

<b>Farm</b>	<b>Nov-14</b>		<b>Dec-15</b>	
Total Dairy Farm Area (ha)	250		250	
Irrigated area (ha)	75		75	
Monthly milk production (L)	146,882		149,835	
<b>Production</b>				
<b>Herd</b>	<b>Fresh</b>	<b>Stale</b>	<b>Fresh</b>	<b>Stale</b>
Milking Cows	99	97	104	100
DIM	139	221	136	238
Milk Yield (L/cow/day)	27.2	22.5	30.5	21.7
Fat %	3.8	4.02	3.61	3.48
Protein%	3.07	3.11	3.21	3.16
SCC	220	254	221	249
Number of dry cows (inc heifers)	50		45	
<b>Ration</b>				
<b>Grazing</b>				
Area in rotation (ha)	9	12	9	12
<b>Pasture Type</b>				
Kikuyu			2.5	
Kikyuy/Chicory	3	2.5		3
Turnip	1			
<b>Total grazing intake (kg DM)</b>	<b>4</b>	<b>2.5</b>	<b>2.5</b>	<b>3</b>
<b>PMR (kg DM/cow)</b>				
<b>Silage type</b>				
Corn	3.8	0.0	4.9	4.5
Soybean	0.6	0.6		
Sweetcorn	4.1	4.9		
Pea Hay				
Barley Silage		3.0	3.0	4.3
Sorghum				
Lucerne	1.6	1.6	1.8	1.1
<b>Grain</b>				
Barley	2.3	3.0	2.2	2.9
Wheat	3.3	2.0	3.1	2.0
<b>Protein meal</b>				
Soybean	0.9	0.9	1.0	0.6
Canola	0.9	1.1	1.9	1.4
<b>Minerals</b>	0.5	0.5	0.5	0.5
<b>Total PMR intake</b>	<b>17.9</b>	<b>17.5</b>	<b>18.3</b>	<b>17.2</b>
<b>Total DM intake (kg DM/cow/day)</b>	<b>21.9</b>	<b>20.0</b>	<b>20.8</b>	<b>20.2</b>
<b>Diet Cost (\$/cow/day)</b>				
Actual	5.94	5.54	6.13	5.62
Opportunity	6.08	5.6	6.25	5.75
<b>FCE (L milk/kg DM)</b>	<b>1.24</b>	<b>1.13</b>	<b>1.47</b>	<b>1.08</b>
<b>True FCE (\$ Milk income/\$ Diet cost)</b>	<b>2.37</b>	<b>2.10</b>	<b>2.67</b>	<b>2.07</b>

The drop in milk observed in October is due partly to the DIM but mainly due to the Heat we encountered during the second half of the month. Milk yield continues to be down due to continued heat stress on the animals during November although we were calving the offset of drying cows off saw a decline in numbers milked. The production levels were somewhat disappointing considering this being the case. The increase during December came mainly from cows calving and the temperature moderating somewhat. The components of the milk are causing some concern. The recosting of ingredients also saw a big shift in FCE of the herd but portrays a more realistic outcome.