

Fact Sheet

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Mastitis Focus

Mastitis Focus Report

FARMER FRED & ANNE
RIVERVIEW ROAD
DAIRYTOWN 3000

V 1.2018



Report period: 01.08.12 - 17.07.13

Total calvings: 227

Herd test cell count: 277

Herd ID:

Printed: 13.12.2013

YOUR HERD ANNUAL PERFORMANCE SUMMARY

Clinical Case Rates

	Calving	Lactation
Your Herd	3 cases per 100 cows calved	3 cases per 100 cows in milk per month
Trigger	>5	>2

New Infection Rate

	Subclinical & Clinical
Your Herd	8 cases per 100 cows in milk per month
Trigger	>5

Herd Milk Cell Counts

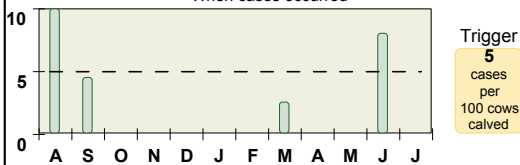
	Average cell count at the 4 most recent tests
	15.07.13 277
	17.06.13 311
	20.05.13 250
	04.03.13 707

KEY MANAGEMENT AREAS IN FOCUS

Your calving system ★

Monthly clinical case rate at calving (all cows)

When cases occurred

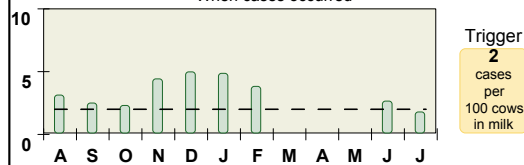


	Your Herd	Trigger
First calver clinical case rate	0 cases per 100 first calvers	>5

Clinical mastitis ★

Monthly clinical case rate in lactation (all cows)

When cases occurred



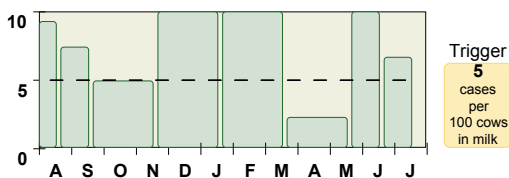
	Your Herd	Trigger
Total clinical cases	70 cases	
Treatment failure (Cases with an extended treatment)	24%	>20%

Spread of infection ★

	Your Herd	Trigger
First calver new infection (Indicates the extent of spread)	11%	>15%

Average new infection rate (all cows)

When clean cows became infected



Previous dry-off strategies ★

	Your Herd	Trigger
Failure to cure over the dry (Existing infections not cured by antibiotic Dry Cow Treatment)	26%	>20%
Missed treatments (Infected cows that didn't receive antibiotic Dry Cow Treatment)	8%	>5%
Infections over the dry (Cows that became infected in the dry-off or at calving)	10%	>10%
Dry period clinical case rate (Indicates the success of the dry-off procedure)	?	>1 case per 100 cows

Culling to control mastitis ★★★

	Your Herd	Trigger
Cows prone to clinical mastitis (Cows in herd with 3 or more clinical cases in a lactation)	5 cows	Any Cows
Cows infected in multiple lactations (Cows still infected after 2 consecutive prior lactations despite intervening DCT)	1 cows	Any Cows

Plan your next drying-off

	Your Herd
Only consider a selective DCT strategy when:	
You have 4 or more cell counts for each cow	Yes
Strep 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	Yes

Star rating

★★★★★ Consistently below trigger points

★★★ Opportunity to reduce risk

★ Seek professional advice

? Insufficient records

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.

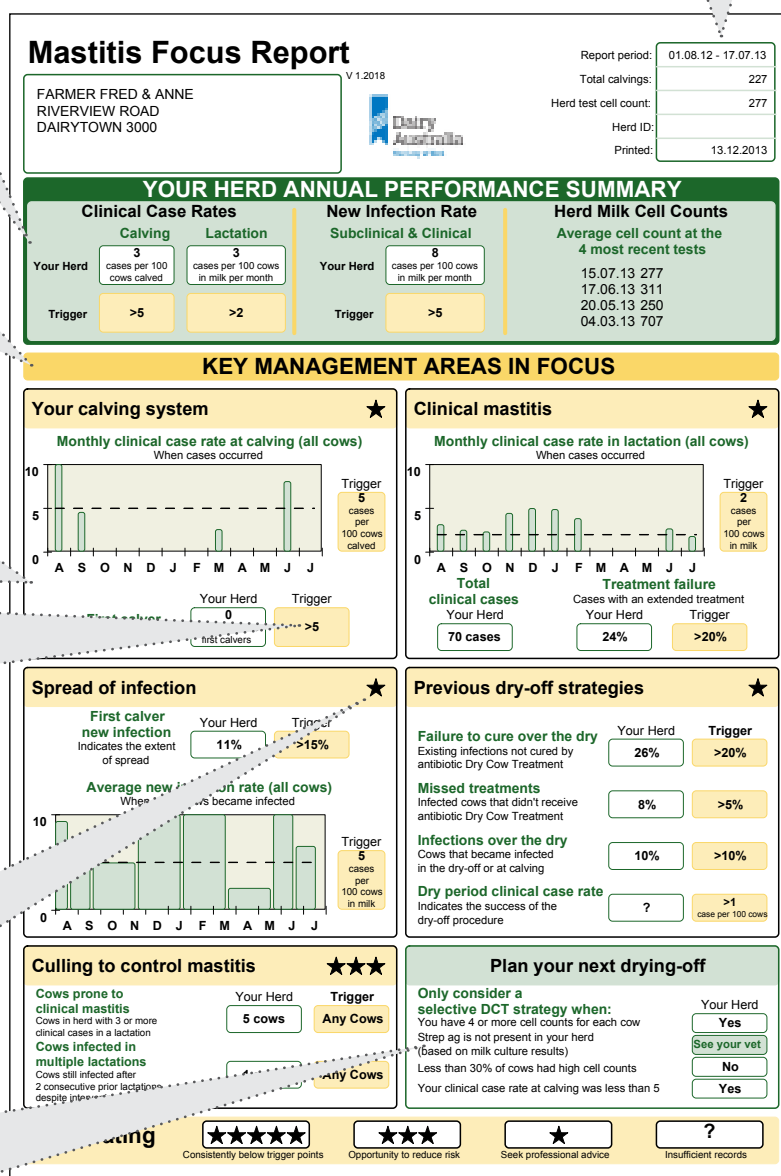
Explore your herd performance in terms of key management areas.

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

The Countdown 2020 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.



Visit mastitisfocus.com.au
 Refer to Guideline 24.2 on page 91 for information about generating a Mastitis Focus Report

Behind your Mastitis Focus Report

Herd ID: ####

Report period 01.08.12 to 17.07.13

FARM DATA BOX -- Check that these records represent your herd

Number of	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	TOTAL
Cows milking	245	260	259	258	245	210	155	181	195	230	225	207	
Cows herd tested	220	247		246		203		132		193	191	198	
Calvings	26	16	1					46	68	47	22	1	227
Heifer calvings		1						10	3				14
Cows culled or died	1	2	9	18		7	1	3	5	1	2	1	50
Clinical cases	10	7	6	11	11	10	5	1			7	2	70
Cows dried-off					35	51	20	54	10	27	18		215
Antibiotic DCT					22	51	20	52	7	27	18		197
Cows given Teat Sealant						52	19	51	4	28	18		172

NUTS AND BOLTS -- Helps cross-check the details behind the key management areas

Your calving system

Calving dates:
 Clinical case records:
 Termination dates:
 Birth dates:

Monthly clinical case rate at calving

Number of clinical cases within 14 days of calving: 7

When they occurred:

Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul
 3 1 1 2

First calver clinical case rate

First calvers that calved during the report period 14
 Clinical cases in first calvers within 14 days of calving 0

Spread of infection

Calving dates:
 Clinical case records:
 Herd test records:
 Termination dates:
 Birth dates:

First calver new infection

The number of first calvers that developed a high cell count or clinical case during the report period: 4

Average new infection rate

Average infection rate between herd tests:

20.08.2012 - 9.3 20.05.2013 - 2.3
 17.09.2012 - 7.4 17.06.2013 - 11.7
 12.11.2012 - 4.9 15.07.2013 - 6.7
 21.01.2013 - 10.3
 04.03.2013 - 13.7

Culling to control mastitis

Clinical case records:
 Herd test records:
 DCT records:
 Termination dates:

Cows prone to clinical mastitis

Number of cows in herd with 3 or more clinical cases in a lactation: 5

Cows infected in multiple lactations

Number of cows still infected after 2 consecutive prior lactations despite intervening DCT 1

Clinical mastitis management

Calving dates:
 Clinical case records:
 Termination dates:
 LCT records:

Monthly clinical case rate in lactation

Number of clinical cases in lactation (from 14 days after calving): 63

When they occurred:

Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul
 7 6 6 11 11 10 5 5 2

Total clinical cases 70

Treatment failure

Number of cases given an extended treatment course (4 or more doses of antibiotic in 10 days): 17

Previous dry-off strategies

Calving dates:
 Clinical case records:
 Herd test records:
 DCT records:
 Termination dates:

Eligible cows (dried-off and re-calved during the report period) 152

Failure to cure over the dry

Eligible cows that were infected and treated with antibiotic dry cow: 137
 Of these, the number herd tested after calving (10-30 days): 42
 And still had a high cell count or clinical case after calving: 11

Missed treatments

Eligible cows infected and not given antibiotic DCT: 9

Infections over the dry

Eligible cows uninfected in previous lactation: 42
 Of those, the number herd tested after calving (10-30 days): 21
 And developed a high CC or clinical case after calving: 2

Dry period clinical case rate

Number of cows that had a clinical case over the dry period: 0

Plan your next drying-off

Number of cows milking at report end date: 204

Number of cows more than 240 days into lactation: 24

Of these, the number with 4 or more cell counts (YES reported when more than 80%): 22

And number with a peak cell count above 250,000: 18

For more information visit: www.dairyaustralia.com.au/mastitis

This report is a guide only and professional advice should be sought about your specific circumstances.

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.

Behind your Mastitis Focus Report

Herd ID: ##
Report period 01.08.12 to 17.7.13

FARM DATA BOX – Check that these records represent your herd													
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NUTS AND BOLTS -- Helps cross-check the details behind the key management areas

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.

Your calving system

Calving dates:
Clinical case records:
Termination dates:
Birth dates:

Monthly clinical case rate at calving
Number of clinical cases within 14 days of calving: 7

When they occurred:
Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul
3 1 1 1 2

First calver clinical case rate
First calvers that calved during the report period: 14
Clinical cases in first calvers within 14 days of calving: 0

Clinical mastitis management

Calving dates:
Clinical case records:
Termination dates:
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Monthly clinical case rate in lactation
Number of clinical cases in lactation (from 14 days after calving): 63

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Total clinical cases: 70

Treatment failure
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Spread of infection

Calving dates:
Clinical case records:
Herd test records:
Termination dates:
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First calver new infection
The number of first calvers that developed a high cell count or clinical case during the report period: 4

Average new infection rate
Average infection rate between herd tests:
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17.09.2012 - 7.4 17.06.2013 - 11.7
12.11.2012 - 4.9 15.07.2013 - 6.7
1.01.2013 - 10.3
13.7

Previous dry-off strategies

Calving dates:
Clinical case records:
Herd test records:
DCT records:
Termination dates:

Eligible cows (dried-off and re-calved during the report period): 152

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Eligible cows that were infected and treated with antibiotic dry cow: 137
Of these, the number herd tested after calving (10-30 days): 42
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Of these, the number herd tested after calving (10-30 days): 21
And developed a high CC or clinical case after calving: 2

Dry period clinical case rate
Number of cows that had a clinical case over the dry period: 0

Culling to control mastitis

Clinical case records:
Herd test records:
DCT records:
Termination dates:

Cows prone to clinical mastitis
Number of cows in herd with 3 or more clinical cases in a lactation: 5

Cows infected in multiple lactations
Number of cows still infected after 2 consecutive prior lactations despite intervening DCT: 1

Plan your next drying-off

Number of cows milking at report end date: 204
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Of these, the number with 4 or more cell counts (YES reported when more than 80%): 22
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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.