

# The Dairy Business Report – Tocal Dairy



Department of Primary Industries

**MARCH 2021**

Farm area: 130 ha milking platform

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## A) DAILY SNAPSHOT — OPERATING POSITION

	Units	31/03/2021	28/02/2021
<b>Production</b>			
Milker numbers		246	254
Cows in vat		226	239
kg milks solids/cow/day		1.7	1.86
Litres/cow/day		23.2	24.9
Fat	%	4.1	4.29
Protein	%	3.2	3.19
Average BMCC	'000 cells/ml	155	205
Milk Price:Concentrate Price	cpl:c/kg	1.70	1.99
<b>Grazing and Supplement Feeding</b>			
Grain mix @ \$434/t for month (incl. additive)	kg as fed	7.3	7.3
Silage \$180/tDM	kg DM	9	5.2
Pasture consumption approx.	kgDM/cow/d	2.8	7.7
Area in Rotation	ha	70	68
Grazing Area	ha/24hrs	5.5	4.5
Eat Rate (Pasture consumption rate)	kgDM/ha/d	9.4	31.2
Approx.daily growth rate (irrigated)	kgDM/ha/d	50	70
Leaf emergence rate	days/leaf	3	3
Current rotation length	days	13	15
<b>Total Feed Cost (incl. pasture)</b>	\$/kgMS	<b>3.12</b>	<b>2.90</b>
<b>Daily Margin Over Supplementary Feed Cost (MOSFC)</b>			
Monthly milk price - ex GST, ex levies	\$/kgMS	10.12	9.99
Monthly milk price - ex GST, ex levies	cpl	73.9	74.7
Income/cow	\$/cow/d	17.17	18.58
Supplementary feed cost (including additives)	\$/cow/d	4.78	4.02
<b>MOSFC (Margin Over Supplementary Feed Cost)</b>	\$/cow/d	<b>12.39</b>	<b>14.56</b>
<b>MOTFC (Margin Over Total Feed Cost)</b>	\$/cow/d	<b>7.13</b>	<b>9.16</b>
<b>Net litres (litres milk from pasture)</b>	L/cow/d	<b>16.8</b>	<b>19.5</b>

## COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) has dropped to \$12.39/cow/day. Factors at play here include an increase in cost for barley, addition of mycofix, grazing once/day due to paddocks recovering from wet, hence more fodder (maize and ryegrass silage) being fed and a slight drop in production.

## B) MONTHLY SUMMARY

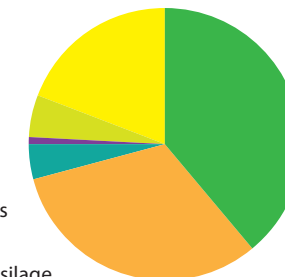
This monthly update provides information on the performance of the farm over the month for milk production, dietary composition (% homegrown feed in diet – our cheapest source of feed), herd structure and pasture management.

### I. Monthly milk production summary

Total volume (litres)	170,411
Total solids (kg fat + kg protein)	12,610
Av. BMCC	180

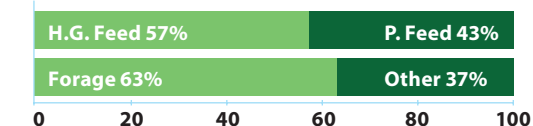
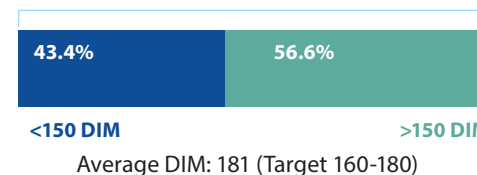
### II. Dietary composition

- 39% Pasture
- 32% Conc.
- 4% Protein meals
- 1% Additives
- 5% H.G. pasture silage
- 19% H.G. crop silage



### III. Herd structure:

Herd recording missed due to flood  
Total milkers: 249



### IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
Urea-125kg/ha	4,5,6,9,10, Mollers	627	1.36	57.5	78.20

\*NB Doesn't include spreading cost

### Irrigation scheduling and moisture profile

March: rainfall = 301 mm, evapotranspiration = 98.4 mm (av 3.1 mm/day, range 1.3 – 5.1mm/d)

Irrigation scheduling (Centre Pivots) – no irrigation.

## COMMENTARY

Flooding covered all the flats killing out lucerne and chicory. One of the worst periods of wet weather, mud, sore feet, foot abscess, mastitis etc seen in years. It has badly affected cow wellbeing in general and conception rates. Mycofix (mycotoxin protection) added to ration due to potential risk of mould/fungus. Autumn sowing – mainly Italian rye, chicory, clover mix on bulk of milking platform with some annual rye/oats/brassica paddocks. All with 125kg/ha DAP fertiliser.