

A Quick Guide to reading your SmartSAMM Mastitis Focus report

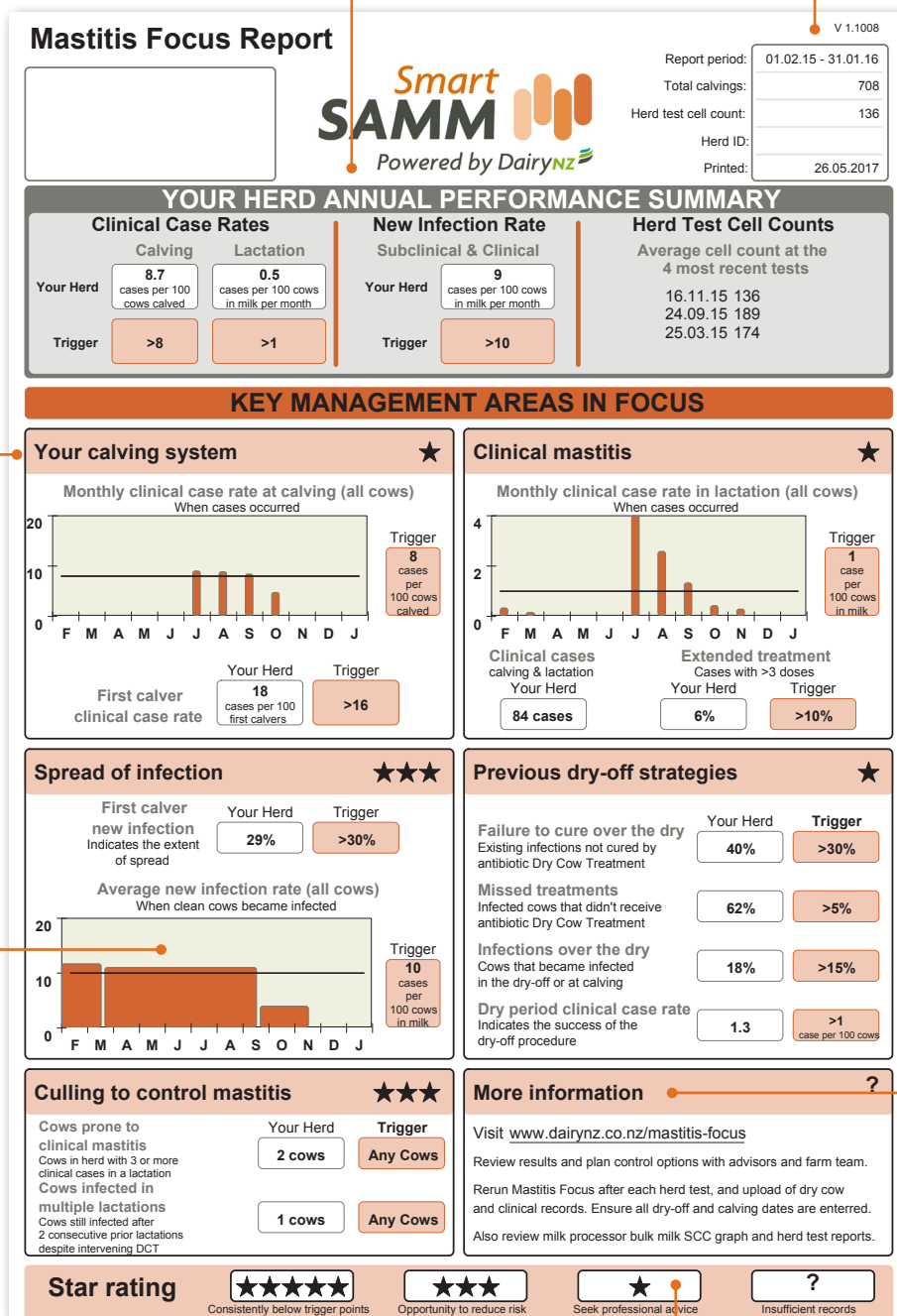
Udder health is described by three basic measures in the herd performance summary:

- the Clinical Case Rates,
- New Infection Rate and
- Herd Test 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 compared to the trigger level.

Use the star rating to decide which areas to follow up or plan to improve. A question mark shows when they cannot be calculated because there is insufficient data.

SmartSAMM Guidelines for Mastitis Control recommends you seek professional advice for measures above the 'trigger' or if your star rating is low

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The **Farm Data Box** referring to the measures on page 1 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.

Behind your Mastitis Focus Report

Report period 01.02.15 to 31.01.16

FARM DATA BOX -- Check that these records represent your herd													
Number of	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	TOTAL
Cows milking	645	621	619	32	29	335	604	700	704	695	688	678	
Cows herd tested		576						644		677			
Calvings					1	330	271	98	8				708
Heifer calvings						140	54	14	1				209
Cows culled, died or sold	29	21	14	92		2	3	5	8	2	10		186
Clinical cases	2	1		21		23	39	17	4	2			109
Cows dried-off			575										575
Antibiotic DCT			182										182
Cows given Teat Sealant			75										75
Heifers given Teat Sealant													

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: 58

When they occurred:

Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan
18 30 9 1

First calver clinical case rate

First calvers that calved during the report period: 209
Clinical cases in first calvers within 14 days of calving: 34

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: 104

Average new infection rate

Average infection rate between herd tests:

25.03.2015 - 11.7

24.09.2015 - 11.0

16.11.2015 - 4.0

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: 2

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): 26

When they occurred:

Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan
2 1 1 9 8 3 2

Total clinical cases

108

Extended treatment

Number of cases given an extended treatment course (4 or more doses of antibiotic in 10 days): 5

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): 477

Failure to cure over the dry

Eligible cows that were infected and treated with antibiotic dry cow:
Of these, the number herd tested after calving (10-30 days): 98
And still had a high cell count or clinical case after calving: 10
And still had a high cell count or clinical case after calving: 4

Missed treatments

Eligible cows infected and not given antibiotic DCT: 136

Infections over the dry

Eligible cows uninfected in previous lactation: 251
Of those, the number herd tested after calving (10-30 days): 38
And developed a high CC or clinical case after calving: 7

Dry period clinical case rate

Number of cows that had a clinical case over the dry period: 24

Acknowledgments

Dairy Australia and Countdown Downunder as creators of Mastitis Focus Report.

MPI Sustainable Farming Fund

Caution:

Complete and up to date electronic records increase the accuracy of the report. This report is a guide only and professional advice should be sought about your specific circumstances.

For more information, visit www.dairynz.co.nz/mastitis

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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 boxes show which records are needed to calculate the measures in each key management area. A ticked box indicates those records were available for analysis.

For more information visit dairynz.co.nz/mastitis