

Mastitis Focus Report

V 1.1015

MACALISTER RESEARCH FARM
PO BOX 87
MAFFRA, 3860



Report period: 01.08.08 - 30.07.09

Total calvings: 291

Herd test cell count: 216

Herd ID: 703293

Printed: 30.07.2009

YOUR HERD ANNUAL PERFORMANCE SUMMARY

Clinical Case Rates

Calving

Lactation

Your Herd

1 cases per 100 cows calved

1 cases per 100 cows in milk per month

Trigger

>5

>2

New Infection Rate

Subclinical & Clinical

Your Herd

5 cases per 100 cows in milk per month

Trigger

>5

Herd Milk Cell Counts

Average cell count at the 4 most recent tests

07.05.09 216

09.03.09 136

06.01.09 173

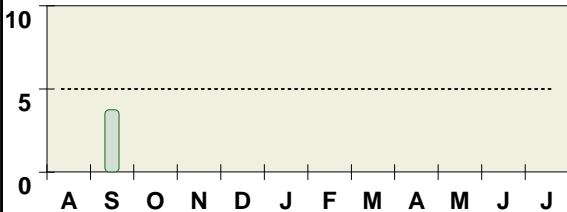
12.12.08 165

KEY MANAGEMENT AREAS IN FOCUS

Your calving system ★★★★★

Monthly clinical case rate at calving (all cows)

When cases occurred



Trigger

5 cases per 100 cows calved

First calver clinical case rate

Your Herd
0 cases per 100 first calvers

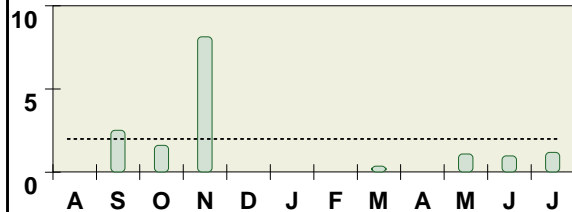
Trigger

>5

Clinical mastitis ★

Monthly clinical case rate in lactation (all cows)

When cases occurred



Trigger

2 cases per 100 cows in milk

Total clinical cases

Your Herd
45 cases

Treatment failure

Cases with an extended treatment

Your Herd
0%

Trigger

>20%

Spread of infection ★

First calver new infection

Indicates the extent of spread

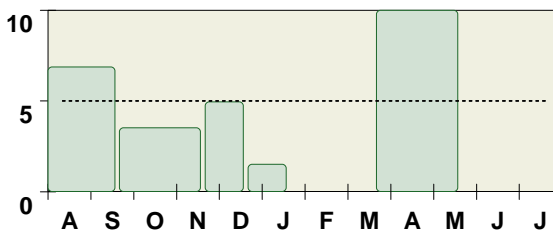
Your Herd
16%

Trigger

>15%

Average new infection rate (all cows)

When clean cows became infected



Trigger

5 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
?

Trigger

>20%

Missed treatments

Infected cows that didn't receive antibiotic Dry Cow Treatment

Your Herd
?

Trigger

>5%

Infections over the dry

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

Your Herd
100%

Trigger

>10%

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

1 cows

Trigger

Any Cows

Cows infected in multiple lactations

Cows still infected after 2 consecutive prior lactations despite intervening DCT

Your Herd
?

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

Strep ag is not present in your herd (based on milk culture results)

Less than 30% of cows had high cell counts

Your clinical case rate at calving was less than 5

Your Herd

Yes

See your vet

No

Yes

Star rating



Consistently below trigger points



Opportunity to reduce risk



Seek professional advice



Insufficient records

Behind your Mastitis Focus Report

Herd ID: 703293

Report period 01.08.08 to 30.07.09

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	273	319	324	305	305	298	282	281	281	278	256	179	
Cows herd tested		196		299	293	293		273		266			
Calvings	201	73	9								1	7	291
Heifer calvings	42	13	1									3	59
Cows culled or died	4	8	21		8	16	1		3	10	2	10	83
Clinical cases		9	5	24				1		3	2	1	45
Cows dried-off	37				1					12	81	137	268
Antibiotic DCT													
Cows 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: 3

When they occurred:

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

First calver clinical case rate

First calvers that calved during the report period 59
 Clinical cases in first calvers within 14 days of calving 0

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): 42

When they occurred:

Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
	6	5	24				1		3	2	1

Total clinical cases

45

Treatment failure

Number of cases given an extended treatment course (4 or more doses of antibiotic in 10 days): 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: 11

Average new infection rate

Average infection rate between herd tests:

11.09.2008 - 6.9	07.05.2009 - 10.7
05.11.2008 - 3.5	
12.12.2008 - 5.0	
06.01.2009 - 1.5	
09.03.2009 - 0.0	

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)

41

Failure to cure over the dry

Eligible cows that were infected and treated with antibiotic dry cow: 0
 Of these, the number herd tested after calving (10-30 days): 0
 And still had a high cell count or clinical case after calving: 0

Missed treatments

Eligible cows infected and not given antibiotic DCT: ?

Infections over the dry

Eligible cows uninfected in previous lactation: 18
 Of those, the number herd tested after calving (10-30 days): 1
 And developed a high CC or clinical case after calving: 1

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: 1

Cows infected in multiple lactations

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

Plan your next drying-off

Number of cows milking at report end date: 34
 Number of cows more than 240 days into lactation: 27
 Of these, the number with 4 or more cell counts (YES reported when more than 80%): 23
 And number with a peak cell count above 250,000: 8

For more information visit www.countdown.org.au.
 This report is a guide only and professional advice should be sought about your specific circumstances.