

# HERD CELL COUNT REPORT

## SAMPLE

Current Herd Cell Count = 153

Rolling 3 month Cell Count = 132

### Milking Cows

	This Month	Last Month	Target
Herd Cell Count	153	122	<200
Number of Cows	116	109	N/A
New Infections	11 (9%)	3 (3%)	<5%
Cows over 200	21 (18%)	12 (11%)	<15%
Persistently Infected Cows	3 (3%)	4 (4%)	<10%
Net Transmission Index	1.38	0.38	<1.0

### Dry Cows

	This Month	3 Month Total	Target
Cows 1st Recorded	11	31	N/A
Low to Low	7	21	N/A
Low to High	3 (27%)	5 (16%)	<5%
High to Low	1	4	N/A
High to High	0 (0%)	1 (3%)	<10%
Cure Rate	100%	80%	>80%

### Vet Comments

Cell count has increased this month, but is still well below target. Just a few too many new infections now, and cows over 200 have increased over target as a result. The numbers would suggest that too many cows have been picking up infections in the dry period, but looking at the new infections two of the three are freshly calved - so this number is not relevant.

See advice on new infections below.

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### New Infection Cows

(Cows with cell counts over 200 for the first time in current lactation)

Quick identification and treatment of these cows improves cure rates and reduces the risk of spread of infection.

Any quarter that is positive on CMT should be sampled for bacteriology at the practice so appropriate treatment and/or management can be recommended.

Cow ID	Ln	DIM	Yield	Previous SCC	Latest SCC	Action
35	3	398	13.6	85	382	Is she due for drying off soon? If so, wait until then to treat. If not, CMT and sample.
37	3	144	33.7	14	420	CMT and sample.
49	1	605	20.2	175	248	Is she due for drying off soon? If so, wait until then to treat. If not, CMT and sample.
70	6	221	27.7	149	475	CMT and sample.
116	2	15	22.6	-	5788	Has she calved in with clinical mastitis? If not treated already, CMT and sample.
153	3	238	28.3	92	482	CMT and sample.
188	1	8	28.6	-	331	Freshly calved, check next time.
193	1	4	20.1	-	347	Freshly calved, check next time.
273	2	43	31.1	192	253	CMT and sample.
715	4	318	36.6	157	330	Not due for drying off soon, so CMT and sample.
930	1	106	41.2	179	980	CMT and sample.

See back page for more details of these cows.

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### Persistently Infected Cows

Cow ID	Ln	DIM	Yield	Oldest SCC	Previous SCC	Latest SCC	No. High	% Total
87	4	196	27.2	384	805	409	5	2%
100	3	347	35.2	449	349	708	4	4.5%
148	4	445	22	541	218	343	4	1.4%

These cows are making up **8%** of your total cell count but only 2% of your total yield.

If you removed them your cell count would be **145**.

### Cows for Drying Off With High Cell Counts (>250 DIM)

The best chance of curing cows this far into lactation is through DCT. Injectable antibiotics may improve the treatment success of some cows at drying off: speak to your vet for details.

Cow ID	Ln	DIM	Yield	Latest SCC	No. High
1	2	339	24.5	230	2
35	3	398	13.6	382	1
49	1	605	20.2	248	1
81	1	299	28.2	259	6
88	1	441	23.8	225	2
100	3	347	35.2	708	4
137	5	357	21.8	208	5
148	4	445	22	343	4
154	3	386	17.9	706	2
715	4	318	36.6	330	1

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#### **Net Transmission Index: 1.38**

This is a rough guide to the ratio of "new infections" to "cures". An NTI < 1.0 suggests there is a reducing prevalence of infection on the farm, while an NTI > 1.0 suggests the prevalence of infection is increasing.

#### **Cure Status of Last Month's New Infection Cows**

The table below shows the cows that were new infections on the previous recording and whether or not they have been cured.

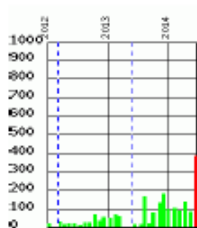
Cow ID	Ln	DIM	Yield	Previous SCC	Latest SCC	Status
58	3	45	34	245	136	CURE
102	3	107	53.9	282	43	CURE
112	2	40	42.4	316	26	CURE

Cows that are NO CURE yet have had treatment will probably not benefit from further treatment this lactation. Other management options are available (see persistently infected cows), so contact your vet for advice.

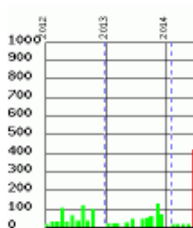
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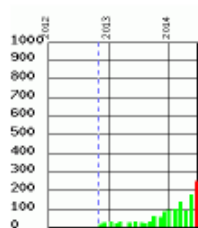
### New Infection Cows: Cell Count History



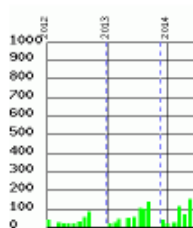
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37



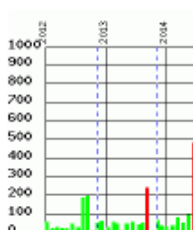
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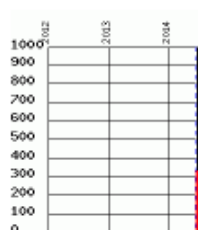
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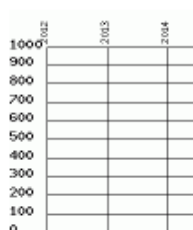
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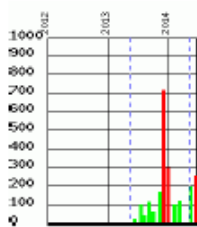
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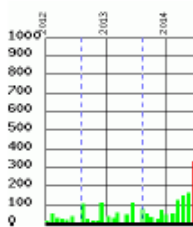
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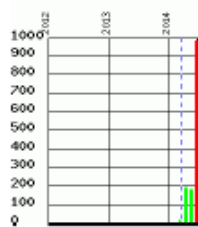
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273



715



930