

The Dairy Business Report – Tocal Dairy



Department of Primary Industries

DECEMBER 2021

Farm area: 130 ha milking platform

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A) DAILY SNAPSHOT — OPERATING POSITION

	Units	31/12/2021	30/11/2021
Milker numbers			
Milker numbers		299	314
Cows in vat		275	299
kg milks solids/cow/day		1.97	1.87
Litres/cow/day		27.6	26.1
Fat	%	4.05	4.07
Protein	%	3.09	3.08
Average BMCC	'000 cells/ml	152	235
Milk Price:Concentrate Price	cpl:c/kg	1.61	1.63
Grazing and Supplement Feeding			
Grain mix @ \$396/t for month (incl. additive)	kg as fed	9.5	9.5
Silage \$213/tDM	kg DM	8	5
Pasture consumption approx.	kgDM/cow/d	4	6.4
Area in Rotation	ha	60	85
Grazing Area	ha/24hrs	5	4
Eat Rate (Pasture consumption rate)	kgDM/ha/d	20	23.5
Approx.daily growth rate (irrigated)	kgDM/ha/d	80	85
Leaf emergence rate	days/leaf	5	7
Current rotation length	days	14	21
Total Feed Cost (incl. pasture)	\$/kgMS	3.13	5.78
Daily Margin Over Supplementary Feed Cost (MOSFC)			
Monthly milk price - ex GST, ex levies	\$/kgMS	8.94	8.78
Monthly milk price - ex GST, ex levies	cpl	63.8	62.8
Income/cow	\$/cow/d	17.59	16.39
Supplementary feed cost (including additives)	\$/cow/d	5.44	4.63
MOSFC (Margin Over Supplementary Feed Cost)	\$/cow/d	12.15	11.76
MOTFC (Margin Over Total Feed Cost)	\$/cow/d	11.43	10.61
Net litres (litres milk from pasture)	L/cow/d	19.1	18.7

COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) was impacted by a slightly higher milk price this month and improved production per cow compared to the previous month where cows were struggling with the impacts of very wet conditions. The cost of the grain mix has increased this month due to increases in the cost of barley (\$313/t) and canola (\$460/t).

B) MONTHLY SUMMARY

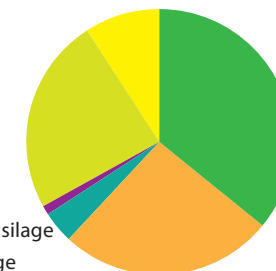
This monthly update provides information on the performance of the farm over the month for milk production, dietary composition (% homegrown feed in diet – our cheapest source of feed), herd structure and pasture management.

I. Monthly milk production summary

Total volume (litres)	233,197
Total solids (kg fat + kg protein)	16,582
Av. BMCC	192

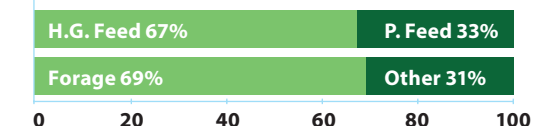
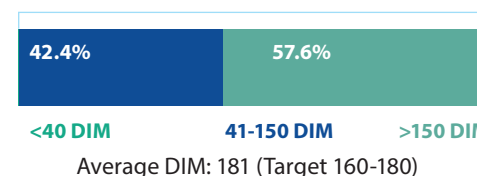
II. Dietary composition

- 36% Pasture
- 26% Conc.
- 4% Protein meals
- 1% Additives
- 24% H.G. pasture silage
- 9% H.G. crop silage



III. Herd structure:

Total milkers: 317



IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
Urea-125kg/ha	Dairy Platform	1,464	3.18	57.5	183.00

*NB Doesn't include spreading cost

Irrigation scheduling and moisture profile

December: rainfall = 73 mm, evapotranspiration = 138 mm (av 4.9 mm/day, range 2.7 – 7.2 mm/d).

Irrigation scheduling (Centre Pivots) – 24 mm.

COMMENTARY

Early December - challenging recovery from flooding/extreme wet with higher than usual cases of mastitis/lameness. More than half of the maize crop was resown due to water logging or being submerged by flood waters. Milk production sustained with good quality ryegrass + corn silage. Summer pastures regularly topped to keep fresh and of good quality. Italian rye under pivots largely destroyed by pugging with extreme wet (no dry ridge country for wet times). Due to Nov and March flooding events, there are serious investigations for a loafing barn for the herd.