



# Quick guide to reading your Countdown Downunder 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

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

Explore your herd performance in terms of key management areas

Use the *star rating* to decide which areas to follow up or plan to improve (a question mark shows when they cannot be calculated)

Check how your herd is travelling for each measure

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

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

**Mastitis Focus** V1.0

FARMER FRED & ANNE  
RIVERVIEW ROAD  
DAIRYTOWN 3000

DAIRY AUSTRALIA

Report period: 01.07.06 - 30.06.07

Printed: 20.11.2007

HerdID: 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		Report Period: ?	Average BMCC: ?
Trigger: >5 cases per 100 cows calved	Trigger: >2 cases per 100 cows in milk	Trigger: >2 cases per 100 cows in milk		Previously: ?	Previously: ?

KEY MANAGEMENT AREAS IN FOCUS

**Your calving system** ★

Monthly clinical case rate in lactation (all cows)

Trigger: 5 cases per 100 cows calved

**First calver clinical case rate**  
Indicates the state of the calving areas

Your Herd: 14 | Trigger: >5 cases per 100 first calvers

**Clinical mastitis management** ★

Monthly clinical case rate in lactation (all cows)

Trigger: 2 cases per 100 cows in milk

**Total clinical cases**  
Your Herd: 187 cases

**Treatment failure**  
Cases with an extended treatment  
Your Herd: 24% | Trigger: >20%

**Spread of infection** ★

**First calver new infection**  
Indicates the extent of spread

Your Herd: 41% | Trigger: >15%

**Average new infection rate (all cows)**  
When clean cows became infected

Trigger: 2 cases per 100 cows in milk

**Previous dry-off strategies** ★

**Failure to cure over the dry**  
Existing infections not cured by antibiotic Dry Cow Treatment

Your Herd: 12% | Trigger: >20%

**Missed treatments**  
Infected cows that didn't receive antibiotic Dry Cow Treatment

Your Herd: 28% | Trigger: >5%

**Infections over the dry**  
Cows that became infected in the dry-off or at calving

Your Herd: 50% | Trigger: >5%

**Dry period clinical case rate**  
Indicates the success of the dry-off procedure

Your Herd: ? | Trigger: >1 case per 100 cows

**Culling to control mastitis** ★★★

**Cows prone to clinical mastitis**  
Cows in herd with 3 or more clinical cases in a lactation

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:**

- You have 4 or more cell counts for each cow:  No
- Strip ag is not present in your herd (based on milk culture results):  See your vet
- Less than 30% of cows had high cell counts:  No
- Your clinical case rate at calving was less than 5:  No

**Star rating**

★★★★★ Keep up the good work | ★★★ Opportunity to reduce risk | ★ Seek professional advice | ? Insufficient records



# Quick guide to reading your Countdown Downunder Mastitis Focus Report

Back page

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 '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 "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.

## Behind your Mastitis Focus Report

6 to 30.06.07

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 Test Sealant													

  

NUTS AND BOLTS -- Helps cross-check the details behind the key management areas	
<div style="border: 1px solid black; padding: 5px;"> <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><b>Monthly clinical case rate at calving</b> Number of clinical cases within 14 days of calving: <span style="float: right;">39</span></p> <p>When they occurred: Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun 5 24 8 1</p> <hr/> <p><b>First calver clinical case rate</b> First calvers that calved during the report period <span style="float: right;">149</span> Clinical cases in first calvers within 14 days of calving <span style="float: right;">19</span></p> </div>	<div style="border: 1px solid black; padding: 5px;"> <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><b>Monthly clinical case rate in lactation</b> Number of clinical cases in lactation (from 14 days after calving): <span style="float: right;">148</span></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> <hr/> <p><b>Total clinical cases</b> <span style="float: right;">187</span></p> <hr/> <p><b>Treatment failure</b> Number of cases given an extended treatment course (4 or more doses of antibiotic in 10 days): <span style="float: right;">44</span></p> </div>
<div style="border: 1px solid black; padding: 5px;"> <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><b>First calver new infection</b> The number of first calvers that developed a high cell count or clinical case during the report period: <span style="float: right;">62</span></p> <hr/> <p><b>Average new infection rate</b> Average infection rate between herd tests: 2006 - 8.1    11/05/2007 - 9.2 19.0</p> </div>	<div style="border: 1px solid black; padding: 5px;"> <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) <span style="float: right;">64</span></p> <p><b>Failure to cure over the dry</b> Eligible cows that were infected and treated with antibiotic dry cow: <span style="float: right;">47</span> Of these, the number herd tested after calving (10-30 days): <span style="float: right;">8</span> And still had a high cell count or clinical case after calving: <span style="float: right;">1</span></p> <hr/> <p><b>Missed treatments</b> Eligible cows infected and not given antibiotic DCT: <span style="float: right;">14</span></p> <hr/> <p><b>Infections over the dry</b> Eligible cows uninfected in previous lactation: <span style="float: right;">19</span> Of those, the number herd tested after calving (10-30 days): <span style="float: right;">2</span> And developed a high CC or clinical case after calving: <span style="float: right;">1</span></p> <hr/> <p><b>Dry period clinical case rate</b> Number of cows that had a clinical case over the dry period: <span style="float: right;">0</span></p> </div>
<div style="border: 1px solid black; padding: 5px;"> <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><b>Cows prone to clinical mastitis</b> Number of cows in herd with 3 or more clinical cases in a lactation: <span style="float: right;">8</span></p> <hr/> <p><b>Cows infected in multiple lactations</b> Number of cows still infected after 2 consecutive prior lactations despite intervening DCT <span style="float: right;">0</span></p> </div>	<div style="border: 1px solid black; padding: 5px;"> <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: <span style="float: right;">188</span></p> <p>Number of cows more than 240 days into lactation: <span style="float: right;">188</span></p> <p>Of these, the number with 4 or more cell counts (YES reported when more than 80%): <span style="float: right;">120</span></p> <p>And number with a peak cell count above 250,000: <span style="float: right;">76</span></p> </div>