **List - New Infection**
- List - Clin. Cases
- List - Positive Cows
- Summarize SCC
- Graphic Plot LgSCC
- Scatter Graphs-LgSCC
- Tables of Lin. SCC
- SCC Tables by BName

Command ?

Reports

All Milking Cows - Sorted

BNAME	L	DIM	MILK	MKDEV	RPRO	N				SCC
SENA	1	42	55	0	OK/OPEN	1	2			730
ROMA	4	223	52	9	PREG	0				960
JODI	2	271	47	-30	PREG	0				960
APACHE	3	196	63	-9	BRED	0				1610
MANDAL	1	322	68	4	BRED	0		-	-	1380
JEAN	2	307	47	-1	PREG	0		-	-	1310
FRISKY	1	419	73	-5	PREG	0		-	-	1260
CHINO	6	212	50	-9	PREG	0		-	-	1250
MOUSY	3	51	107	0	BRED	0		-	-	1240
GYPSY	1	418	8	-16	PREG	0		-	-	1230
VETA	2	343	42	9	BRED	0		-	-	1090
ZAYDA	5	367	21	-24	PREG	0		-	-	1040
PEGGY	8	282	16	-14	PREG	0		-	-	1010

Lists

CowCards

Graphs

Summaries

Understanding the Reports

- **This section will discuss the standard reports found in Dairy Comp. These reports can be modified, and other similar reports and graphs can be created in Dairy Comp.**

- **To make full use of the reports, pertinent information such as clinical mastitis events and culture information needs to be recorded in Dairy Comp.**

- **Your Veterinarian and DHIA Field Technician can give you additional information about these reports.**

Definitions

- **SCC is the abbreviation for Somatic Cell Count. These cells are primarily dead white blood cells that are being flushed from the animal through the milk.**

- **Some Somatic cells will normally be found in the milk, but if the levels are above 200,000 cells per milliliter of milk it is likely that the cow has a mastitis infection.**

List Sorted by LgSCC

- **This is a list that contains both current and historical somatic cell count data, as well as other important information on all milking cows.**

- **The default sort is from highest to lowest somatic cell count cows, but, like other reports in Dairy Comp, it can easily be resorted by clicking on another heading to sort it by that item.**

File   Events1   Events2   DHI+ID   Health   Vx+BST   Rpr+Cul   Prod   **Mast**   Misc   Help

		List Sorted by LgSCC
		BulkTnk SCC Analysis
		List - New Infection
		List - Clin. Cases
		List - Positive Cows
		Summarize SCC
		Graphic Plot LgSCC
		Scatter Graphs-LgSCC
		Tables of Lin. SCC
		SCC Tables by BName

Command ?

Reports

Esc 🔴 A   All Milking Cows - Sorted

Lists

BNAME	L	DIM	MILK	MKDEV	RPRO	N			SCC	PSCC	N
SENA	1	42	55	0	OK/OPEN	1	2		730	210	
ROMA	4	223	52	9	PREG	0			960	630	
JODI	2	271	47	-30	PREG	0			960	50	
APACHE	3	196	63	-9	BRED	0	–	–	1610	460	
MANDAL	1	322	68	4	BRED	0	–	–	1380	2520	
JEAN	2	307	47	-1	PREG	0	–	–	1310	920	
FRISKY	1	419	73	-5	PREG	0	–	–	1260	610	
CHINO	6	212	50	-9	PREG	0	–	–	1250	1240	
MOUSY	3	51	107	0	BRED	0	–	–	1240	50	
GYPSY	1	418	8	-16	PREG	0	–	–	1230	320	
VETA	2	343	42	9	BRED	0	–	–	1090	910	

CowCards

Graphs

Summaries

This list contains current and historical somatic cell count and other mastitis information on all milking cows. Sorted from highest to lowest somatic cell count.

File   Events1   Events2   DHI+ID   Health   Vx+BST   Rpr+Cul   Prod   Mast   Misc   Help
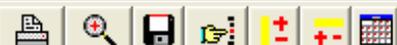
Command ?

All Milking Cows - Sorted DownBy SCC

BNAME	L	DIM	MILK	MKDEV	RPRO	N	LMAST	RMAST	SCC	PSCC	MXSCC	LGSCC	PRVLG	LOG1	DRYLG	MAXLG	RCULT	BNAME
SENA	1	42	55	0	OK/OPEN	1	2/ 8/02	LF-PIRS	5730	210	5730	8.8	4.1	4.1	0	8.8	-	SENA
ROMA	4	223	52	9	PREG	0	-	-	1960	630	1960	7.3	5.6	0.0	4.0	7.3	-	ROMA
JODI	2	271	47	-30	PREG	0	-	-	1960	50	1960	7.3	2.0	2.8	2.4	7.3	-	JODI
APACHE	3	196	63	-9	BRED	0	-	-	1610	460	3070	7.0	5.2	7.9	4.8	7.9	-	APACHE
MANDAL	1	322	68	4	BRED	0	-	-	1380	2520	4540	6.8	7.6	4.5	0	8.4	-	MANDAL
JEAN	2	307	47	-1	PREG	0	-	-	1310	920	3390	6.7	6.2	6.2	7.3	8.1	-	JEAN
FRISKY	1	419	73	-5	PREG	0	-	-	1260	610	2440	6.6	5.6	6.8	0	7.6	-	FRISKY
CHINO	6	212	50	-9	PREG	0	-	-	1250	1240	1250	6.6	6.6	4.8	1.3	6.6	-	CHINO
MOUSY	3	51	107	0	BRED	0	-	-	1240	50	1240	6.6	2.0	2.0	5.2	6.6	-	MOUSY
GYPSY	1	418	8	-16	PREG	0	-	-	1230	320	1230	6.6	4.7	0.1	0	6.6	-	GYPSY
VETA	2	343	42	9	BRED	0	-	-	1090	910	3300	6.4	6.2	4.4	0.7	8.0	-	VETA
ZAYDA	5	367	21	-24	PREG	0	-	-	1040	210	1040	6.4	4.1	2.7	5.7	6.4	-	ZAYDA
PEGGY	8	282	16	-14	PREG	0	-	-	1010	300	1010	6.3	4.5	2.3	4.9	6.3	-	PEGGY
SAPHIRE	4	663	50	-5	BRED	0	-	-	840	410	1410	6.1	5.0	0.7	6.5	6.8	-	SAPHIRE
ALPHA	4	60	104	0	BRED	0	-	-	810	1260	1260	6.0	6.6	6.6	5.7	6.6	-	ALPHA
TYRA	3	252	21	10	PREG	0	-	-	800	550	3030	6.0	5.4	7.9	6.3	7.9	-	TYRA
BERRY	3	227	91	9	BRED	0	-	-	690	330	2280	5.8	4.7	7.4	4.5	7.4	-	BERRY
C3PO	1	112	102	-8	BRED	0	-	-	680	640	680	5.8	5.7	5.0	0	5.8	-	C3PO
KELDA	1	123	78	-4	PREG	1	12/19/01	RF-AMP	610	1240	5910	5.6	6.6	8.9	0	8.9	-	KELDA
OPRAH	2	153	57	-12	PREG	0	-	-	560	560	2040	5.4	5.4	0.0	0	7.3	-	OPRAH
DARLEN	2	120	102	2	PREG	0	-	-	550	1990	1990	5.4	7.3	0.1	2.4	7.3	-	DARLEN
CLASSIC	1	114	97	32	BRED	0	-	-	490	3520	3520	5.3	8.1	5.7	0	8.1	-	CLASSIC
TERRY	3	243	50	0	PREG	0	-	-	480	360	2170	5.3	4.8	7.4	4.2	7.4	-	TERRY
RIVIARA	1	119	89	-11	BRED	0	-	-	480	580	870	5.3	5.5	5.3	0	6.1	-	RIVIARA
PREMO	4	200	83	0	PREG	0	-	-	410	420	520	5.0	5.1	4.7	3.4	5.4	-	PREMO
BELL	6	351	34	-4	PREG	1	5/15/01	RF-PIRSU	410	900	2230	5.0	6.2	2.7	2.4	7.4	-	BELL
CORINE	3	237	63	1	BRED	0	-	-	400	700	700	5.0	5.8	3.5	4.5	5.8	-	CORINE

List Sorted by LgSCC

Items on the report are:

Barn name, Milk, Milk Deviation, Reproduction Status, Number of recorded mastitis infections, Date of last recorded mastitis infection, Remark of that infection, Current SCC count, SCC on the last test, Maximum SCC for this lactation, Current Linear SCC, Previous Linear SCC, Linear Score on First test, Linear Score when she dried off on last lactation, Maximum linear score for this lactation, Results from last mastitis culture, and Barn name again.

Bulk Tank SCC Analysis

File   Events1   Events2   DHI+ID   Health   Vx+BST   Rpr+Cul   Prod   Mast   Misc   Help

Command ?

| Reports | | Esc C A | HIGHSCC : All Milking Cows |

Lists

ID	L	DIM	MILK	MKDEV	RPRO	N
1667	1	857	77	-19	PREG	0
1521	1	388	46	0	FRESH	0
1469	1	426	56	-24	FRESH	0
1352	1	649	54	-10	PREG	0

Mast menu:
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- SCC Tables by BName

Bulk Tank SCC Analysis

- **This is a report showing effects of individual cows on bulk tank SCC and the economics of withholding individual cows from the bulk tank.**

- **While individual and bulk tank SCC counts will vary from day to day, this report gives a good indication of the impact of the highest count cows on the average bulk tank SCC.**

- **Milk prices and SCC differentials can be adjusted.**

```
Analyzing 156 cows on Test Date   3/15/02


|-- Bulk Tank Today --|
Total Milk      11328         |--------- Current Settings -----|
Average Milk       72         Milk price    12.00
Bulk PctF        3.33         Fat Base       3.5      Diff  0.07
Bulk PctP        2.94         Ptn Base       3.2      Diff  0.12
                              SCC Premiums enabled


Without any cows removed :        Bulk Tank SCC       215
                                  Pay Price          12.07
                                  Daily Income     1367.18
```

							Bulk Tank after removing only this cow from tank			Bulk Tank after removing cow and all cows above it	
BNAME	PSCC	MILK	Value	SCC	%Tank		Price	@SCC	Income		Price	@SCC	Income
=======	=====	====	=====	====	=====		=====	====	=======		=====	====	=======
SENA	210	55	6.23	5730	12.9		12.31	188	1387.93		12.31	188	1387.93
MOUSY	50	107	12.10	1240	5.4		12.07	205	1354.26		12.31	178	1374.76
ROMA	630	52	5.88	1960	4.2		12.07	207	1360.90		12.31	170	1368.36
APACHE	460	63	7.13	1610	4.2		12.08	207	1360.36		12.32	161	1361.37
MANDAL	2520	68	7.70	1380	3.8		12.06	208	1357.62		12.30	154	1350.91
JODI	50	47	5.31	1960	3.8		12.07	208	1361.50		12.30	146	1345.13
FRISKY	610	73	8.25	1260	3.8		12.07	208	1358.37		12.30	139	1336.15
ALPHA	1260	104	11.75	810	3.5		12.08	209	1355.41		12.30	132	1323.36

List – New Infection

List – New Infection

- **This list is similar to the list sorted by LgSCC, but shows only those cows with a SCC above 200,000 that were below 200,000 or not milking on a prior testday.**

- **You might want to resort this report by DIM to get an idea of when cows are becoming infected.**

List – New Infection

List of Cows Newly Above SCC 200,000

BNAME	L	DIM	MILK	MKDEV	RPRO	N	LMAST	RMAST	SCC	PSCC	MXSCC	LGSCC	PRVLG	LOG1	DRYLG	MAXLG	RCULT
JODI	2	271	47	-30	PREG	1	8/13/01	C.RHT	1960	50	1960	7.3	2.0	2.8	2.4	7.3	C.RH
MOUSY	3	51	107	0	BRED	0	–	–	1240	50	1240	6.6	2.0	2.0	5.2	6.6	–
AGGIE	2	13	26	0	FRESH	0	–	–	340	0	340	4.8	0.0	4.8	6.5	4.8	–
PETUNIA	4	389	26	-14	PREG	1	7/10/01	S.RFP	320	190	7850	4.7	3.9	8.2	4.4	9.3	S.RF
KELA	2	334	60	-7	PREG	0	–	–	280	40	280	4.4	1.7	2.8	0.7	4.4	–
POLKA	1	15	63	0	FRESH	0	–	–	270	0	270	4.4	0.0	4.4	0	4.4	–
KLANCY	2	537	52	3	BRED	0	–	–	270	150	270	4.4	3.5	3.1	3.8	4.4	–
NEVADA	1	160	97	21	BRED	0	–	–	240	40	240	4.3	1.7	2.7	0	4.3	–
RIPPY	1	404	23	-11	PREG	0	–	–	210	90	260	4.1	2.8	4.4	0	4.4	–

Total: 9

Sorted by SCC

List – New Infection

LIST ... FOR SCC>199 PSCC<200 \CUI BY DIM

BNAME	L	DIM	MILK	MKDEV	RPRO	N	LMAST	RMAST	SCC	PSCC	MXSCC	LGSCC	PRVLG	LOG1	DRYLG	MAXLG	RCULT
AGGIE	2	13	26	0	FRESH	0	–	–	340	0	340	4.8	0.0	4.8	6.5	4.8	–
POLKA	1	15	63	0	FRESH	0	–	–	270	0	270	4.4	0.0	4.4	0	4.4	–
MOUSY	3	51	107	0	BRED	0	–	–	1240	50	1240	6.6	2.0	2.0	5.2	6.6	–
NEVADA	1	160	97	21	BRED	0	–	–	240	40	240	4.3	1.7	2.7	0	4.3	–
JODI	2	271	47	-30	PREG	1	8/13/01	C.RHT	1960	50	1960	7.3	2.0	2.8	2.4	7.3	C.RH
KELA	2	334	60	-7	PREG	0	–	–	280	40	280	4.4	1.7	2.8	0.7	4.4	–
PETUNIA	4	389	26	-14	PREG	1	7/10/01	S.RFP	320	190	7850	4.7	3.9	8.2	4.4	9.3	S.RF
RIPPY	1	404	23	-11	PREG	0	–	–	210	90	260	4.1	2.8	4.4	0	4.4	–
KLANCY	2	537	52	3	BRED	0	–	–	270	150	270	4.4	3.5	3.1	3.8	4.4	–

Total: 9

Resorted by Days in Milk (DIM)

List – Clin. Cases

List – Clin. Cases

- **This list contains current and historical somatic cell count and other mastitis information on cows with one or more clinical flare ups this lactation.**

- **Most recent cases are on the top of the list.**

- **Clinical mastitis events will have to be recorded to make the information accurate**

List – Clin. Cases

File   Events1   Events2   DHI+ID   Health   Vx+BST   Rpr+Cul   Prod   Mast   Misc   Help

Command ?

List of Cows with 1+ Clin. Mast Cases

BNAME	L	DIM	MILK	MKDEV	RPRO	N	LMAST	RMAST	SCC	PSCC	MXSCC	LGSCC	PRVLG	LOG1	DRYLG	MAXLG	RCULT
BLACK	2	300	52	-12	PREG	2	2/11/02	RR-AMP	270	210	6460	4.4	4.1	2.8	5.6	9.0	-
FIXIT	1	72	76	-5	BRED	1	2/ 9/02	RF-AMP	60	150	400	2.3	3.5	5.0	0	5.0	-
SENA	1	42	55	0	OK/OPEN	1	2/ 8/02	LF-PIRS	5730	210	5730	8.8	4.1	4.1	0	8.8	-
DARLA	4	230	34	-5	BRED	1	1/27/02	RF-AMP	70	100	1040	2.4	3.0	5.4	3.9	6.4	-
Y2K	1	86	87	-4	BRED	1	1/27/02	RF-APM	20	20	120	0.7	0.7	3.3	0	3.3	-
CARLYN	9	69	73	0	BRED	1	1/15/02	RF-AMP	20	20	20	0.7	0.7	0.7	4.1	0.7	-
SPUNKE	2	79	115	35	BRED	1	1/15/02	RF-PIRSU	70	580	5080	2.4	5.5	8.6	3.4	8.6	-
SILLY	1	331	78	5	PREG	1	1/ 4/02	LF-AMP	90	140	1740	2.8	3.4	4.7	0	7.1	-
KELDA	1	123	78	-4	PREG	1	12/19/01	RF-AMP	610	1240	5910	5.6	6.6	8.9	0	8.9	-
BELL	6	351	34	-4	PREG	1	5/15/01	RF-PIRSU	410	900	2230	5.0	6.2	2.7	2.4	7.4	-

Total: 10

List of Positive Cows

- **This list contains information on all cows that have ever been above 200,000 cell count this lactation.**

- **In most herds a fairly large percentage of the animals will be above 200,000 at some point in their lactation and will end up on this list.**

List of Positive Cows

List of Positive Cows

BNAME	L	DIM	MILK	MKDEV	RPRO	N	LMAST	RMAST	SCC	PSCC	MXSCC	LGSCC	PRVLG	LOG1	DRYLG	MAXLG
AGGIE	2	13	26	0	FRESH	0	–	–	340	0	340	4.8	0.0	4.8	6.5	4.8
ALADIN	1	190	78	-5	BRED	0	–	–	140	240	240	3.4	4.3	4.1	0	4.3
ALPHA	4	60	104	0	BRED	0	–	–	810	1260	1260	6.0	6.6	6.6	5.7	6.6
APACHE	3	196	63	-9	BRED	0	–	–	1610	460	3070	7.0	5.2	7.9	4.8	7.9
BELL	6	351	34	-4	PREG	1	5/15/01	RF-PIRSU	410	900	2230	5.0	6.2	2.7	2.4	7.4
BERGIT	3	472	0	0	DRY	0	–	–	0	1470	5290	0.0	6.8	1.7	6.8	8.7
BERNIE	2	227	52	-25	PREG	0	–	–	80	80	1820	2.7	2.7	7.2	2.8	7.2
BERRY	3	227	91	9	BRED	0	–	–	690	330	2280	5.8	4.7	7.4	4.5	7.4
BERTHA	3	372	0	0	DRY	0	–	–	0	320	370	0.0	4.7	2.4	4.7	4.9
BLACK	2	300	52	-12	PREG	2	2/11/02	RR-AMP	270	210	6460	4.4	4.1	2.8	5.6	9.0
BLOSSOM	1	121	115	14	BRED	0	–	–	140	150	500	3.4	3.5	4.2	0	5.3
BOZO	1	102	91	5	BRED	0	–	–	100	70	200	3.0	2.4	4.0	0	4.0
C3PO	1	112	102	-8	BRED	0	–	–	680	640	680	5.8	5.7	5.0	0	5.8
CARAT	1	246	60	10	OK/OPEN	0	–	–	20	110	5120	0.7	3.1	5.3	0	8.7
CASIDY	3	105	94	10	BRED	0	–	–	40	40	390	1.7	1.7	5.0	4.1	5.0
CASS	1	405	44	-9	PREG	0	–	–	70	80	1890	2.4	2.7	0.0	0	7.2
CHACHA	2	571	13	-7	PREG	0	–	–	370	210	370	4.9	4.1	1.3	2.4	4.9

The default sort is by Barn Name

Summarize SCC

- **Contains 2 summary reports:**
  - **First by lactation Group (1st, 2nd, and 3rd and above)**
  - **Then by stage in lactation**

- **This report can help identify areas to make changes and monitor the results of those changes.**

- **In DC 305 you press the Esc key to go from the first to the second report.**

Command ?

Mast menu:
- List Sorted by LgSCC
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Reports

Lists

Esc ⟳ A   SUM ...   FOR SCC>0 BY LCTGP

By LCTGP	%COW	#COW	AvLGSCC	AvPRV
1	36	79	3.5	3
2	37	81	2.7	2
3	25	55	3.7	3
Total	100	215	3.3	2.9

Summary by Lactation Group

By LCTGP	%COW	#COW	AvLGSCC	AvPRVLG	Av LOG1	AvDRYLG	AvMAXLG
1	42	65	2.6	3.2	4.1	0.0	5.2
2	25	39	2.8	3.0	2.8	3.2	4.6
3	32	50	3.2	3.2	3.2	4.3	4.6
========	====	====	=======	=======	=======	=======	=======
Total	100	154	2.8	3.1	3.5	3.8	4.8

- **Shows the average Linear score from the current and previous test dates, From their first test date, score at dry off from last lactation, and their maximum linear SCC.**

- **This herd has a problem with heifers being infected when they come fresh (Ave LOG1 for LCTGP 1).**

Summary by Stage in Lactation

By STAGE	%COW	#COW	AvDIMTD	AvLGSCC	AvPRVLG	Av LOG1	AvDRYLG	AvMAXLG
0	27	36	64	3.2	3.2	3.3	3.4	3.9
1	34	44	152	2.5	2.9	3.6	3.0	4.7
2	23	30	246	2.7	3.1	2.9	2.9	4.7
3	9	12	342	2.8	2.7	2.2	2.5	4.8
4	3	4	427	3.2	3.6	2.3	0.0	7.0
6	2	3	653	4.6	5.0	2.4	0.0	6.7
========	====	====	=======	=======	=======	=======	=======	=======
Total	100	129	187	2.9	3.1	3.2	3.1	4.6

Information is broken down by every 100 days in milk.

Graphic Plot Log SCC

- **Produces a graphic plot of an individual cows' current lactation's cell count by testday.**

- **Pressing the next plot button will display the graph for the next cow.**

- **You can see trends as you look at the individual graphs of each cow.**

File Events1 Events2 DHI+ID Health Vx+BST Rpr+Cul Prod Mast Misc Help

Command ?

Reports

Esc
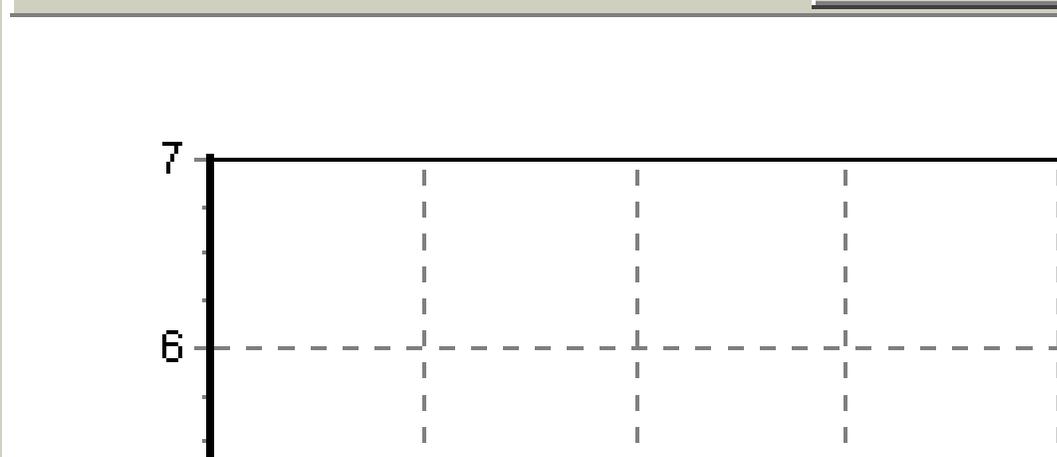
Lists

Prod menu:
- Testday DHIA Report
- Milk within Strings
- Post-Receive Report
- List-Sorted by MkDev
- List of Low Fat Cows
- Summary - Testday
- Graphic Plot Milk
- Plot Milk-Pick Cow
- Plot Fat% _Prot%
- Yearly TestDay Plots
- Monitor Report

7

6

Graphic Plot Log SCC
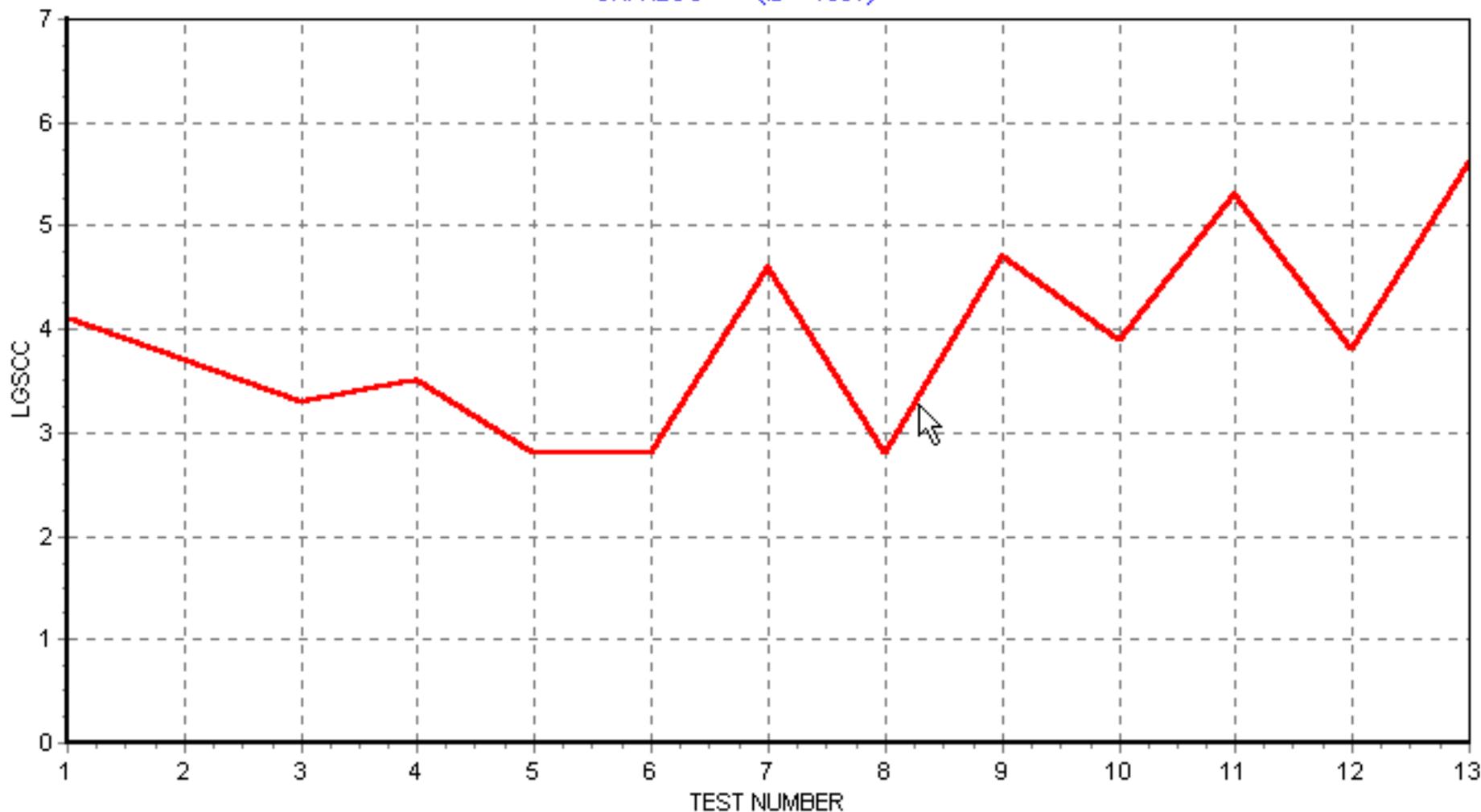
Scattergraphs-LgSCC

- **This is a series of log linear somatic cell count graphs about your herd.**

- **You can use them to get a graphic representation of what is happening in regards to mastitis control within your herd.**

- **You go from one graph to the next by pushing the escape key.**

Scattergraphs-LgSCC

MASTG1 : Current Log SCC (Label=Lact 1,2,,3+)

Legend:
- LCTGP = 1 (red)
- LCTGP = 2 (green)
- LCTGP = 3 (yellow)

Axis labels: LGSCC (y-axis), DIMTD (x-axis)

- **Displays the linear score by Days in Milk.**
- **Each block is one of the cows in the herd.**
- **Animals above 4 LgSCC are considered likely to be infected.**

MASTG2 : Current LogSCC vs Last Month's LogSCC

Legend:
- LCTGP = 1 (red)
- LCTGP = 2 (green)
- LCTGP = 3 (yellow)

X-axis: PRVLG
Y-axis: LGSCC
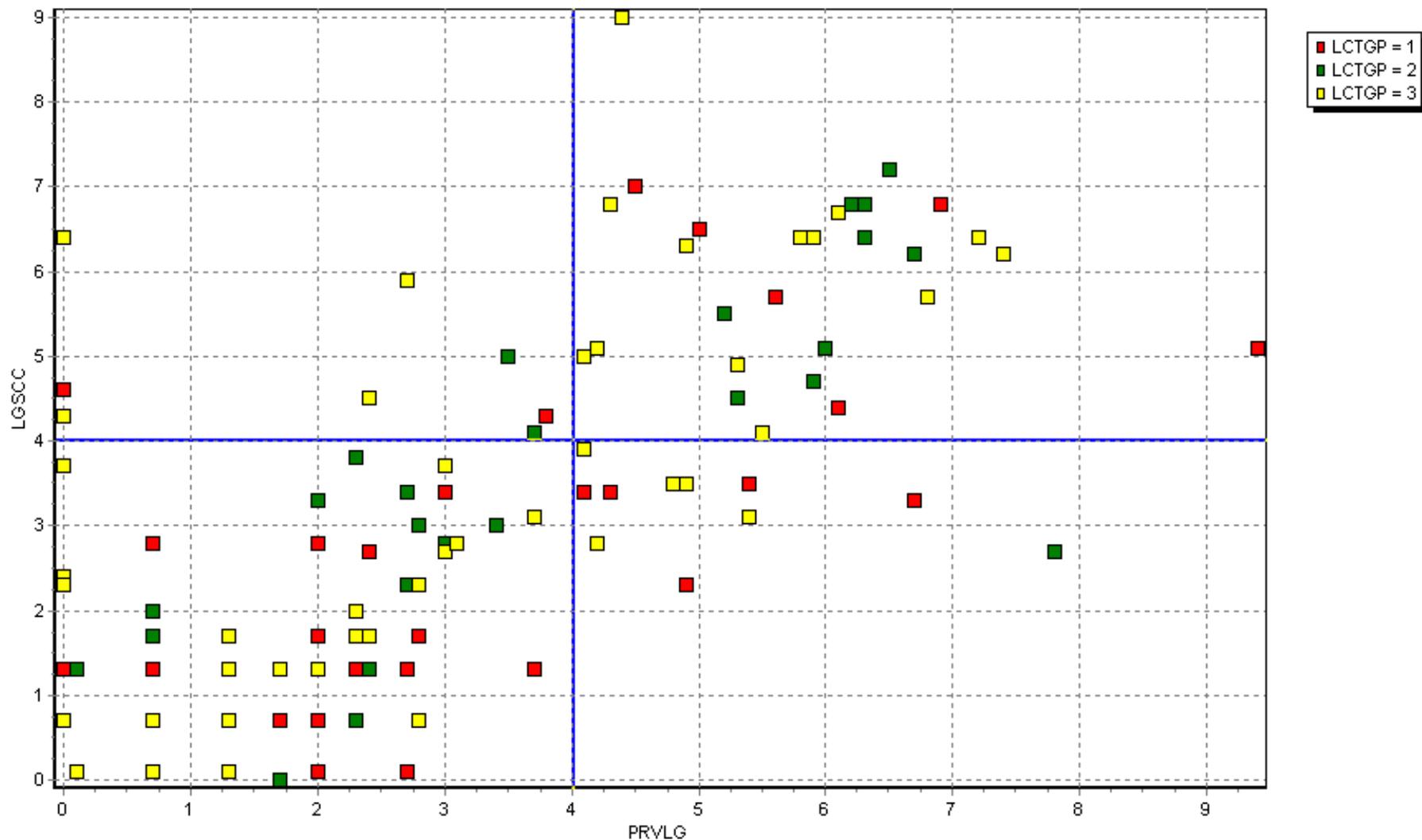
- This graph compares the linear score from this test to the last.
- Lower left Quadrant is animals that were less than a 4 LgSCC both times.
- Upper left is new infections (above 4 now, less than 4 on last test).
- Upper right is chronic animals.
- Lower right is animals that would be considered cures since the last test.

MASTG3 : Linear SCC at First Testday after Fresh

Legend:
- LCTGP = 1 (red)
- LCTGP = 2 (green)
- LCTGP = 3 (yellow)

Y-axis: LOG1

X-axis: DSFSH
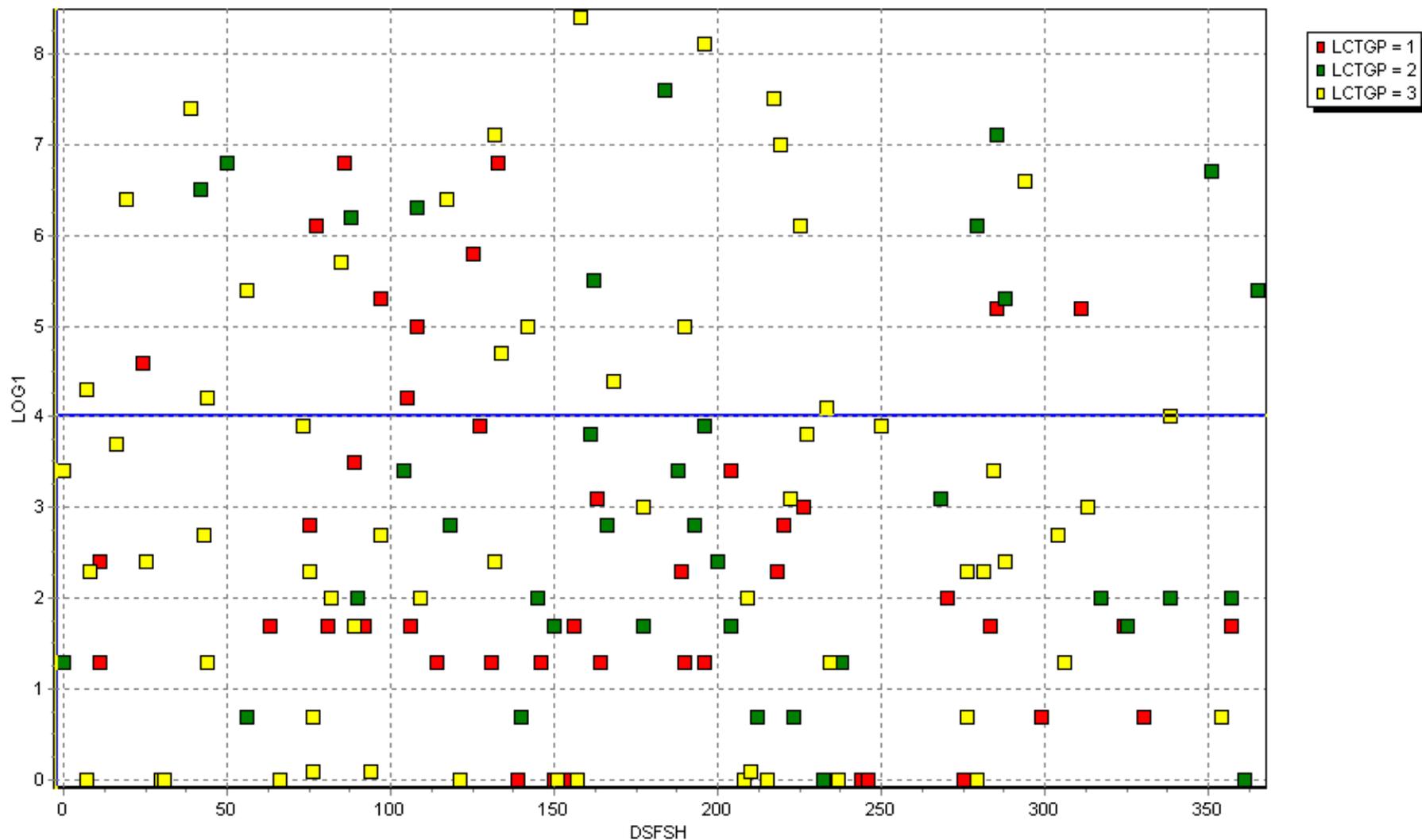
• **This graph shows their first LgSCC and their current Days Since Fresh.**

• **You can expand areas of these graphs by selecting it with your mouse.**

MASTG3 : Linear SCC at First Testday after Fresh

Legend:
- LCTGP = 1 (red)
- LCTGP = 2 (green)
- LCTGP = 3 (yellow)

Axes: LOG1 (vertical), DSFSH (horizontal)
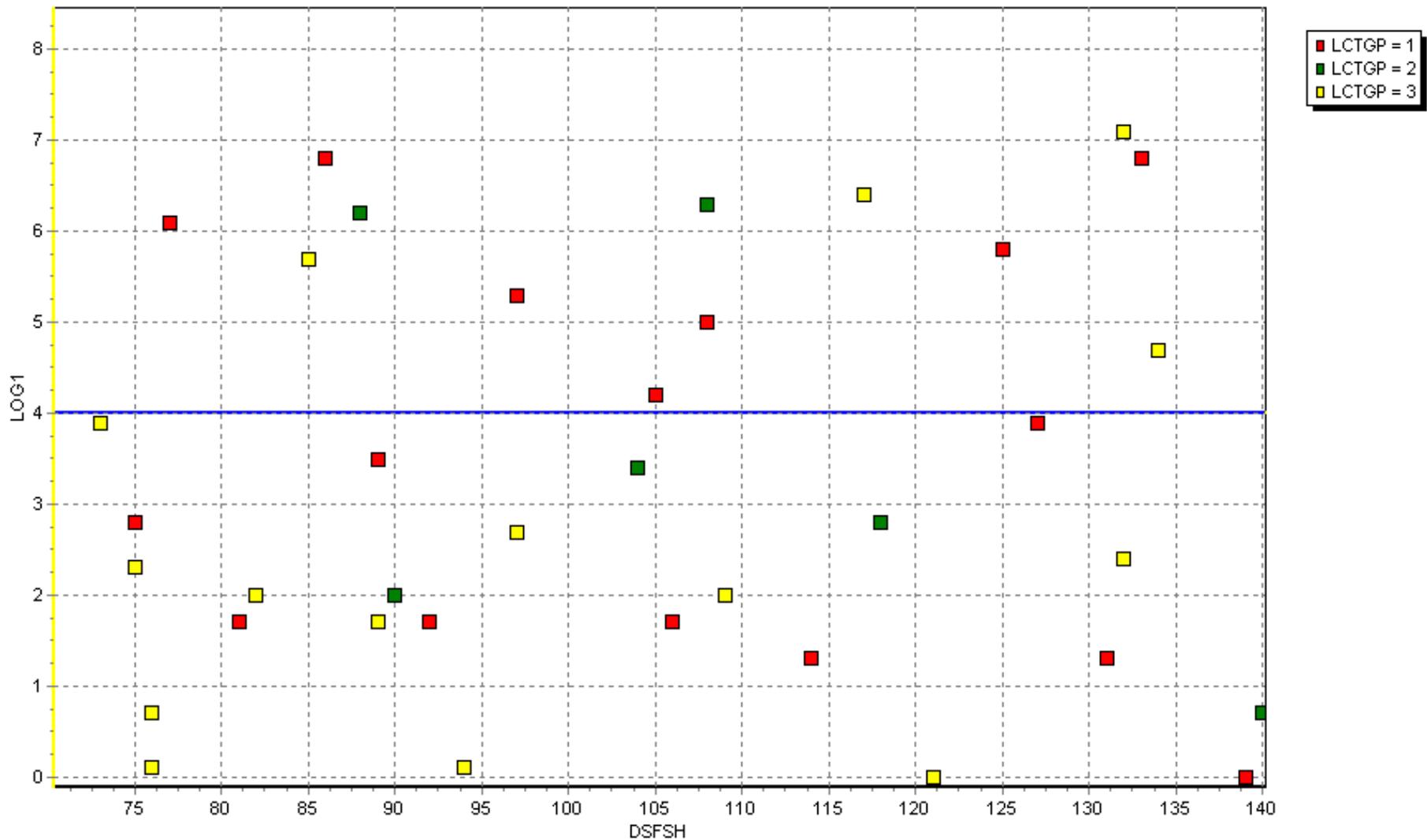
•**This is an expansion of 70 to 140 Days since fresh.**
•**Seven of the Sixteen heifers that came fresh in this period were infected.**
•**You can also go into a cows' individual cowcard by clicking on a her box.**

Dairy Comp 305 : Example

File Events1 Events2 DHI+ID Health Vx+BST Rpr+Cul Prod Mast Misc Help

Command ?

Reports

ID 554   BName 257

Lists

CowCards

Graphs

| Events | Items1 | Items2 | TestDays | PrevLacts | Lactation |

| BNAME | 257 | PTOTM | 0 | MKDEV | 2 | RPRO | BRED |
| STRG | 1 | ME305 | 27220 | PERST | 100 | DUEIF | 11/20/02 |

TestDate	DIM	MILK	FAT%	PROT%	FCM	305ME	RELV	SCC	LGSCC	STRG
11/13/01	14	64	4.3	3.2	72	22470	83	1410	6.8	1
12/11/01	42	78	3.7	2.8	80	24650	91	410	5.0	1
1/ 9/02	71	81	3.4	2.6	80	26010	96	60	2.3	1
2/13/02	106	82	3.9	2.6	87	26630	98	50	2.0	1
3/12/02	133	82	3.6	2.7	83	26740	99	30	1.3	1

- **This is the Testdays page of the heifer that is in the upper right corner of the previous graph.**

- **Note that her SCC has dropped considerably since fresh.**

MASTG4 : Current LogSCC vs LogSCC @Freshening

Legend:
- LCTGP = 1
- LCTGP = 2
- LCTGP = 3
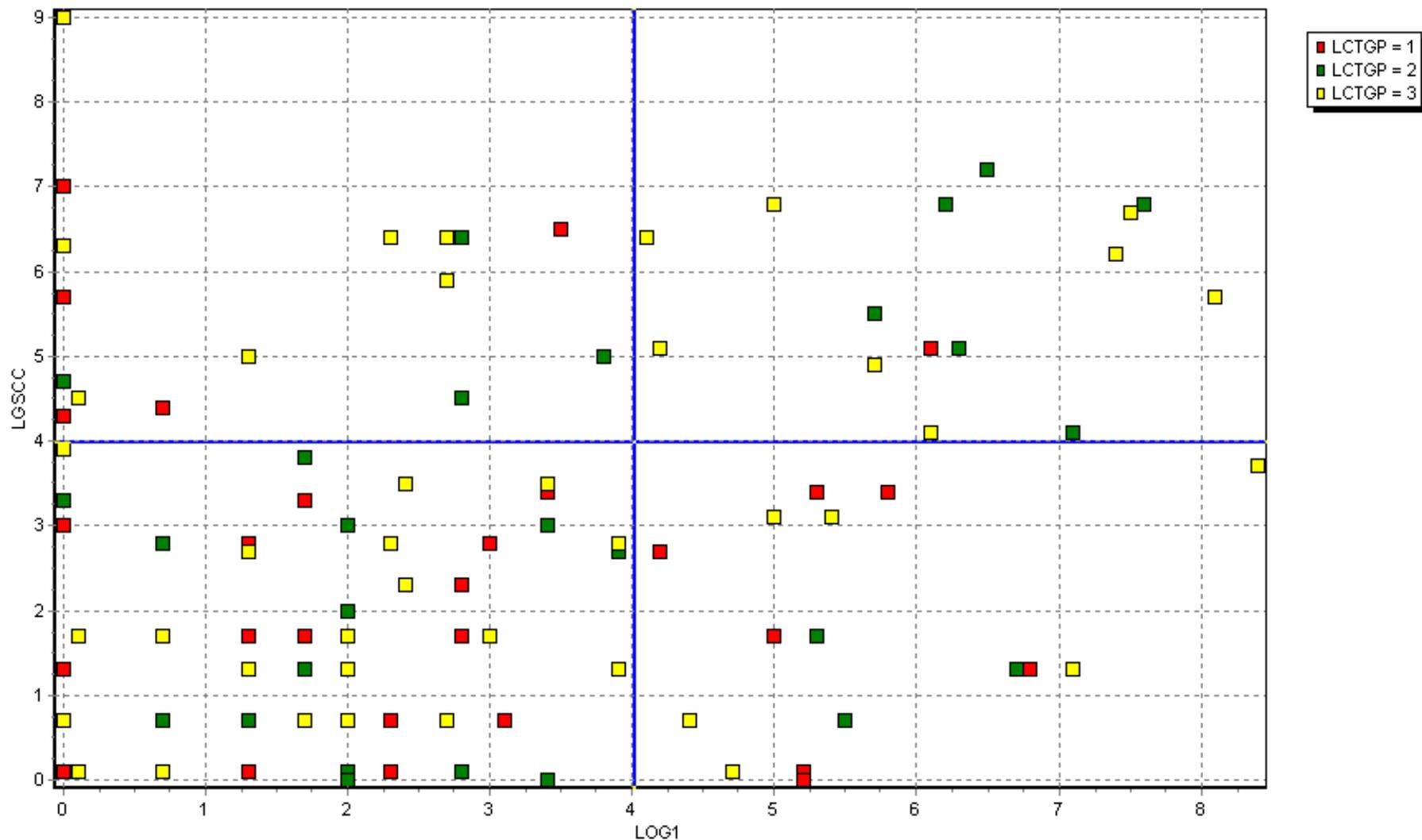
- •This graph compares the current LgSCC to her first test day LgSCC.
- •Lower left is less than 4 (not infected) both times.
- •Upper left is infected now, but was not when fresh.
- •Upper right is infected both times.
- •Lower right was infected when fresh, but less than 4 now.

MASTG5 : LogSCC @Freshen vs LogSCC @ Last DryOff

- LCTGP = 2
- LCTGP = 3
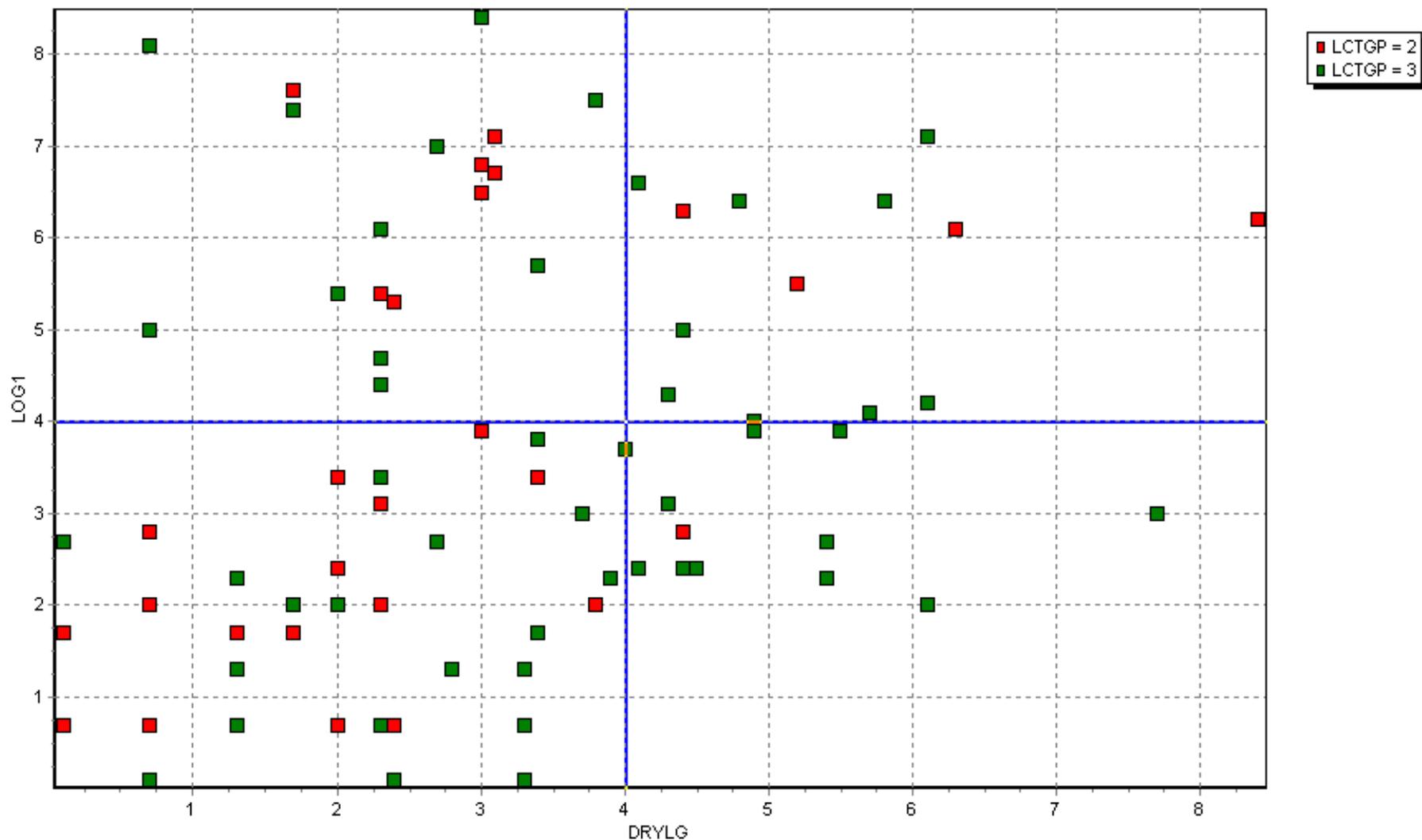
•**This graph compares Log1 (first test day) to her DRYLG (her linear score when she dried off from her last lactation).**

•**It will only apply to 2nd lactation and older animals.**

MASTG8 : Highest LgSCC-Cows Fresh Last 450 Days
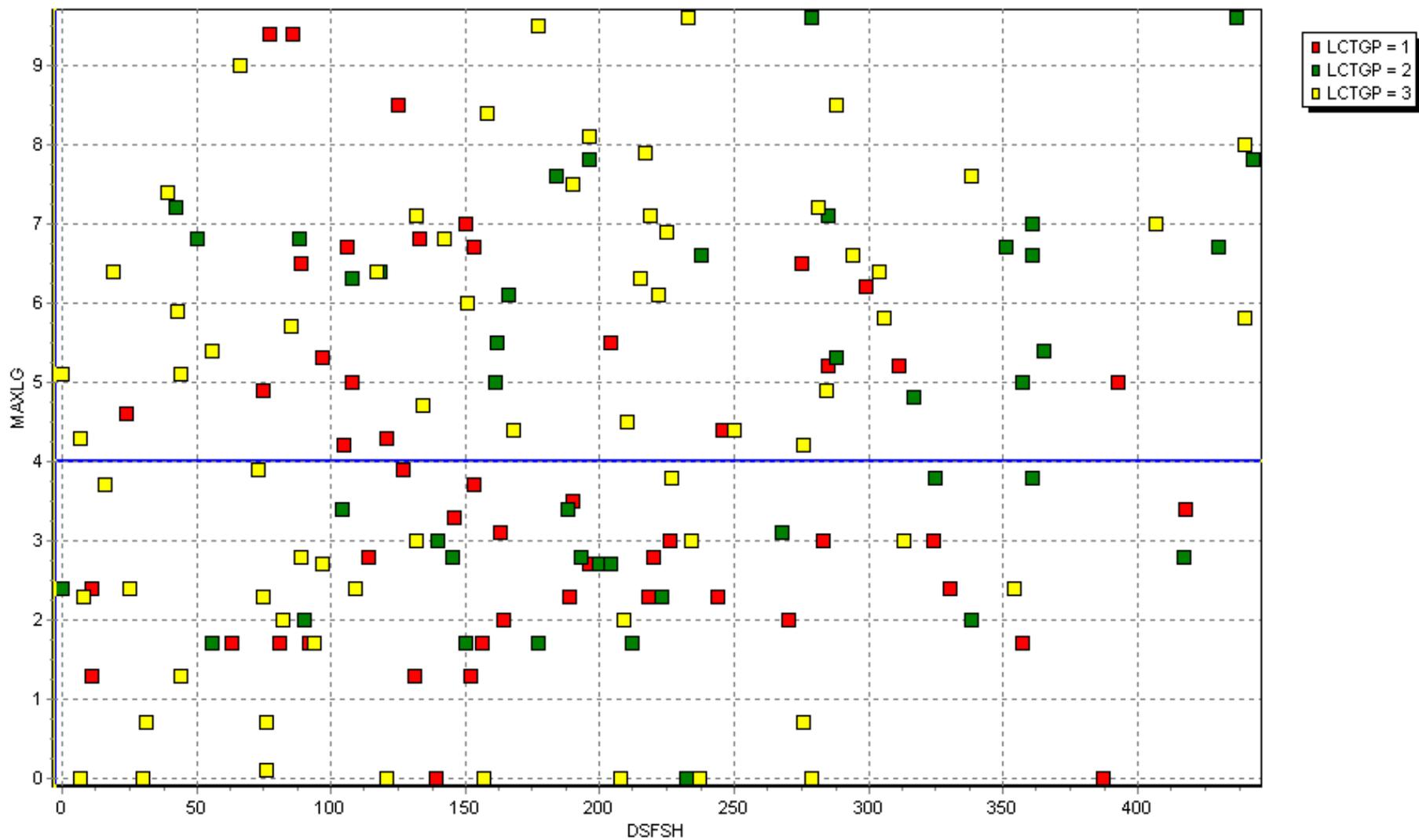
- **Shows the highest LgSCC for animals fresh in the last 450 days.**

- **Animals that were sold or died are included in the graph.**

MASTG9 : Maximum LogSCC vs LogSCC @Freshening

Legend:
- LCTGP = 1
- LCTGP = 2
- LCTGP = 3
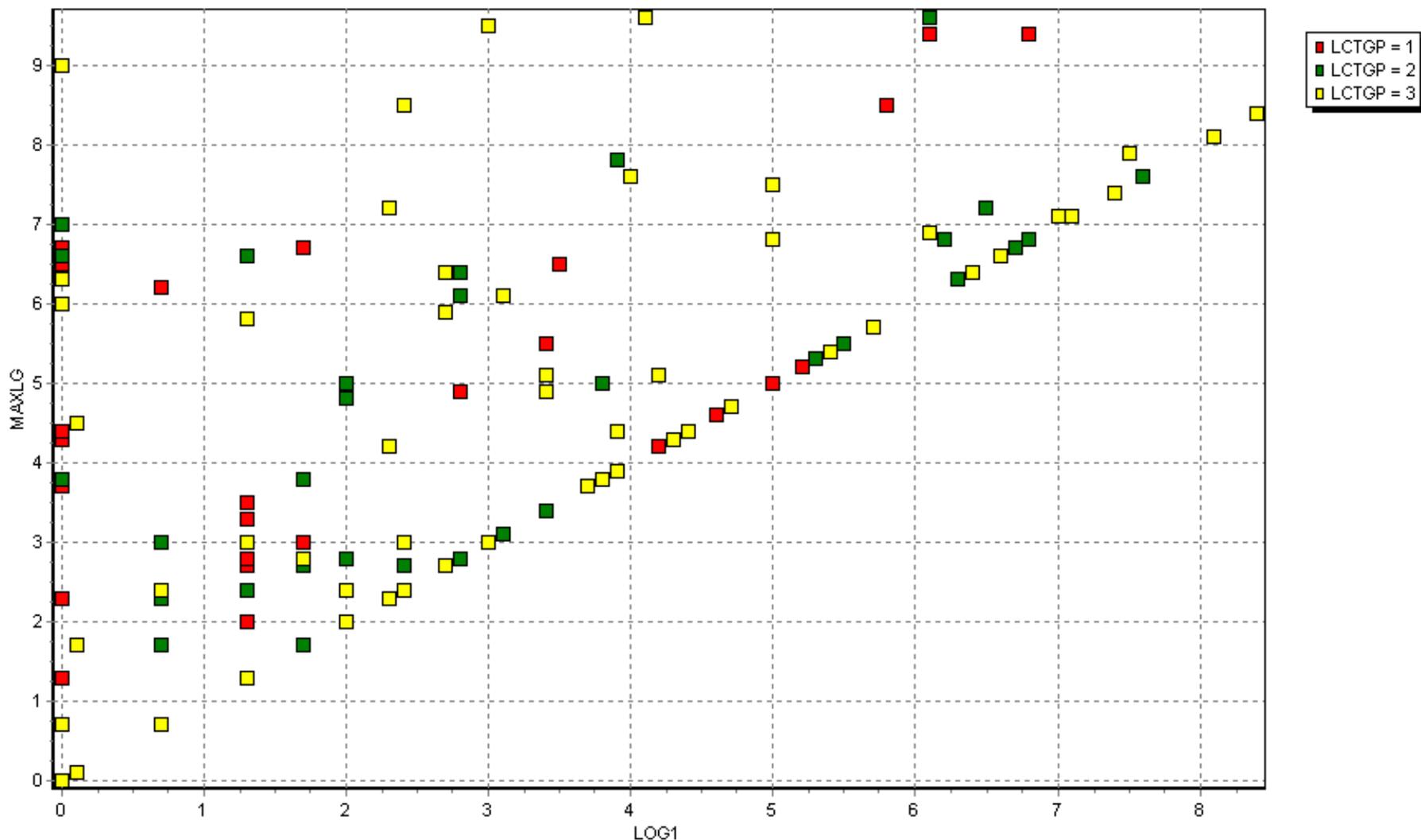
- **Shows the highest LgSCC compared to what it was on their first test.**

- **Animals on the diagonal line had their highest score when they came fresh. Keep in mind that some of those will be animals with just one test.**

Tables of Lin. SCC

- **This is a series of tables of various SCC linear scores.**

- **These are similar to the graphs just shown, but instead of using blocks for individual cows they show the number of animals and the percentage of the herd in each quadrant.**

Tables of Lin. SCC

```
                    LGSCC
                     6.0
                        26 |      16       42
                        17% |     10%      27%
    LGSCC:4.0        --------+--------
                       112 |       0      112
                        73% |      0%      73%
                     ========================
                       138          16      154
                        90%         10%     100%
```

- **The lower left quadrant is animals that were less than 4.0 on test date.**
- **The upper left is animals that were between 4.0 and 6.0.**
- **The upper right is animals that were above 6.0**
- **There are no animals in the lower right because they couldn't be above 6 and less than 4.**

- **You can see a list of the animals in each group by clicking on the number in the quadrant.**

Dairy Comp 305 : Good Dairy

File　Events1　Events2　DHI+ID　Health　Vx+BST　Rpr+Cul　Prod　Mast　Misc　Help
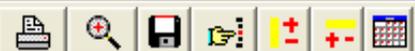
Command ?

Reports

SHOW\A ...　FOR LGSCC>=6.0 LGSCC>=4.0 LGSCC>0

Lists

CowCards

Graphs

Summaries

BNAME	LGSCC
PEGGY	6.3
ZAYDA	6.4
CHINO	6.6
ROMA	7.3
MOUSY	6.6
APACHE	7.0
TYRA	6.0
FRISKY	6.6
VETA	6.4
GYPSY	6.6
SAPHIRE	6.1
ALPHA	6.0
MANDAL	6.8
SENA	8.8
JEAN	6.7
JODI	7.3
16 tot	al
Avg	6.7

•**These are the 16 animals shown in the upper right quadrant.**

Lists

CowCards

Graphs

Summaries

Entries

```
LCTGP=1          LGSCC
                  6.0
                      9  |     4        13
                     14% |     6%       20%
LGSCC:4.0     --------  + -------
                     52  |     0        52
                     80% |     0%       80%
              ========  = ========  =====
                     61        4        65
                     94%       6%      100%
...  ..............   .........  . ........  .....

LCTGP=2          LGSCC
                  6.0
                      9  |     3        12
                     23% |     8%       31%
LGSCC:4.0     --------  + -------
                     27  |     0        27
                     69% |     0%       69%
              ========  = ========  =====
                     36        3        39
                     92%       8%      100%
...  ..............   .........  . ........  .....

LCTGP=3          LGSCC
                  6.0
                      0  |     0        17
```

•**This is a similar graph, but it shows the animals by lactation group.**
•**80% of the heifers and 69% of the 2nd lactation animals were less than 4.0 LgSCC in this herd on the last test date.**

```
                            PRVLG
                             4.0

                      7    |      33        40
                      5%   |     23%       28%

LGSCC:4.0          --------  + -------

                     91    |      15       106
                     62%   |     10%       72%

                   ========  = ========   =====

                     98            48       146
                     67%           33%      100%
```

- **This is a "Sum Command" that compares the current test day linear score to the previous one.**
- **There is a similar listing called "Current vs. last Test"on the Herd Summary Report in the <u>Changes in SCC Status</u> section.**
- **But in Dairy Comp you can click on the number to see the animals in each group.**

```
LCTGP=1          PRVLG
                  4.0
                     2  |       10        12
                    3%  |      17%       20%
LGSCC:4.0        -------- + --------
                    40  |        7        47
                   68%  |      12%       80%
                 ======== = ======== =====
                    42           17        59
                   71%          29%      100%
.............. .......... . ......... .....


LCTGP=2          PRVLG
                  4.0
                     3  |        8        11
                    8%  |      22%       30%
LGSCC:4.0        -------- + --------
                    23  |        3        26
                   62%  |       8%       70%
                 ======== = ======== =====
                    26           11        37
                   70%          30%      100%
.............. .......... . ......... .....


LCTGP=3          PRVLG
                  4.0
```

```
LCTGP=1          LOG1
                 6.0
                         7  |        3        10
                        18% |        8%       26%
   LOG1:4.0     --------- + -------
                        28  |        0        28
                        74% |        0%       74%
                ========= = ========   =====
                        35           3        38
                        92%          8%      100%
. . . . . . . . . . . . . .   . . . . . . . . .   . . . . . . . . .   . . . . .


LCTGP=2          LOG1
                 6.0
                         4  |        8        12
                        11% |       22%       33%
   LOG1:4.0     --------- + -------
                        24  |        0        24
                        67% |        0%       67%
                ========= = ========   =====
                        28           8        36
                        78%         22%      100%
```

•**This shows the linear score on the first test day by lactation group.**

```
LCTGP=2          DRYLG
                  4.0

                     8  |      4        12
                   24%  |     12%       36%
   LOG1:4.0       --------  + -------
                    21  |      1        22
                   62%  |      3%       65%
                 ========  = ========  =====
                    29          5        34
                   86%         15%      100%
...............  .........  . .........  .....


  LCTGP=3          DRYLG
                    4.0

                    11  |      9        20
                   21%  |     17%       38%
   LOG1:4.0       --------  + -------
                    20  |     12        32
                   38%  |     23%       61%
                 ========  = ========  =====
                    31         21        52
                   59%        40%       100%
...............  .........  . .........  .....


                  DRYLG
                   4.0
```

•**Compares a cows first test linear score to what it was when she dried off.**
•**Lower left is less than 4 both times, upper left was above 4 on first test, less than 4 when dried off, etc.**
•**Shows first by lactation group, and then the combined herd.**

```
LCTGP=1          MAXLG
                  4.0
                     0   |      9          9
                     0%  |     26%        26%
    LOG1:4.0        -------- + -------
                    21   |      5         26
                    60%  |     14%        74%
                ======== = ========  =====
                    21          14         35
                    60%         40%       100%
..............  .........  .........  .....


LCTGP=2          MAXLG
                  4.0
                     0   |     10         10
                     0%  |     29%        29%
    LOG1:4.0        -------- + -------
                    17   |      7         24
                    50%  |     21%        71%
                ======== = ========  =====
                    17          17         34
                    50%         50%       100%
..............  .........  .........  .....


LCTGP=3          MAXLG
                  4.0
```

•**Compares a cows first test linear score to what her maximum LgSCC was.**
•**Shows first by lactation group, and then the combined herd.**
•**There are no animals in the upper left quadrant because they could not have a current LgSCC above 4 and have a Maximum LgSCC below 4.**

By LCTGP	%COW	#COW	AvLGSCC	AvPRVLG	Av LOG1	AvDRYLG	AvMAXLG
1	37	48	2.3	2.7	2.7	0.0	4.1
2	26	34	3.0	3.1	3.4	2.4	4.8
3	36	47	3.4	3.4	3.5	3.5	4.9
========	====	====	=======	=======	=======	=======	=======
Total	100	129	2.9	3.1	3.2	3.1	4.6

- **A summary of all the milking cows by lactation group.**

By STAGE	%COW	#COW	AvDIMTD	AvLGSCC	AvPRVLG	Av LOG1	AvDRYLG	AvMAXLG
FRESH	1	5	9	3.2	0.0	3.2	4.1	3.2
EARLY	18	48	40	2.0	2.1	2.4	3.4	2.6
MID	27	73	122	3.1	3.1	4.1	3.1	4.7
LATE	27	74	212	3.1	2.8	3.2	2.6	4.9
OVER305	24	65	395	3.9	3.6	3.2	4.2	5.7
========	====	====	=======	=======	=======	=======	=======	=======
Total	100	265	197	3.1	3.0	3.3	3.3	4.6

- **A summary of all the milking cows by stage in their lactation.**

SCC Tables by Bname

- **Tables of SCC listed by barn name. Limited to about 120 animals.**
- **First list is all cows, second list is cows greater than 3.9 linear.**
- **The first screen of each only shows the number of cows contained in the report. The second screen shows the actual list of cows.**
- **You can toggle to the next screen by pressing the escape key.**
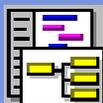
Cows	
42	cows in this group

Lists

CowCards

Graphs

Summaries

•**Says there will be 42 cows in the list of those currently above 3.9 LgSCC.**

	312	410	514	612	718	815	920	1022	1120	1217	117	218	315
PEGGY					2.3	0.7	4.8	1.7	2.3	1.3	3.1	4.5	6.3
ZAYDA		2.7	0.7	3.4	0.7	2.3	1.3	2.0	3.3	3.9	3.8	4.1	6.4
CHINO							4.8	4.3	6.2	4.5	5.4	6.6	6.6
EDINA	4.0	0.7	6.6	2.3	3.9	3.5	5.5	4.8	6.8	4.3	4.3	4.4	4.3
PETUNIA	8.2	1.7	2.8	1.3	8.2	6.1	9.3	4.3	7.0	4.4	3.1	3.9	4.7
ELVINA												5.8	4.3
ROMA							5.8	5.7	5.2	6.4	5.0	5.6	7.3
PREMO							4.7	5.4	5.4	3.3	5.0	5.1	5.0
BERRY						7.4	5.8	5.2	5.0	5.7	4.9	4.7	5.8
KLANCY	1.7	3.1	3.5	3.1	3.4	3.5			3.4	3.3	3.1	3.5	4.4
MOUSY												2.0	6.6
CORINE						3.5	2.4	3.0	2.7	5.6	4.7	5.8	5.0
APACHE							7.9	7.4	7.2	6.4	4.9	5.2	7.0
TYRA					7.9	6.6	6.8	5.0	4.8	4.1	4.4	5.4	6.0

•**Shows the LgSCC of individual cows for the last 13 test dates, with the last test on the far right.**

Credits
D. Weinand, A. Whyte and MN DHIA