

The Dairy Business Report – Tocal Dairy



Department of Primary Industries

MAY 2021

Farm area: 130 ha milking platform

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A) DAILY SNAPSHOT — OPERATING POSITION

	Units	31/05/2021	30/04/2021
Production			
Milker numbers		259	248
Cows in vat		240	231
kg milks solids/cow/day		1.99	1.78
Litres/cow/day		26.3	22.9
Fat	%	4.31	4.42
Protein	%	3.28	3.36
Average BMCC	'000 cells/ml	98	98
Milk Price:Concentrate Price	cpl:c/kg	1.93	1.87
Grazing and Supplement Feeding			
Grain mix @ \$391/t for month (incl. additive)	kg as fed	7.8	8.3
Silage \$192/tDM	kg DM	6.5	13
Pasture consumption approx.	kgDM/cow/d	6	-
Area in Rotation	ha	50	-
Grazing Area	ha/24hrs	2	-
Eat Rate (Pasture consumption rate)	kgDM/ha/d	31.1	-
Approx.daily growth rate (irrigated)	kgDM/ha/d	60	-
Leaf emergence rate	days/leaf	7-8	-
Current rotation length	days	25	-
Total Feed Cost (incl. pasture)	\$/kgMS	2.69	3.27
Daily Margin Over Supplementary Feed Cost (MOSFC)			
Monthly milk price - ex GST, ex levies	\$/kgMS	9.91	9.63
Monthly milk price - ex GST, ex levies	cpl	75.3	75.0
Income/cow	\$/cow/d	19.77	17.19
Supplementary feed cost (including additives)	\$/cow/d	4.28	5.84
MOSFC (Margin Over Supplementary Feed Cost)	\$/cow/d	15.49	11.35
MOTFC (Margin Over Total Feed Cost)	\$/cow/d	14.41	11.35
Net litres (litres milk from pasture)	L/cow/d	20.6	-

COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) is a healthy \$15.49/cow/day. Cows are back to once per day grazing (oats, rye, brassica mix), as more of the platform comes back into the rotation, with maize and ryegrass silage being fed on feed pad. Flooding and wet paddocks delayed sowing by up to 7 weeks in some paddocks so the farm is effectively one grazing behind where it would have been last year.

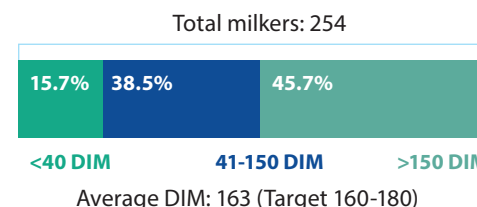
B) MONTHLY SUMMARY

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)	169,484
Total solids (kg fat + kg protein)	13,220
Av. BMCC	142

III. Herd structure:



IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
Urea - 80kg/ha	#10, Crop Nth & Sth, Moller, Peth., Tank	660	1.43	36.8	52.80
Urea-100kg/ha	#1,2,3,4,5,6,9, Cott 1,2 & 3, Wind, Sheep Sth, Gully	660	1.43	46	66.00
Urea-125kg/ha	#7,8,11	660	1.43	57.5	82.50

*NB Doesn't include spreading cost

Irrigation scheduling and moisture profile

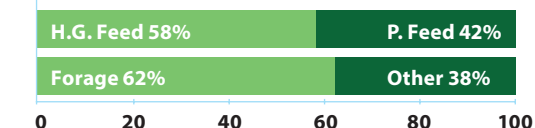
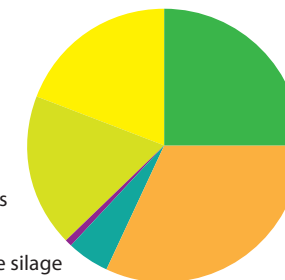
May: rainfall = 64.6 mm, evapotranspiration = 56.8 mm (av 1.8 mm/day, range 0.9 – 3.5 mm/d).



Irrigation scheduling (Centre Pivots) – no irrigation.

II. Dietary composition

- 25% Pasture
- 32% Conc.
- 5% Protein meals
- 1% Additives
- 18% H.G. pasture silage
- 19% H.G. crop silage



COMMENTARY

All the milking platform has been sown with Starter fertiliser at 125kg/ha but most paddocks have had 100kg/ha urea applied about 3 weeks after germination to boost growth, such was the effect of nitrogen depletion from the extreme wet. With normal conditions it is possible to get a good first grazing just from the initial Starter fertiliser application but the rain leached most of the residual nutrient out of the soil.