

# UQ Gatton Dairy Stats

<b>Farm</b>	<b>Nov-15</b>		<b>Dec-15</b>	
Total Dairy Farm Area (ha)	250		250	
Irrigated area (ha)	75		75	
Monthly milk production (L)	133,997		145,348	
<b>Production</b>				
<b>Herd</b>	<b>Herd 1</b>	<b>Herd 2</b>	<b>Herd 1</b>	<b>Herd 2</b>
Milking Cows	110	78	122	90
DIM	135	284	98	287
Milk Yield (L/cow/day)	27.27	18.8	26.55	16.1
Fat %	3.6	3.6	3.8	3.8
Protein%	3.29	3.29	3.33	3.33
SCC	185	185	225	225
Number of dry cows (inc heifers)	47		22	
<b>Ration</b>				
<b>Grazing</b>				
Area in rotation (ha)	15	15	15	15
<b>Pasture Type</b>				
Kikuyu/Chicory	2	4	2	6
<b>Total grazing intake (kg DM)</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>6</b>
<b>PMR (kg DM/cow)</b>				
<b>Silage type</b>				
Corn	4.7	3.7	4.7	3.7
Barley Silage	4.2	4.4	4.2	3.0
Lucerne	3.5	1.8	3.5	1.2
<b>Grain</b>				
Barley	2.2	2.4	2.2	2.4
Wheat	3.1	2.0	3.1	2.0
<b>Protein meal</b>				
Soybean	0.7	0.7	0.7	0.6
Canola	1.4	0.9	1.4	0.9
<b>Minerals</b>				
	0.5	0.5	0.5	0.5
<b>Total PMR intake</b>	<b>20.1</b>	<b>16.4</b>	<b>20.1</b>	<b>14.4</b>
<b>Total DM intake (kg DM/cow/day)</b>	<b>22.1</b>	<b>20.4</b>	<b>22.1</b>	<b>20.4</b>
<b>Diet Cost (\$/cow/day)</b>				
Actual	5.54	4.67	5.54	4.53
Opportunity	7.15	5.88	7.15	5.36
<b>FCE (L milk/kg DM)</b>	<b>1.23</b>	<b>0.92</b>	<b>1.20</b>	<b>0.79</b>
<b>True FCE (\$ Milk income/\$ Diet cost)</b>	<b>2.56</b>	<b>2.09</b>	<b>2.49</b>	<b>1.85</b>

A breakdown cup sanitising line, that we use to clean cups between each cow milking, led to a small increase in Cell count during November and this continued on into December due to the difficulty in getting parts. We mated 60 cows in November and finished the programme on Christmas Eve with the bulls being taken out. Results are unknown at this point as it is too early to PD. The fodder beet ran out in late October and the rye grass gave up towards the end of November. Kikuyu kicked in fairly well and thanks to a fairly cool December. We were able to increase the intake of grass in the second herd. We transitioned the fresh calvers in a separate herd during December and as a result the Heifers have maintained their body weight and we have an average of 26.5 litres at an average of 46 DIM being produced by these heifers.