

Quick guide to reading your Countdown Mastitis Focus Report

Report page

Udder health is described by 3 basic measures in the herd performance summary: the clinical case rates, new infection rate and Bulk Milk Cell Counts over the twelve month report period

Farm details are in the top LH corner of report

The report covers the twelve months preceding the end date you nominate

Mastitis Focus V1.0

FARMER FRED & ANNE
 RIVERVIEW ROAD
 DAIRYTOWN 3000

Report period: 01.07.06 - 30.06.07

Printed: 20.11.2007

Herd ID: 123456

Total calvings: 449

Herd test cell count: 212

YOUR HERD PERFORMANCE SUMMARY

Clinical Case Rates		New Infection Rate		Bulk Milk Cell Counts	
Calving	Lactation	Subclinical & Clinical		% above 250,000	Average BMCC
Your Herd: 9	Your Herd: 3	Your Herd: 9	Trigger: >2 cases per 100 cows in milk	Report Period: ?	Average BMCC: ?
Trigger: >5 cases per 100 cows calved	Trigger: >2 cases per 100 cows in milk			Previously: ?	

KEY MANAGEMENT AREAS IN FOCUS

Your calving system ★

Monthly clinical case rate at calving (all cows)

First calver clinical case rate: Your Herd [value], Trigger >5 cases per 100 first calvers

Clinical mastitis management ★

Monthly clinical case rate in lactation (all cows)

Total clinical cases: Your Herd 187 cases, Trigger >20%

Spread of infection ★

First calver new infection: Your Herd 41%, Trigger >15%

Average new infection rate (all cows): Your Herd [value], Trigger 2 cases per 100 cows in milk

Previous dry-off strategies ★

Failure to cure over the dry: Your Herd 12%, Trigger >20%

Missed treatments: Your Herd 28%, Trigger >5%

Infections over the dry: Your Herd 50%, Trigger >5%

Dry period clinical case rate: Your Herd ?, Trigger >1 case per 100 cows

Culling to control mastitis ★★★

Cows prone to clinical mastitis: Your Herd 8 cows, Trigger Any Cows

Cows infected in 2 consecutive prior lactations despite intervening DCT: Your Herd 0 cows, Trigger Any Cows

Plan your next drying-off

Only consider a selective DCT strategy when: Your Herd [value]

See your vet: [value]

Star rating ★★★★★ (Keep up the good work) ★★★ (Opportunity to reduce risk) ★ (Seek professional advice) ? (Insufficient records)

Explore your herd performance in terms of key management areas

Check how your herd is travelling for each measure (a question mark shows when they cannot be calculated)

The Countdown Downunder Farm Guidelines for Mastitis Control recommends you seek professional advice for measures above the 'trigger'

Use the star rating to decide which areas to follow up or plan to improve

Use experiences from the last twelve month to decide your next drying-off strategy

Sept 2013

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Ver. 1.1

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Back page

The 'Farm Data Box' shows the data behind the calculations. Always check that this data accurately represents the herd before referring to the measures on page 1

The 'Farm Data Box' also gives an overview of the herd and its management – its size, calving pattern extent of herd testing, type of dry cow strategy, level of culling, etc

The "Nuts and Bolts" section shows the counts used to calculate the performance measures. These may help readers to recognise events as observed on the farm

The 'tick boxes' show which records are needed to calculate the measures in each key management area. A ticked box indicates which records were available for analysis. The lack of a tick will mean not all measures can be calculated.

6 to 30.06.07

Behind your Mastitis Focus Report

FARM DATA BOX -- Check that these records represent your herd													
Number of	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	TOTAL
Cows milking	198	450	501	467	456	456	456	454	454	423	421	398	
Cows herd tested				433	400		391		382	354	341		
Calvings	70	310	64	5									449
Cows culled or died	4	19	23	72	8		64	1	26	15	4		236
Clinical cases	7	33	31	32	27	8	16	10	13	5	3	2	187
Cows dried-off	54	10	42	7			2		19	1	23	211	369
Antibiotic DCT	43	6	14						15	1	12	211	302
Cows given Teat Sealant													

NUTS AND BOLTS -- Helps cross-check the details behind the key management areas	
<h3 style="text-align: center;">Your calving system</h3> <p style="text-align: right;">Calving dates: <input checked="" type="checkbox"/> Clinical case records: <input checked="" type="checkbox"/> Termination dates: <input checked="" type="checkbox"/> Birth dates: <input checked="" type="checkbox"/></p> <p>Monthly clinical case rate at calving Number of clinical cases within 14 days of calving: <u>39</u></p> <p>When they occurred: Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun 6 24 8 1</p> <p>First calver clinical case rate First calvers that calved during the report period: <u>149</u> Clinical cases in first calvers within 14 days of calving: <u>19</u></p>	<h3 style="text-align: center;">Clinical mastitis management</h3> <p style="text-align: right;">Calving dates: <input checked="" type="checkbox"/> Clinical case records: <input checked="" type="checkbox"/> Termination dates: <input checked="" type="checkbox"/> LCT records: <input checked="" type="checkbox"/></p> <p>Monthly clinical case rate in lactation Number of clinical cases in lactation (from 14 days after calving): <u>148</u></p> <p>When they occurred: Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun 1 9 23 31 27 8 16 10 13 5 3 2</p> <p>Total clinical cases: <u>187</u></p> <p>Treatment failure Number of cases given an extended treatment course (4 or more doses of antibiotic in 10 days): <u>44</u></p>
<h3 style="text-align: center;">Spread of infection</h3> <p style="text-align: right;">Calving dates: <input checked="" type="checkbox"/> Clinical case records: <input checked="" type="checkbox"/> Herd test records: <input checked="" type="checkbox"/> Termination dates: <input checked="" type="checkbox"/> Birth dates: <input checked="" type="checkbox"/></p> <p>First calver new infection The number of first calvers that developed a high cell count or clinical case during the report period: <u>62</u></p> <p>Average new infection rate Average infection rate between herd tests: 11/05/2006 - 8.1 11/05/2007 - 9.2 11/05/2008 - 19.0 11/05/2009 - 9.4</p>	<h3 style="text-align: center;">Previous dry-off strategies</h3> <p style="text-align: right;">Calving dates: <input checked="" type="checkbox"/> Clinical case records: <input checked="" type="checkbox"/> Herd test records: <input checked="" type="checkbox"/> DCT records: <input checked="" type="checkbox"/> Termination dates: <input checked="" type="checkbox"/></p> <p>Eligible cows (dried-off and re-calved during the report period): <u>64</u></p> <p>Failure to cure over the dry Eligible cows that were infected and treated with antibiotic dry cow: <u>47</u> Of these, the number herd tested after calving (10-30 days): <u>8</u> And still had a high cell count or clinical case after calving: <u>1</u></p> <p>Missed treatments Eligible cows infected and not given antibiotic DCT: <u>14</u></p> <p>Infections over the dry Eligible cows uninfected in previous lactation: <u>19</u> Of those, the number herd tested after calving (10-30 days): <u>2</u> And developed a high CC or clinical case after calving: <u>1</u></p> <p>Dry period clinical case rate Number of cows that had a clinical case over the dry period: <u>0</u></p>
<h3 style="text-align: center;">Culling to control mastitis</h3> <p style="text-align: right;">Clinical case records: <input checked="" type="checkbox"/> Herd test records: <input checked="" type="checkbox"/> DCT records: <input checked="" type="checkbox"/> Termination dates: <input checked="" type="checkbox"/></p> <p>Cows prone to clinical mastitis Number of cows in herd with 3 or more clinical cases in a lactation: <u>8</u></p> <p>Cows infected in multiple lactations Number of cows still infected after 2 consecutive prior lactations despite intervening DCT: <u>0</u></p>	<h3 style="text-align: center;">Plan your next drying-off (Countdown Downunder Fact Sheet C)</h3> <p>Number of cows milking at report end date: <u>188</u></p> <p>Number of cows more than 240 days into lactation: <u>188</u></p> <p>Of these, the number with 4 or more cell counts (YES reported when more than 80%): <u>120</u></p> <p>And number with a peak cell count above 250,000: <u>76</u></p>