

The Dairy Business Report – Tocal Dairy



Department of Primary Industries

JANUARY 2022

Farm area: 130 ha milking platform

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A) DAILY SNAPSHOT — OPERATING POSITION

	Units	30/01/2022	31/12/2021
Milker numbers			
Milker numbers		301	299
Cows in vat		273	275
kg milks solids/cow/day		1.72	1.97
Litres/cow/day		24.23	27.58
Fat	%	4.02	4.05
Protein	%	3.10	3.09
Average BMCC	'000 cells/ml	229	152
Milk Price:Concentrate Price	cpl:c/kg	1.80	1.61
Grazing and Supplement Feeding			
Grain mix @ \$394/t for month (incl. additive)	kg as fed	10.0	9.5
Silage \$213/tDM	kg DM	8	8
Pasture consumption approx.	kgDM/cow/d	1.7	4
Area in Rotation	ha	60	60
Grazing Area	ha/24hrs	5	5
Eat Rate (Pasture consumption rate)	kgDM/ha/d	8.7	20
Approx.daily growth rate (irrigated)	kgDM/ha/d	85	80
Leaf emergence rate	days/leaf	5	5
Current rotation length	days	14	14
Total Feed Cost (incl. pasture)	\$/kgMS	3.37	3.13
Daily Margin Over Supplementary Feed Cost (MOSFC)			
Monthly milk price - ex GST, ex levies	\$/kgMS	9.97	8.94
Monthly milk price - ex GST, ex levies	cpl	71.0	63.8
Income/cow	\$/cow/d	17.20	17.59
Supplementary feed cost (including additives)	\$/cow/d	5.50	5.44
MOSFC (Margin Over Supplementary Feed Cost)	\$/cow/d	11.70	12.15
MOTFC (Margin Over Total Feed Cost)	\$/cow/d	11.38	11.43
Net litres (litres milk from pasture)	L/cow/d	16.5	19.1

COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) was impacted by a number of things including in a decline in production per cow, even though there has been an increase in milk price as we move towards Autumn pricing. Extra barley has been added to the diet and canola prices have increased on last month. Less pasture in the diet also. Cows are receiving ryegrass and corn silage (6kgDM and 2 kgDM respectively) due to pasture challenges.

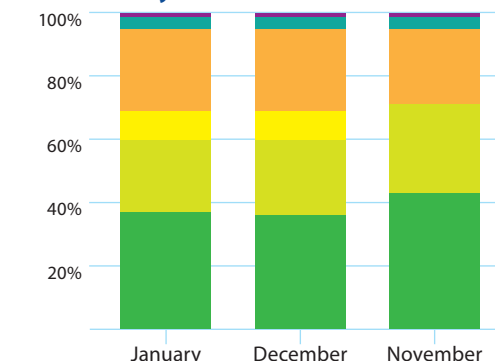
B) MONTHLY SUMMARY

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.

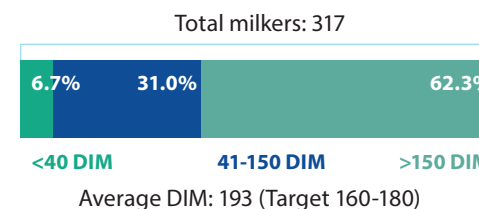
I. Monthly milk production summary

Total volume (litres)	229,344
Total solids (kg fat + kg protein)	16,485
Av. BMCC	216

II. Monthly milker diet



III. Herd structure:



IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
Urea-125kg/ha	Dairy Platform	1,514	3.29	57.5	189.25

*NB Doesn't include spreading cost

Irrigation scheduling and moisture profile

January: rainfall = 94.4 mm, evapotranspiration = 147.8 mm (av 4.8 mm/day, range 1.7 – 6.8 mm/d).

Irrigation scheduling (Centre Pivots) – 24 mm.

COMMENTARY

Three-day sickness has been very severe in the Hunter Valley region and at Tocal, impacting on herd production and health in combination with mastitis issues. Supply chain issues with vaccine has meant unvaccinated cows. Contractor booked in for 21st Feb to start corn silage harvest.