

The Dairy Business Report – Tocal Dairy



Department of Primary Industries

APRIL 2021

Farm area: 130 ha milking platform

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A) DAILY SNAPSHOT — OPERATING POSITION

	Units	30/04/2021	31/03/2021
Production			
Milker numbers		248	246
Cows in vat		231	226
kg milks solids/cow/day		1.78	1.7
Litres/cow/day		22.9	23.2
Fat	%	4.42	4.1
Protein	%	3.36	3.2
Average BMCC	'000 cells/ml	98	155
Milk Price:Concentrate Price	cpl:c/kg	1.87	1.70
Grazing and Supplement Feeding			
Grain mix @ \$402/t for month (incl. additive)	kg as fed	8.3	7.3
Silage \$195/tDM	kg DM	13	9
Pasture consumption approx.	kgDM/cow/d	-	2.8
Area in Rotation	ha	-	70
Grazing Area	ha/24hrs	-	5.5
Eat Rate (Pasture consumption rate)	kgDM/ha/d	-	9.4
Approx.daily growth rate (irrigated)	kgDM/ha/d	-	50
Leaf emergence rate	days/leaf	-	3
Current rotation length	days	-	13
Total Feed Cost (incl. pasture)	\$/kgMS	3.27	3.12
Daily Margin Over Supplementary Feed Cost (MOSFC)			
Monthly milk price - ex GST, ex levies	\$/kgMS	9.63	10.12
Monthly milk price - ex GST, ex levies	cpl	75.0	73.9
Income/cow	\$/cow/d	17.19	17.17
Supplementary feed cost (including additives)	\$/cow/d	5.84	4.78
MOSFC (Margin Over Supplementary Feed Cost)	\$/cow/d	11.35	12.39
MOTFC (Margin Over Total Feed Cost)	\$/cow/d	11.35	*11.88
Net litres (litres milk from pasture)	L/cow/d	-	16.8

*Apologies for error in last month's report - MOTFC should have been \$11.88/cow/d

COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) has dropped to \$11.35/cow/day. Cows were grazing no pasture due to effects of flooding on paddocks and paddocks out of the rotation due to Autumn sowing. Consequently, the diet on the 30th was all from being fed in the bail and on the feed pad. Cost of grain mix has come back \$40/t on March costings with an increase of 1kg/cow/d, while the proportion of silage in the diet has increased 4kgDM/cow/d thus reducing our MOSFC.

B) MONTHLY SUMMARY

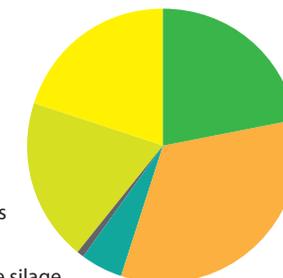
This monthly update provides information on the performance of the farm over the month for milk production, dietary composition (% homegrown feed in diet – our cheapest source of feed), herd structure and pasture management

I. Monthly milk production summary

Total volume (litres)	151,968
Total solids (kg fat + kg protein)	11,702
Av. BMCC	156

II. Dietary composition

- 22% Pasture
- 33% Conc.
- 5% Protein meals
- 1% Additives
- 19% H.G. pasture silage
- 20% H.G. crop silage



III. Herd structure:

Total milkers: 258



IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
No nitrogen fert applied for month – only DAP @ sowing					

*NB Doesn't include spreading cost

Irrigation scheduling and moisture profile

April: rainfall = 33 mm, evapotranspiration = 78.9 mm (av 2.6 mm/day, range 0.9 – 4.2mm/d)



Irrigation scheduling (Centre Pivots) – no irrigation.

COMMENTARY

Still recovering from the extreme wet and flooding effects of late March where pastures on the flat were destroyed and hilly paddocks were subject to heavy pugging due to the absence of dry areas. Limited dry places for cows to graze and rest. Very little grazing with pasture making up only 22% of the diet across the whole month. Mastitis and lameness prevalent and a few pneumonia cases. Sowing of winter pasture delayed due to wet – first oats, brassica and rye will be grazed week starting 17th May. Cows and staff worn out by managing trying, wet, muddy conditions - similar to other farms in flood affected regions.