DairyBase

By DairyNZ

Extended Graphical Physical Report

DairyBase Report for: Lincoln University Dairy Farm (Farm ID: 420232)

Farming Season: 2024/2025 **Date Printed:** 04/06/2026

Report Benchmark: Region (Canterbury) | Low/medium/High feed input (Medium input (System 3))

Farm business description

Farm name	Lincoln University Dairy Farm
Season	2024-25
Business type	Owner operator
Production system	3 Feed imported to extend lactation 11-20%
Balance month	May

District, Region	Selwyn, Canterbury
Milking interval	Other, (3 times in 48 hours etc)
Calving season	Spring only
Winter milk, Organic	No, No
% farm irrigated	More than 30%

Land (ha)	
Total Dairying area	167.5
Less un-grazable area	7.5
Effective Dairying area	**160**
Dairy Support effective area	65
Non-dairy effective area	0

Labour	
FTE paid labour	3.8
FTE unpaid labour	0.0
FTE unpaid management	0.0
Total FTEs	**3.8**

Stock	
Peak cows milked	560
Predominant breed	Crossbred

Production (financial year)	Total milksolids (kg)
2024-25	257,815
2023-24	261,894
2022-23	247,291

Business Performance Summary

	2024-25	2023-24	2022-23
Physical			
Cows per hectare	3.5	3.5	3.4
kg milksolids per hectare	1,611	1,637	1,546
kg milksolids per cow	460	468	457
Cows per FTE	147	147	164
kg milksolids per FTE	67,846	68,919	74,937

Detailed physical description

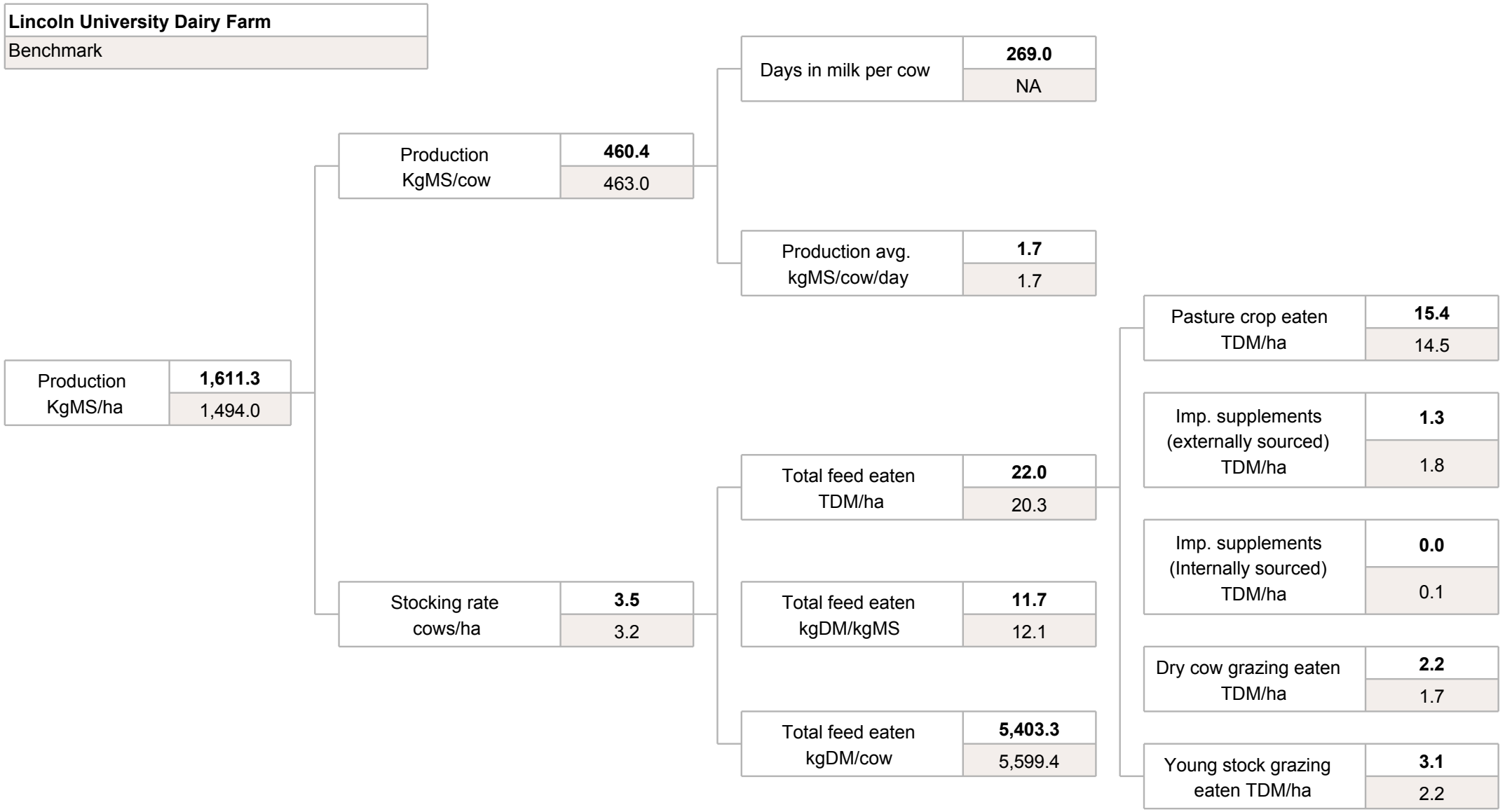
	2024-25		2023-24	2022-23
	Farm	**Benchmark**	**Farm**	**Farm**
Milking area	160.0	258.4	160.0	160.0
Dairy Support block effective area	65.0	34.0	28.0	28.0
% of farm at different height to dairy	0%	9%	0%	0%
Peak cows milked	560	834	560	541
Stocking rate (cow/ha)	3.5	3.2	3.5	3.4
Cow breed	Crossbred		Crossbred	Crossbred
Replacement calves reared	104		113	143
Cow liveweight (kg)	500	485	500	500
BW/reliability	328 / 54 LIC	-	305 / 51 LIC	211 / 51 LIC
PW/reliability	360 / 77 LIC	-	352 / 64 LIC	259 / 77 LIC
Liveweight per ha (kg/ha)	1,750	1,564	1,750	1,691
Production system	3 Feed imported to extend lactation 11-20%		4 Feed imported to extend lactation 21-30%	4 Feed imported to extend lactation 21-30%
Calving season	Spring only		Spring only	Spring only
Nitrogen applied (kg/ha)	174	166	182	170

Benchmark: *Region (Canterbury) | Low/medium/High feed input (Medium input (System 3))*

Average of 38 farms

What drives my production?

Milk production is an important driver of profitability. It is the result of many on-farm factors. The production driver tree below illustrates how these are linked and how your farm compares with the benchmark selected. Further analysis on each area is available in this section.

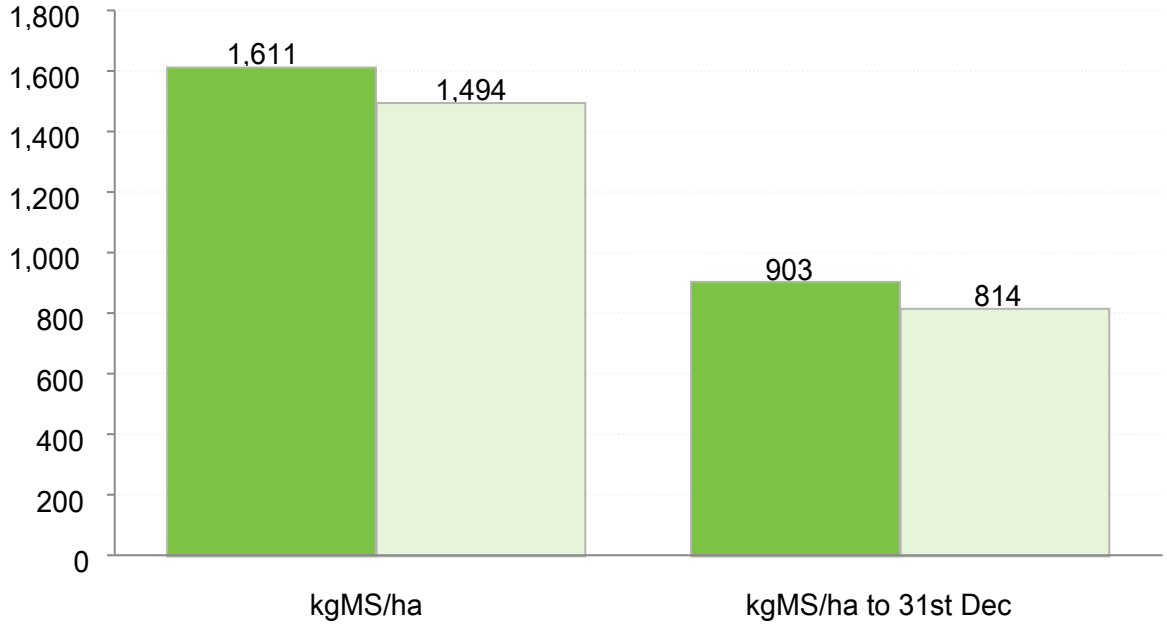


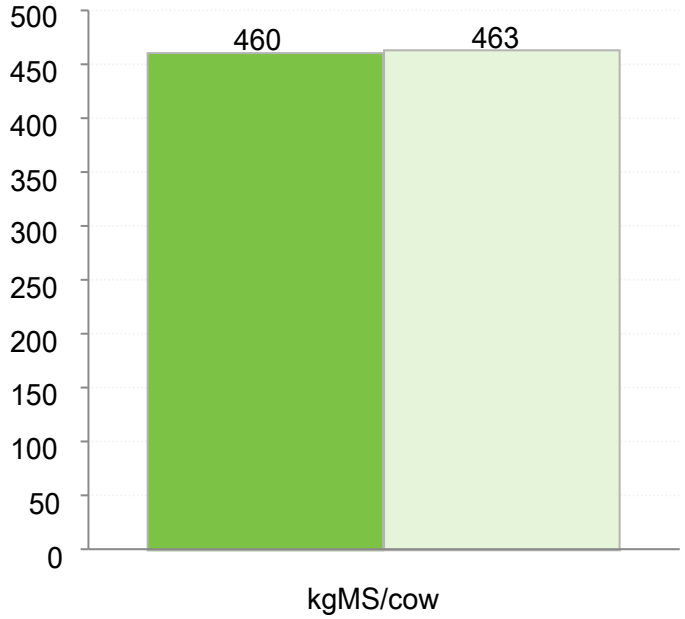
Benchmark: Region (Canterbury) | Low/medium/High feed input (Medium input (System 3))

Average of 38 farms

Milksolids production (to factory - seasonal year)

This page provides an analysis of milksolids production for the 2024-25 season.





	2024-25	
	Your farm	**Benchmark**
kgMS % live weight	92%	96%
Average daily kgMS per cow 10 day peak	2.1	2.1
Average MS/cow/day	1.7	1.7
Monthly production drop: peak to 31 Dec	2.9%	
Days in milk per cow	269	267

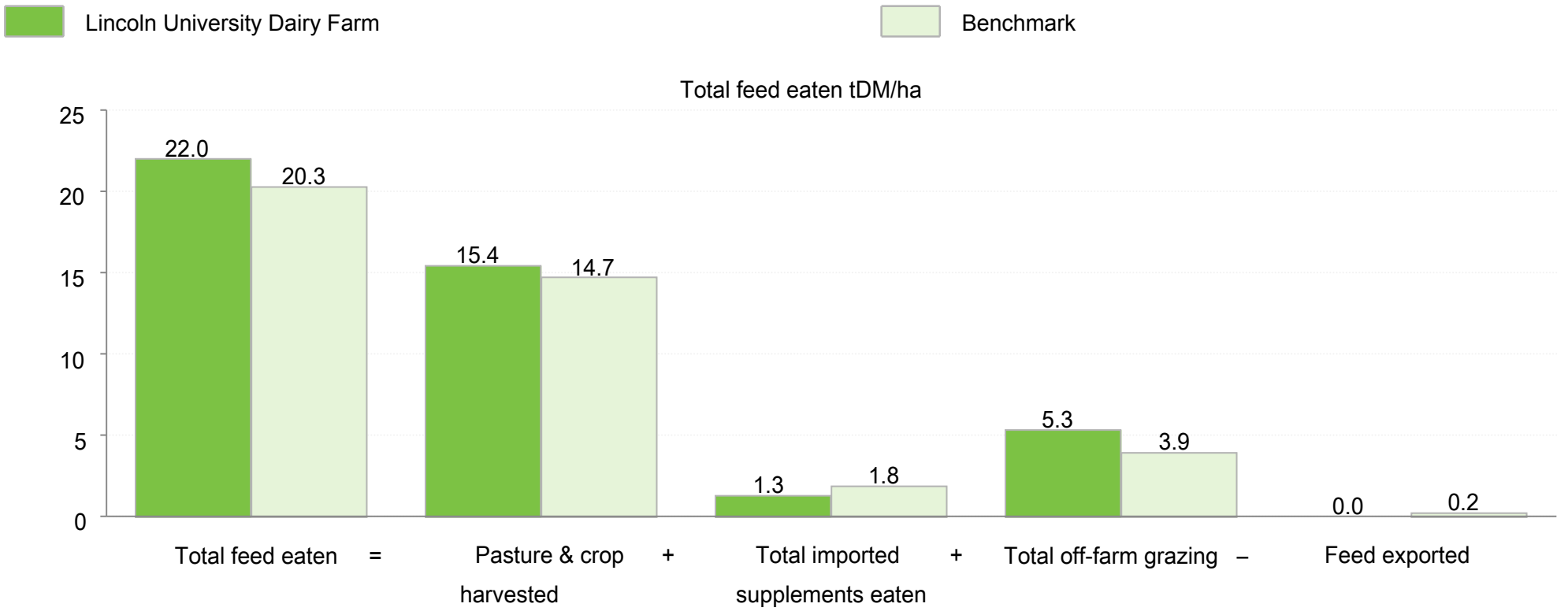
Lincoln University Dairy Farm

Benchmark

Benchmark: Region (Canterbury) | Low/medium/High feed input (Medium input (System 3))
Average of 38 farms

Feed Eaten

This page provides an analysis of feed eaten and crops grazed and harvested for the 2024-25 season.



	2024-25				
	Your farm	**Benchmark**		**Your farm**	**Benchmark**
Imported supplement eaten (kgDM/cow)	362	573	Farm grazed in winter crop (ha)	0.0	8.0
Imported supplement & grazing eaten (kgDM/cow)	999	1,104	Farm grazed in summer crop (ha)	0.0	1.1
Average utilisation imported feed	80%	82%	Farm in harvest crop (ha)	0.0	1.0
Average MJME/kgDM imported feed	12.0	10.8	% farm harvested for hay & silage	13%	17%

Benchmark Region (Canterbury) | Low/medium/High feed input (Medium input (System 3))
Average of 38 farms

Soils, Fertiliser & Irrigation

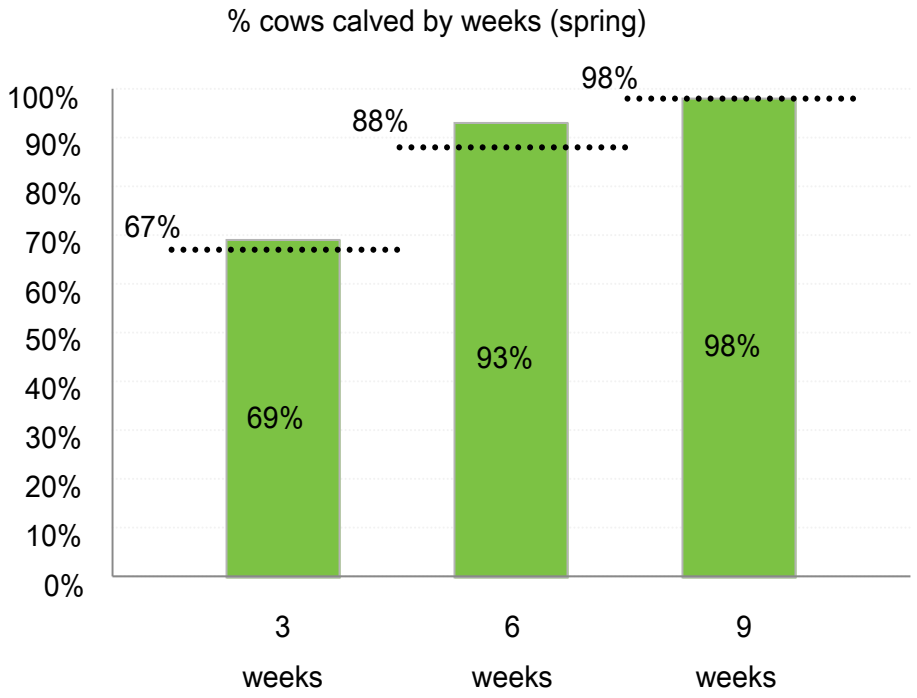
	2024-25		2023-24	2022-23
Soil & Fertiliser	**Farm**	**Benchmark**	**Farm**	**Farm**
Olsen P range	25		25	0
Soil pH range	6.0		5.9	6.0
Nitrogen applied (kg/ha)	174	166	182	170
Phosphate applied (kg/ha)	38	32	36	28
Potassium applied (kg/ha)	0	11	0	0
Lime applied (kg/ha)	0	72	0	0
Irrigation	**Farm**	**Benchmark**	**Farm**	**Farm**
Area irrigated (ha)	0	120	0	0
% of effective area irrigated	99%	91%	99%	91%
Total water applied annually (mm)	341	281	426	132

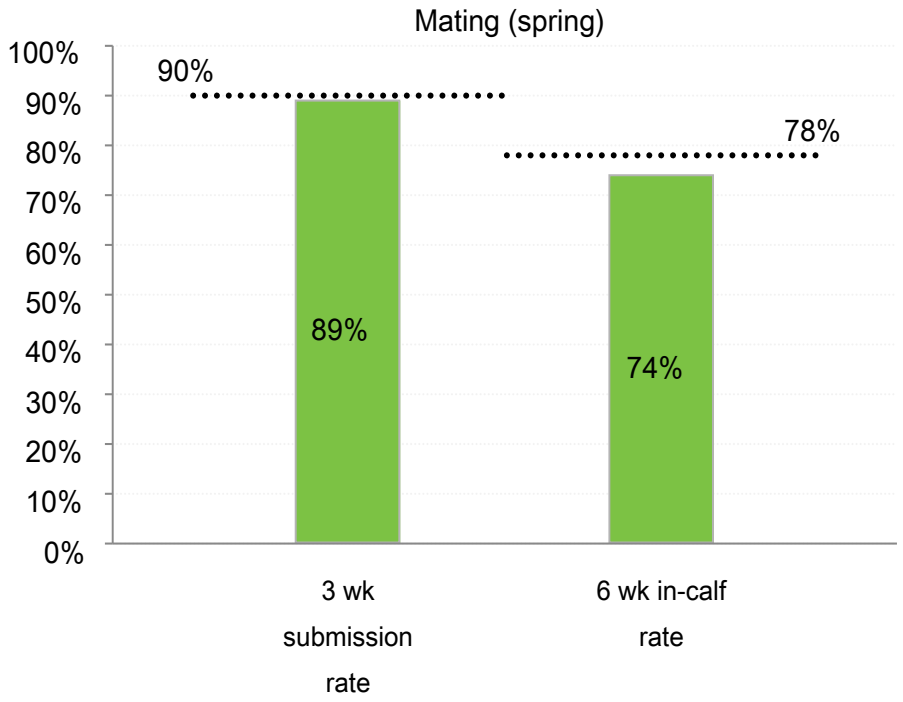
Benchmark *Region (Canterbury) | Low/medium/High feed input (Medium input (System 3))*
Average of 38 farms

Calving & mating

This page provides a summary of your calving and mating for the 2024-25 season. Refer to your Fertility Focus report for further detail.

Lincoln University Dairy Farm Industry target





2024-25				
	Your farm		**Your farm**	**Industry target**
% cows calving in spring (vs. autumn)	100%	Planned start of mating	23-Oct	
Planned start of calving (spring)	30-Jul	Not-in-calf rate	14%	22% *
Planned start of calving (autumn)		Length AB (weeks)	12	
% cows treated for non-cycling	0%	Length of total mating (weeks)	0	

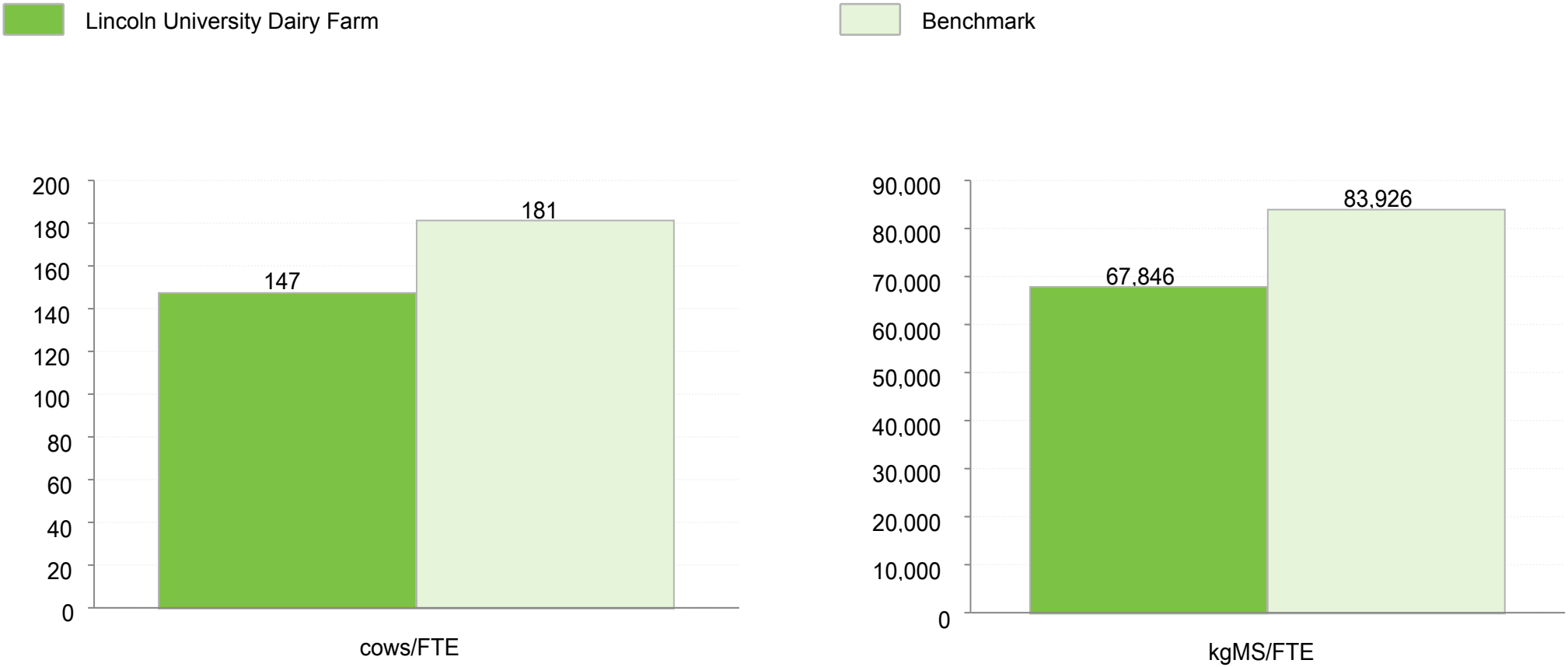
**Not-in-calf rate target is based on length of total mating for the farm. All mating figuires are for spring herd.*

Animal health, wastage and replacements

		2024-25	2023-24	2022-23
	Industry target	**Farm**	**Farm**	**Farm**
Animal health				
Antibiotic treatments for lameness	<3%	26%	4%	4%
Average bulk SCC	<125,000	139,293	142,000	139,000
Antibiotic treatments for mastitis	<8%	16%	21%	12%
Wastage and replacements				
Cows milked 1 Dec as % opening cows	>96%	96%	97%	93%
% herd entering as heifers	18-22%	22%	20%	23%
1st calvers on farm end of season	>86%	88%	0%	85%

People

This page provides information on key performance indicators for people for the 2024-25 season.



Benchmark: *Region (Canterbury) | Low/medium/High feed input (Medium input (System 3))*

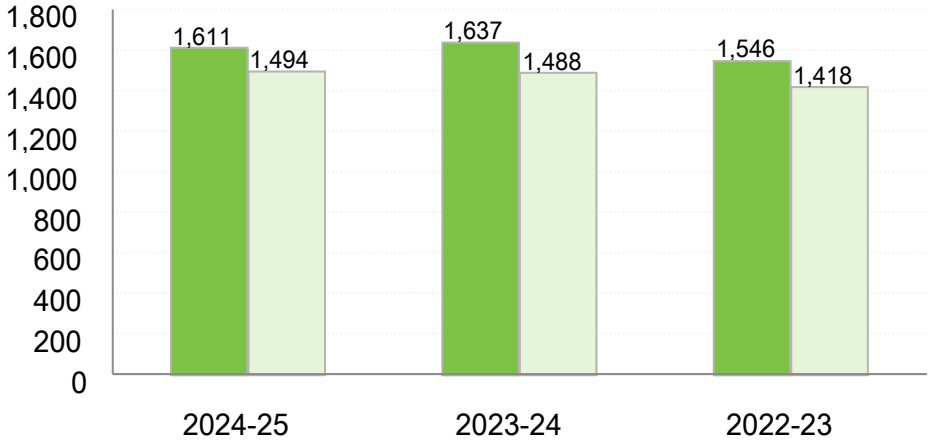
Average of 38 farms

How are my key physical variables changing over time?

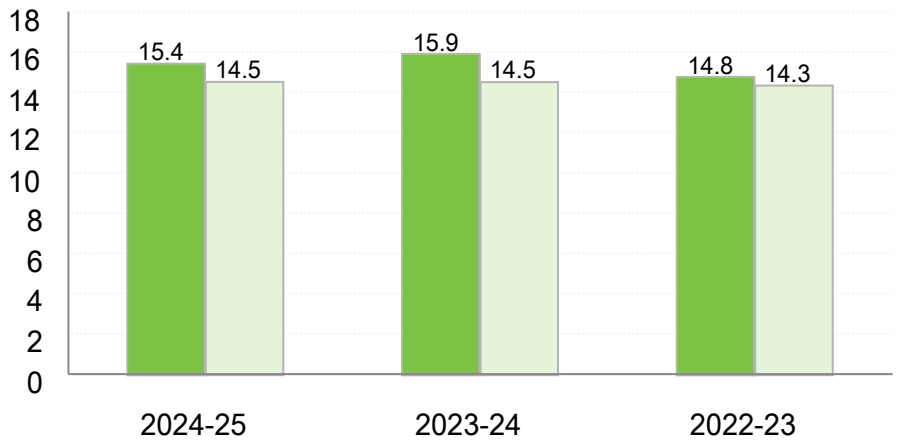
Lincoln University Dairy Farm

Benchmark

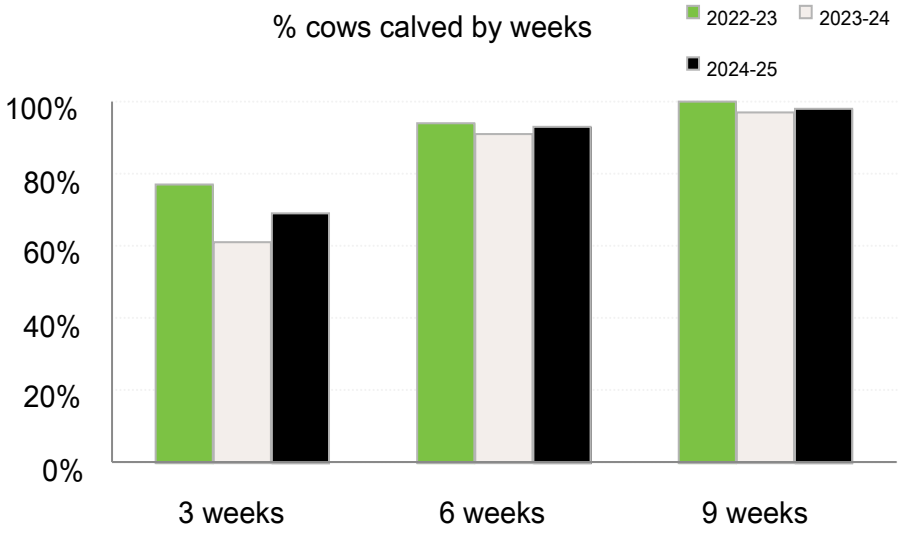
Milksolids production kg per ha



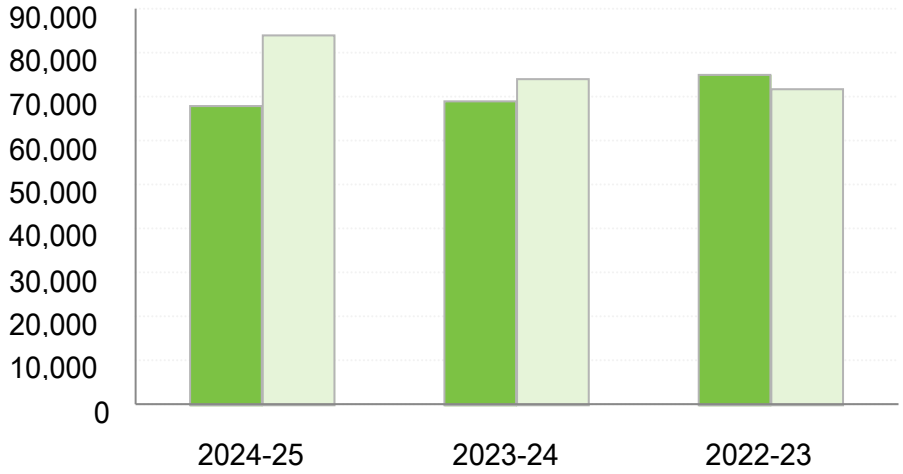
Pasture & Crop eaten T DM per ha



% cows calved by weeks



Milksolids production kg per FTE



Benchmark: *Region (Canterbury) | Low/medium/High feed input (Medium input (System 3))*

Number of farms *38 (2024-25)* *28 (2023-24)* *23 (2022-23)*