

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.

<b>Dairy Co Supplied:</b>	Fonterra	<b>Balance Month:</b>	May
<b>Production System:</b>	2 Feed imported for dry cows 4-10%	<b>Milking Interval:</b>	Once a day (16-30 weeks)
<b>Business Type:</b>	Owner operator	<b>Organic:</b>	No
<b>Calving Season:</b>	Spring only	<b>District</b>	Otorohanga
<b>Winter Milk:</b>	No	<b>Season's rainfall (mm):</b>	1332 NIWA
<b>Region:</b>	Waikato	<b>NIWA 10 Yr Av Rainfall (mm):</b>	1,550
<b>% Milking Area Irrigated:</b>	Not Irrigated		
<b>Farm Dairy Type:</b>	H36		

<b>Stock</b>	
<b>Predominant dairy breed:</b>	Jersey
<b>Peak Cows Milked:</b>	470
<b>Stocking rate (Cows/ha):</b>	2.8
<b>Replacement Calves Reared:</b>	150

<b>Land Area (ha)</b>	
<b>Total Dairying area:</b>	175.0
<b>less Ungrazeable area:</b>	5.0
<b>Effective Dairying area:</b>	170.0
<b>Support block effective area:</b>	15.0
<b>Defined Young Stock area:</b>	0
<b>Non-dairy effective area:</b>	0.0

<b>Labour</b>	
<b>Full time paid labour equivalents:</b>	2.0
<b>Full time unpaid labour equivalents:</b>	0.7
<b>FTE unpaid management:</b>	1.0
<b>Total FTEs:</b>	3.7
<b>Milking Cups per FTE</b>	9.8

<b>Production</b>	<b>Total</b>	<b>Per ha</b>	<b>Per cow</b>	<b>Composition</b>
<b>Milk Litres:</b>	0	0	0	
<b>Fat kg:</b>	0	0	0	
<b>Protein kg:</b>	0	0	0	
<b>Financial year - Milksolids kg:</b>	143,950	847	306	%
<b>Production year - Milksolids kg:</b>	143,950	847	306	

<b>Number in Benchmark Group:</b>	29	
<b>Benchmark Group Selected by:</b>	Physical analysis	District groups : West Waikato
<b>Benchmark Group Ranked by:</b>		

<b>Data entered by:</b>	<b>Financial: Annabel Crow</b>	<b>Extended Physical: Annabel Crow</b>
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<b>Validation Messages:</b>	None
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Number in Benchmark Group:	29	
Benchmark Group Selected by:	Physical analysis	District groups : West Waikato
Benchmark Group Ranked by:		

Physical Description	Units	2012-13		2011-12	2010-11
		Farm	Benchmark	Farm	Farm
Milking area	ha	170.0	147.2		
Support block effective area	ha	15.0	45.1		
Percent of farm at different height to dairy		45%	30%		
Peak cows milked		470	448		
Stocking rate	cows/ha	2.8	3.0		
Cow breed		Jersey	Crossbred		
Cow liveweight	kg	440	467		
Liveweight/ha	kg/ha	1,216	1,422		
BW/reliability		115 / 42 LIC			
PW/reliability		132 / 43 LIC			
Season's rainfall	mm	1332 NIWA	1413		
NIWA 10 Year average rainfall	mm	1,550	1,202		
Production system		2			
Calving season		Spring only	Spring only		
Nitrogen applied for year	kg/ha	30	113		
<b>Milksolids (MS) Production to factory - (Seasonal year)</b>					
Milksolids/ha	kg/ha	847	973		
Milksolids/cow	kg/cow	306	320		
MS/ha to 31st Dec	kg/ha	598	656		
MS as % of liveweight		70%	68%		
10 day peak per cow	kg/day	1.70	1.90		
Average Milksolids/cow/day	kg/day	1.4	1.3		
Monthly production drop: Peak to 31Dec		12.2%	9.1%		
Days in Milk per cow		218	240		
<b>Feed Eaten</b>					
feed KPIs based on 11.0 ME Pasture.					
Pasture & Crop eaten	MJME/ha	120,349	129,590		
Pasture & Crop eaten	t DM/ha	10.9	11.8		
Imported supplements eaten	t DM/ha	0.7	1.8		
Grazing off dry cows eaten	t DM/ha	0.0	0.2		
Total feed eaten	t DM/ha	11.7	13.8		
Feed exported	t DM/ha	0.0	0.0		
Imported supplements eaten	kg DM/cow	268	596		
Imported supplements & grazing eaten	kg DM/cow	268	662		
Average utilisation imported supplement		84%	84%		
Average ME imported supplements	MJ/kgDM	10.8	10.7		
<b>Crops Grazed &amp; Harvested</b>					
Farm area in grazed winter crop	ha	0.0	4.1		
Farm area in grazed summer crop	ha	0.0	2.2		
Farm area in harvest crop	ha	0.0	2.0		
Percent of farm harvested for hay & silage		19%	10%		
<b>People</b>					
Cows/Labour unit	cows/FTE	127	149		
Milksolids/Labour unit	kg/FTE	38,905	47,772		

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

		2012-13		2011-12	2010-11
		Target	Farm	Farm	Farm
<b>Mastitis and Lameness</b>					
	<b>Units</b>				
Cows treated for lameness		<3%	4%		
Average bulk SCC	1000s	<125 *	125		
Clinical mastitis (1st 6 weeks season)		<8% *	4%		
<b>Calving and Mating</b> (Based on InCalf Fertility Focus Report)					
% of cows calving in Spring (vs Autumn)			100%		
Planned Start of Calving (PSC)	Spring		15-Jul		
% Calved by week 3		60%	61%		
% by week 6		87%	88%		
% by week 9		98%	97%		
% Cows induced to calve			0%		
% Cows treated for non-cycling			0%		
Planned Start of Mating (PSM)			07-Oct		
3-week submission rate		90%	87%		
6-week in-calf rate, Actual (A) or Estimated (E)		78%	76% A		
Empty rate		7% * 2012-13	5%		
Length of AB	weeks		9		
Length of total mating	weeks		11		
<b>Wastage and Replacements</b>					
Cows milked 1 Dec as % of opening cows		>96%	96%		
Percent herd entering as heifers		18-22%	24%		
1st calvers on farm end of season %		>86%	82%		
<b>Soils &amp; Fertiliser</b>					
Olsen P			20		
Quick test K - Potassium (average)			6		
Sulphate-S (average)			10		
Quick test Mg - Magnesium (average)			8		
Soil pH			5.8		
Phosphate applied for year	kg/ha		38		
Potassium applied for year	kg/ha		0		
Sulphate applied for year	kg/ha		30		
Magnesium applied for year	kg/ha		4		
Lime applied for year	kg/ha		0		
<b>Irrigation</b>					
<b>Benchmark</b>					
Area irrigated	ha	1.7	0.0		
Percent of effective area irrigated %		1%	0%		
Total water applied annually	mm	11	0		
Pasture Eaten kgDM/ha/mm <sup>*</sup> (irrgn+rain Sept-Apr)	kgDM/ha/mm	19	16		

**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%