

The Dairy Business Report – Tocal Dairy

JULY 2021

Farm area: 130 ha milking platform

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A) DAILY SNAPSHOT - OPERATING POSITION

Farm area: 130 ha milking platform

	Units	29/07/2021	30/06/2021
Production			
Milker numbers		274	266
Cows in vat		259	251
kg milks solids/cow/day		2.21	2.24
Litres/cow/day		31	30.0
Fat	%	3.76	4.09
Protein	%	3.37	3.36
Average BMCC	'000 cells/ml	76	128
Milk Price:Concentrate Price	cpl:c/kg	1.74	1.86
Grazing and Supplement Feeding			
Grain mix @ \$390/t for month (incl. additive)	kg as fed	8.5	8.5
Silage \$193/tDM	kg DM	6	6.0
Pasture consumption approx.	kgDM/cow/d	8	7.5
Area in Rotation	ha	80	60
Grazing Area	ha/24hrs	3.5	2.5
Eat Rate (Pasture consumption rate)	kgDM/ha/d	27.3	33
Approx.daily growth rate (irrigated)	kgDM/ha/d	70	70
Leaf emergence rate	days/leaf	9.5	9.5
Current rotation length	days	27	24
Total Feed Cost (incl. pasture)	\$/kgMS	2.81	2.60
Daily Margin Over Supplementary Feed Cost (MOSFC)			
Monthly milk price - ex GST, ex levies	\$/kgMS	9.82	9.74
Monthly milk price - ex GST, ex levies	cpl	70.6	72.6
Income/cow	\$/cow/d	20.66	21.79
Supplementary feed cost (including additives)	\$/cow/d	4.58	4.46
MOSFC (Margin Over Supplementary Feed Cost)	\$/cow/d	16.08	17.33
MOTFC (Margin Over Total Feed Cost)	\$/cow/d	14.79	15.98
Net litres (litres milk from pasture)	L/cow/d	22.8	23.9

COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) is at healthy \$16.08/cow/day. Income per cow driven by strong per cow production, averaging 2.2 kgMS/cow/d. Total feed cost up slightly, partly due to higher grain price. More of the milking platform is gradually coming into the rotation.

B) MONTHLY SUMMARY

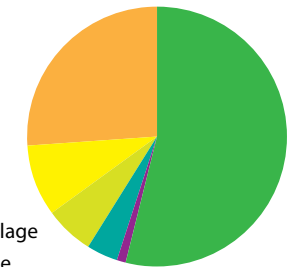
This monthly update provides information on the performance of the farm over the month for milk production, dietary composition (% homegrown feed in diet – our cheapest source of feed), herd structure and pasture management.

I. Monthly milk production summary

Total volume (litres)	244,690
Total solids (kg fat + kg protein)	17,593
Av. BMCC	104

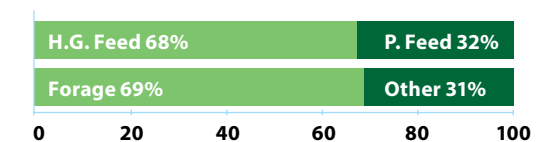
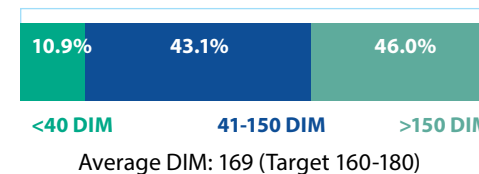
II. Dietary composition

- 54% Pasture
- 26% Conc.
- 4% Protein meals
- 1% Additives
- 6% H.G. pasture silage
- 9% H.G. crop silage



III. Herd structure:

Total milkers: 274



IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
Easy-N	Crop N, #2,3,6,7,8,9,10,11	1103	2.60	29.8	77.21
YaraMila	Reynolds, H/stead, Dip, Top Flat	1350	4.78	29.4	189.00

*NB Doesn't include spreading cost

Irrigation scheduling and moisture profile

July: rainfall = 3 mm, evapotranspiration = 12.2 mm (av 0.4 mm/day, range 0 – 3.6 mm/d).

Irrigation scheduling (Centre Pivots) – 12.5 mm (1 application)

COMMENTARY

By the end of July, most of the paddocks are back in the rotation. Has been a good month for milk production, cow comfort and health. Drying out and started irrigation right at the end of the month. Have noticed how far behind late sown paddocks were this year due to wet weather. Lots of nutrients leached from soil due to extreme wet. Gibberilic acid applied at 30grams/ha across most of the dairy platform through July.