

The Dairy Business Report – Tocal Dairy



Department of Primary Industries

FEBRUARY 2022

Farm area: 130 ha milking platform

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A) DAILY SNAPSHOT — OPERATING POSITION

	Units	28/02/2022	30/01/2022
Milker numbers			
Milker numbers		295	301
Cows in vat		283	273
kg milks solids/cow/day		1.67	1.72
Litres/cow/day		22.83	24.23
Fat	%	4.13	4.02
Protein	%	3.23	3.10
Average BMCC	'000 cells/ml	252	229
Milk Price:Concentrate Price	cpl:c/kg	2.05	1.80
Grazing and Supplement Feeding			
Grain mix @ \$370/t for month (incl. additive)	kg as fed	10.5	10.0
Silage \$220/tDM	kg DM	5	8
Pasture consumption approx.	kgDM/cow/d	3.6	1.7
Area in Rotation	ha	80	60
Grazing Area	ha/24hrs	5	5
Eat Rate (Pasture consumption rate)	kgDM/ha/d	13.2	8.7
Approx.daily growth rate (irrigated)	kgDM/ha/d	80	85
Leaf emergence rate	days/leaf	4	5
Current rotation length	days	14	14
Total Feed Cost (incl. pasture)	\$/kgMS	3.28	3.37
Daily Margin Over Supplementary Feed Cost (MOSFC)			
Monthly milk price - ex GST, ex levies	\$/kgMS	10.30	9.97
Monthly milk price - ex GST, ex levies	cpl	76.0	71.0
Income/cow	\$/cow/d	17.35	17.20
Supplementary feed cost (including additives)	\$/cow/d	4.87	5.50
MOSFC (Margin Over Supplementary Feed Cost)	\$/cow/d	12.48	11.70
MOTFC (Margin Over Total Feed Cost)	\$/cow/d	11.84	11.38
Net litres (litres milk from pasture)	L/cow/d	16.4	16.5

COMMENTARY

Continuing to see the impact of wet weather on pasture availability and production with production per cow impacted again this month. On this day there was less homegrown silage in the diet compared to a month ago (5kgDM/cow compared to 6kgDM/cow ryegrass silage and no maize silage). There was half a kilo more barley fed and cows were able to graze more pasture. These factors along with a slight reduction in cost for the grain mix and good autumn milk prices have resulted in a slight increase in margin over feed costs.

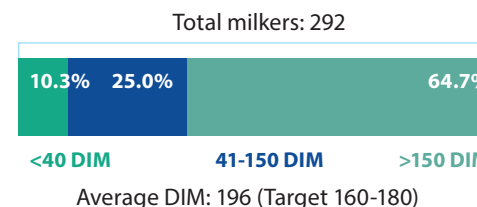
B) MONTHLY SUMMARY

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.

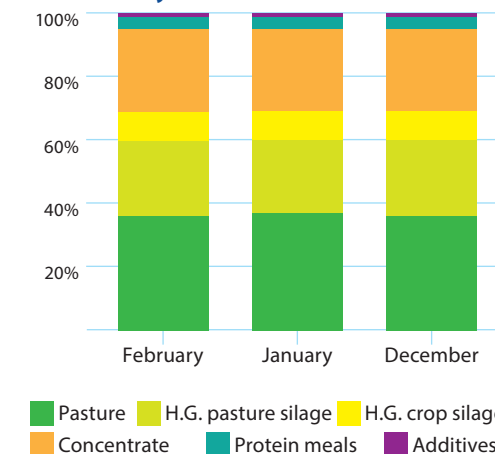
I. Monthly milk production summary

Total volume (litres)	190,572
Total solids (kg fat + kg protein)	14,102
Av. BMCC	240

III. Herd structure:



II. Monthly milker diet



IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
Urea - 125kg/ha	P 1-6, Petherbridge	1464	3.18	57.5	183.00
Urea - 100kg/ha	P9,10, Reynolds	1464	3.18	46	146.40
Starter - 15	Glebe, Windmill	Applied with ryegrass sowing. \$1064/t			

*NB Doesn't include spreading cost

Irrigation scheduling and moisture profile

February: rainfall = 162.2 mm, evapotranspiration = 107.8 mm (av 4.0 mm/day, range 1.2 – 6.6 mm/d).

Irrigation scheduling (Centre Pivots) – 0 mm.

COMMENTARY

There have been many young cows with Three Day Sickness and some deaths. Very wet towards the end of the month with more than half of the rain occurring in the second half of the month. Harvesting of corn silage has been delayed due to wet weather.