



This information was collected in the level-1 questionnaire. It is used to generate adjustments and KPI's in both Financial and Physical Detail reports. Please check that it is correct.

Dairy Co Supplied:	Fonterra	Balance Month:	June
Production System:	4 Feed imported to extend lactation 21-30%	Milking Interval:	Twice a day
Business Type:	Owner operator	Organic:	No
Calving Season:	Spring only	District:	Waimate
Winter Milk:	No	Season's rainfall (mm):	562 NIWA
Region:	Marlborough-Canterbury	NIWA 10 Yr Av Rainfall (mm):	530
% Milking Area Irrigated:	More than 30%		
Farm Dairy Type:	R60		

Stock	
Predominant dairy breed:	Crossbred
Peak Cows Milked:	1,149
Stocking rate (Cows/ha):	3.7
Replacement Calves Reared:	327

Land Area (ha)	
Total Dairying area:	324.0
less Ungrazeable area:	11.2
Effective Dairying area:	312.8
Support block effective area:	0.0
Defined Young Stock area:	0
Non-dairy effective area:	112.8

Labour	
Full time paid labour equivalents:	5.0
Full time unpaid labour equivalents:	0.0
FTE unpaid management:	0.0
Total FTEs:	5.0
Milking Cups per FTE	12

Production	Total	Per ha	Per cow	Composition
Milk Litres:	6,207,777	19,846	5,403	
Fat kg:	305,341	976	266	4.9%
Protein kg:	246,926	789	215	4.0%
Financial year - Milksolids kg:	552,268	1,766	481	8.9%
Production year - Milksolids kg:	552,268	1,766	481	

Number in Benchmark Group:	None
Benchmark Group Selected by:	None
Benchmark Group Ranked by:	

Data entered by:	Financial:	Extended Physical: DairyNZ Project; Forages for Reduced Nitrate Leaching
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Validation Messages: None

Number in Benchmark Group: None
Benchmark Group Selected by:
Benchmark Group Ranked by:

Physical Description	Units	2018-19		2017-18	2016-17	2015-16	2014-15
		Farm	Benchmark	Farm	Farm	Farm	Farm
Milking area	ha	312.8		312.8	312.8	312.8	312.8
Support block effective area	ha	0.0		0.0	0.0	56.0	76.0
Percent of farm at different height to dairy		25%		25%	25%	25%	25%
Peak cows milked		1,149		1,142	1,023	1,029	1,180
Stocking rate	cows/ha	3.7		3.7	3.3	3.3	3.8
Cow breed		Crossbred		Crossbred	Crossbred	Crossbred	Crossbred
Cow liveweight	kg	489		509	470	470	456
Liveweight/ha	kg/ha	1,796		1,858	1,537	1,546	1,720
BW/reliability		82 / 43 LIC		84 / 44 LIC	80 / 41 LIC	115 / 43 LIC	115 / 39 LIC
PW/reliability		119 / 52 LIC		119 / 62 LIC	104 / 46 LIC	148 / 67 LIC	143 / 51 LIC
Season's rainfall	mm	562 NIWA		728 NIWA	597 NIWA	586	419
NIWA 10 Year average rainfall	mm	530		530	500	490	490
Production system		4		4	4	4	5
Calving season		Spring only		Spring only	Spring only	Spring only	Spring only
Nitrogen applied for year	kg/ha	287		280	300	297	281
Milksolids (MS) Production to factory - (Seasonal year)							
Milksolids/ha	kg/ha	1,766		1,619	1,521	1,514	1,534
Milksolids/cow	kg/cow	481		444	465	460	407
MS/ha to 31st Dec	kg/ha	942		869	828	841	856
MS as % of liveweight		98%		87%	99%	98%	89%
10 day peak per cow	kg/day	2.22		2.04	2.01	2.10	2.00
Average Milksolids/cow/day	kg/day	1.8		1.7	1.7	1.7	1.6
Monthly production drop: Peak to 31Dec		8.9%		7.0%	7.1%	7.1%	8.8%
Days in Milk per cow		269		267	266	267	257
Feed Eaten							
feed KPIs based on 11.0 ME Pasture.							
Pasture & Crop harvested	MJME/ha	173,076		170,400	166,047	163,371	151,201
Pasture & Crop harvested	t DM/ha	15.8		15.5	15.1	14.9	13.8
Pasture & Crop eaten	t DM/ha	14.9		15.2	14.5	14.2	12.8
Imported supplements eaten	t DM/ha	3.3		2.4	1.3	1.8	3.5
Grazing off dry cows eaten	t DM/ha	3.1		3.1	2.9	2.8	3.1
Total feed eaten	t DM/ha	21.3		20.6	18.7	18.8	19.3
Feed exported	t DM/ha	0.8		0.3	0.6	0.6	1.0
Imported supplements eaten	kg DM/cow	908		657	391	551	918
Imported supplements & grazing eaten	kg DM/cow	1739		1492	1279	1393	1735
Average utilisation imported supplement		81%		84%	81%	83%	84%
Average ME imported supplements	MJ/kgDM	10.9		11.6	11.2	10.9	11.4
Crops Grazed & Harvested							
Farm area in grazed winter crop	ha	9.1		6.4	6.4	0.0	0.0
Farm area in grazed summer crop	ha	0.0		0.0	0.0	0.0	0.0
Farm area in harvest crop	ha	12.3		6.4	0.0	0.0	31.0
Percent of farm harvested for hay & silage		10%		12%	48%	38%	0%
People							
Cows/Labour unit	cows/FTE	230		215	232	214	219
Milksolids/Labour unit	kg/FTE	110,454		95,577	108,134	98,651	88,862

No DairyBase benchmarks are available for this page, industry targets are provided where applicable.

		2018-19		2017-18	2016-17	2015-16	2014-15
		Target	Farm	Farm	Farm	Farm	Farm
Mastitis and Lameness							
	Units						
Cows treated for lameness		<3%	14%	11%	31%	5%	3%
Average bulk SCC	1000s	<125 *	88	110	128	137	204
Clinical mastitis (1st 6 weeks season)		<8% *	4%	6%	5%	12%	8%
Calving and Mating (Based on InCalf Fertility Focus Report)							
% of cows calving in Spring (vs Autumn)			100%	100%	100%	100%	100%
Planned Start of Calving (PSC)	Spring		06-Aug	06-Aug	05-Aug	01-Aug	02-Aug
% Calved by week 3		67%	65%	71%	68%	74%	68%
% by week 6		88%	86%	88%	89%	94%	90%
% by week 9		98%	96%	97%	96%	98%	96%
% Cows induced to calve			0%	0%	0%	0%	0%
% Cows treated for non-cycling			0%	0%	3%	15%	12%
Planned Start of Mating (PSM)			28-Oct	28-Oct	28-Oct	28-Oct	24-Oct
3-week submission rate		90%	92%	82%	88%	98%	90%
6-week in-calf rate, Actual (A) or Estimated (E)		78%	73% A	72% A	74% A	76% A	78% A
Empty rate		11% * 2018-19	10%	11%	9%	11%	6%
Length of AB	weeks		6	6	6	6	7
Length of total mating	weeks		11	12	10	10	12
Wastage and Replacements							
Cows milked 1 Dec as % of opening cows		>96%	95%	96%	93%	82%	98%
Percent herd entering as heifers		18-22%	24%	31%	33%	20%	27%
1st calvers on farm end of season %		>86%	80%	93%	84%	89%	64%
Soils & Fertiliser							
Olsen P			27	29	30	26	26
Quick test K - Potassium (average)			8	7	8	8	8
Sulphate-S (average)			14	11	14	17	17
Quick test Mg - Magnesium (average)			39	38	40	38	38
Soil pH			6.5	6.3	6.5	6.5	6.5
Phosphate applied for year	kg/ha		33	18	56	58	20
Potassium applied for year	kg/ha		18	13	37	22	42
Sulphate applied for year	kg/ha		28	18	42	55	15
Magnesium applied for year	kg/ha		0	0	0	0	1
Lime applied for year	kg/ha		0	0	0	0	0
Irrigation Benchmark							
Area irrigated	ha		293.5	293.5	293.5	293.5	293.5
Percent of effective area irrigated %			94%	94%	94%	94%	94%
Total water applied annually	mm		252	211	154	544	341
Pasture Eaten kgDM/ha/mm ² (irrgn+rain Sept-Apr)	kgDM/ha/mm		20	23	37	20	25

Comments Industry targets: Empty rate target is based on the length of total mating and relates to the current season. SCC and Clinical mastitis targets are based on top 10%