

Fertility Focus 2023: Seasonal

Lincoln University
The Manager (University Dairy Farm) Hancox

Report date: 26/02/24

PTPT: BQCY

Herd Code: 6/114

No of cows included: 563

These cows calved between: 14/06/23 and 20/12/23

Mating start & end date:
(based on AB or pregnancy test data) 22/10/23 - 14/01/24

Next planned start of calving: 30/07/24

Duration of mating: 85 days

Duration of AB period: 85 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 75% (75-76%)



Aim above 78%

Not-in-calf rate

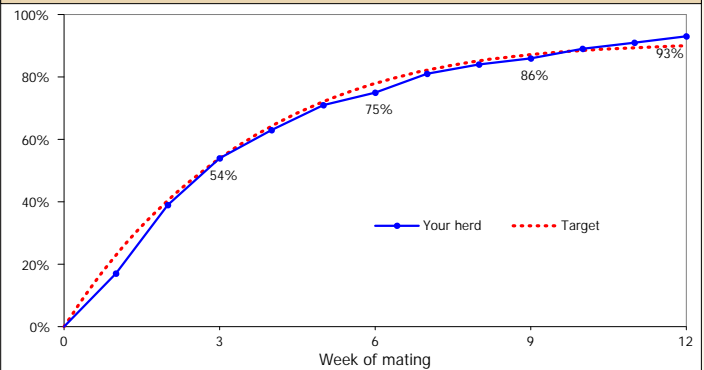
Percentage of cows not pregnant after 85 days of mating

Your herd 7%



Aim for 9%

% 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 91%



Aim above 90%

Non-return rate

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

Your herd

Aim above

Conception rate

% of inseminations that resulted in a confirmed pregnancy

Your herd 53%



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 76% 95%

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 61% 91% 97%

Aim above 67% 88% 98%



Pre-mating heats

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

Your herd 0%



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 93%



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 7%



Expected 12%

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Behind Your Detailed Fertility Focus Report



Version 3.01



Report period: Cows calved between 14/06/23 and 20/12/23.
This was the most recent period with sufficient herd records that enabled an analysis to be completed.

Report date: 26/02/24

PTPT: BQCY

Herd Code: 6/114

Calvings up to this date requested for analysis: 25/02/24

No of cows included: 563

These cows calved between: 14/06/23 and 20/12/23

Mating start & end date: 22/10/23 - 14/01/24
(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.

2023/24	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
No. of calvings		64	399	81	19								563
No. of AB matings					296	458	162	51					967
No. of preg tests			1				592	147	557				1297
No. of non-aged/late aged positive preg tests													0
No. of cows culled or died					5	1		1					7

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	521
Recorded empty	36
Doubtful/recheck*	2
Culled without pregnancy test	4
No record of cull or pregnancy test	0
Cows analysed	563

*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

559 cows had calving dates in the required range and were not culled before day 21 of mating and 91% 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 963 AB inseminations on and between 22.10.23 and 14.01.24.

3 Key indicators to areas for improvement

Calving pattern of first calvers

134 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

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

Pre-mating heats

559 cows had calving dates in the required range and were not culled before day 21 of mating and 0 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

131 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

230 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 93% 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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