

The Dairy Business Report – Tocal Dairy

AUGUST 2021

Farm area: 130 ha milking platform



Department of
Primary Industries

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A) DAILY SNAPSHOT — OPERATING POSITION

	Units	30/08/2021	29/07/2021
Production			
Milker numbers		290	274
Cows in vat		284	259
kg milks solids/cow/day		2.29	2.21
Litres/cow/day		31.5	31.0
Fat	%	3.90	3.76
Protein	%	3.37	3.37
Average BMCC	'000 cells/ml	96	76
Milk Price:Concentrate Price	cpl:c/kg	1.72	1.74
Grazing and Supplement Feeding			
Grain mix @ \$387/t for month (incl. additive)	kg as fed	9.0	8.5
Silage \$193/tDM	kg DM	0	6
Pasture consumption approx.	kgDM/cow/d	13.4	8.0
Area in Rotation	ha	85	80
Grazing Area	ha/24hrs	3.5	3.5
Eat Rate (Pasture consumption rate)	kgDM/ha/d	45.6	27.3
Approx.daily growth rate (irrigated)	kgDM/ha/d	95	70
Leaf emergence rate	days/leaf	8	9.5
Current rotation length	days	24	27
Total Feed Cost (incl. pasture)	\$/kgMS	2.56	2.81
Daily Margin Over Supplementary Feed Cost (MOSFC)			
Monthly milk price - ex GST, ex levies	\$/kgMS	9.31	9.82
Monthly milk price - ex GST, ex levies	cpl	66.8	70.6
Income/cow	\$/cow/d	21.06	20.66
Supplementary feed cost (including additives)	\$/cow/d	3.47	4.58
MOSFC (Margin Over Supplementary Feed Cost)	\$/cow/d	17.60	16.08
MOTFC (Margin Over Total Feed Cost)	\$/cow/d	15.19	14.79
Net litres (litres milk from pasture)	L/cow/d	26.3	22.8

COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) is \$17.60/cow/day, the highest since running this report. Income per cow driven by strong per cow production, averaging 2.29 kgMS/cow/d, with a fresh herd structure (~53% of the herd <150 DIM). Total feed cost has come back mainly due to no conserved fodder in the diet on this day, with the cow's diet being quality Spring pasture and 6.5kg barley, 1.5kg canola plus additives.

B) MONTHLY SUMMARY

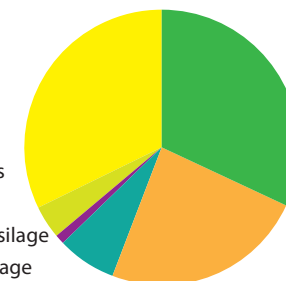
This monthly update provides information on the performance of the farm over the month for milk production, dietary composition (% homegrown feed in diet – our cheapest source of feed), herd structure and pasture management.

I. Monthly milk production summary

Total volume (litres)	257,110
Total solids (kg fat + kg protein)	18,512
Av. BMCC	96

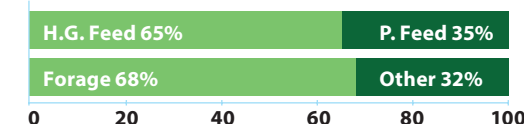
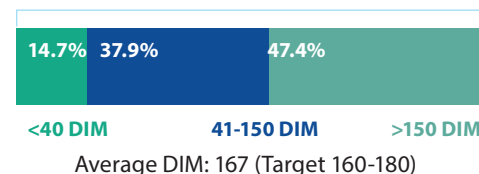
II. Dietary composition

- 32% Pasture
- 24% Conc.
- 7% Protein meals
- 1% Additives
- 4% H.G. pasture silage
- 32% H.G. crop silage



III. Herd structure:

Total milkers: 293



IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
Urea	2,3,4,5,6, Dairy STh, Glebe	1,054	2.29	36.8	84.32
Urea	Dairy Sheep Sth	1,054	2.29	46	105.40
Urea	Glebe	1,054	2.29	69	158.10
YaraMila	7,8 Crop Nth+Sth,Reynolds,Tan	1,059	5.04	31.5	158.85
Yara Salsa + Progibb	2,10,11, Gully	918	3.87	19	73.44

*NB Doesn't include spreading cost

Irrigation scheduling and moisture profile



August: rainfall = 47.6 mm, evapotranspiration = 77.8mm (av 2.5 mm/day, range 1.3 – 3.8 mm/d).



Irrigation scheduling (Centre Pivots) – 36 mm.

COMMENTARY

The end of the month saw ~12ha out of rotation for ryegrass silage production and some additional milking platform being grazed by dry cows and in-calf heifers. Beginning to see evapotranspiration creep up as we enter Spring and an increase in irrigation application. Great environmental conditions and pasture for milk production!