

Fertility Focus 2021: Seasonal

Lincoln University
The Manager (University Dairy Farm) Hancox

Report date: 29/03/23

PTPT: BQCY

Herd Code: 6/114

No of cows included: 559

These cows calved between: 10/06/21 and 16/12/21

Mating start & end date:
(based on AB or pregnancy test data)
18/10/21 - 01/01/22

Next planned start of calving: 27/07/22

Duration of mating: 76 days

Duration of AB period: 75 days



Version 3.01



1 Overall herd reproductive performance

6-week in-calf rate
Percentage of cows pregnant in the first 6 weeks of mating

Your herd **68%**

☆☆☆

Aim above **78%**

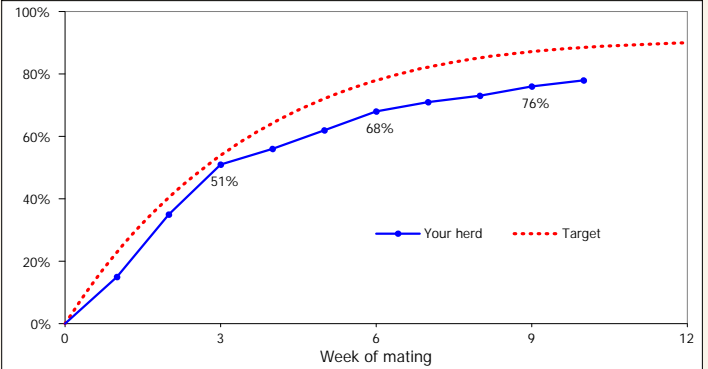
Not-in-calf rate
Percentage of cows not pregnant after 76 days of mating

Your herd **21% (20-21%)**

☆

Aim for **11%**

% of herd in calf
Cumulative by week of mating



2 Drivers of the 6-week in-calf rate

3-week submission rate
% of cows that were inseminated in the first 3 weeks of mating

Your herd **94%**

☆☆☆☆☆

Aim above **90%**

Non-return rate
% of inseminations that were not followed by a return to heat

Your herd **0%**

Aim above **0%**

Conception rate
% of inseminations that resulted in a confirmed pregnancy

Your herd **46%**

☆

Aim above **60%**

3 Key indicators to areas for improvement

Calving pattern of first calvers
Well managed heifers get in calf quickly and calve early.

Calved by **Week 3** **Week 6**

Your herd **87%** **98%**

Aim above **80%** **95%**

☆☆☆☆☆ ☆☆☆☆☆

Calving pattern of whole herd
Did late calvers reduce in-calf rates?

Calved by **Week 3** **Week 6** **Week 9**

Your herd **74%** **91%** **100%**

Aim above **67%** **88%** **98%**

☆☆☆☆☆ ☆☆☆☆☆ ☆☆☆☆☆

Pre-mating heats

A high % of well managed cows will cycle before the start of mating.

Your herd **84%**

☆☆☆☆☆

Aim above **85%**

3-week submission rate of first calvers
Well managed heifers cycle early

Your herd **95%**

☆☆☆☆☆

Aim above **90%**

Heat detection
A high % of early-calved mature cows should be inseminated in the first 3 weeks of mating.

Your herd **94%**

☆☆☆☆☆

Aim above **95%**

Non-cycling cows

Treated non-cyclers get in calf earlier.

Treated **By MSD** **Wks 1-3** **Wks 4-6**

Your herd **0%** **0%** **0%**

Rating	What does it tell me?	What should I do?
☆☆☆☆☆	Top result	Ideal - keep up the good work!
☆☆☆	Above average	Getting there - focus on getting the details right.
☆	Below average	Plenty of room to improve - seek professional advice.
	No result	Not enough information provided - seek help with records.

Performance after week 6
Expected not-in-calf rate helps assess management affecting performance after week 6 (including bull management and herd nutrition).

Not-in-calf rate

Your herd **21%**

Seek advice

Expected **17%**

Behind Your Detailed Fertility Focus Report



Version 3.01



Report period: Cows calved between 10/06/21 and 16/12/21.
This was the most recent period with sufficient herd records that enabled an analysis to be completed.

Report date: 29/03/23

PTPT: BQCY

Herd Code: 6/114

Calvings up to this date requested for analysis: 30/03/22

No of cows included: 559

These cows calved between: 10/06/21 and 16/12/21

Mating start & end date: 18/10/21 - 01/01/22
(based on AB or pregnancy test data)

Calving system: Seasonal

Your herd has been classified as seasonal calving because most calvings occurred in a single batch lasting less than 21 weeks.

Level of analysis: Detailed.

Your good record keeping means a detailed analysis was possible for your herd.

Part A) Herd records cross check

Check that the herd records in the table are complete and correct.

2021/22	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
No. of calvings		212	270	76	1								559
No. of AB matings					373	420	165						958
No. of preg tests								550	151				701
No. of non-aged/late aged positive preg tests													0
No. of cows culled or died					1	1	2	3	13		71	35	126

Part B) Notes on the calculations

Use the following notes to see how your results were calculated.

1 Overall herd reproductive performance

6-week in-calf rate

Your report has been based on the mating and pregnancy test results you supplied. The ACTUAL 6 week in-calf rate is shown for your herd.

Records available for not-in-calf rate

Recorded pregnant	440
Recorded empty	107
Doubtful/recheck*	6
Culled without pregnancy test	6
No record of cull or pregnancy test	0
Cows analysed	559

*Includes cows whose most recent empty diagnosis was less than 35 days after mating end date.

2 Drivers of the 6-week in-calf rate

3-week submission rate

557 cows had calving dates in the required range and were not culled before day 21 of mating and 94% of these were submitted during the first 21 days of mating.

Non-return rate

Non-return rate is not calculated when pregnancy test results provide an accurate estimate of conception rate.

Conception rate

The conception rate was calculated for 940 AB inseminations on and between 18.10.21 and 31.12.21.

3 Key indicators to areas for improvement

Calving pattern of first calvers

152 cows with eligible calving dates were recorded as calving at less than 34 months of age. The calving pattern of first calvers was calculated from their records.

Calving pattern of whole herd

559 cows had calving dates that were eligible for this report.

Pre-mating heats

557 cows had calving dates in the required range and were not culled before day 21 of mating and 468 of these had a pre-mating heat recorded.

Non-cycling cows

No cows were identified as being treated for non-cycling. If you did treat non-cycling cows, please supply records to ensure those cows are identified.

3-week submission rate of first calvers

152 first calvers had calving dates in the required range and were not culled before day 21 of mating and 95% of these were submitted during the first 21 days of mating.

Heat detection

241 cows at least 4 years old at calving had calved at least 8 weeks before mating start date and were not culled before day 21 of mating and 94% of these were submitted during the first 21 days of mating.

Performance after week 6

Your herd's not-in-calf rate and 6-week in-calf rate were used to determine the success of your herd's mating program after the first six weeks. If bulls were used after week 6 of mating, this gives an assessment of how well they got cows in calf.

Induced cows

No cows were identified as having induced calvings. If cows were induced, ensure all inductions are recorded.

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