

The Dairy Business Report – Tocal Dairy

18/08/2020

Farm area: 130 ha milking platform

A) DAILY OPERATING POSITION

	This month	Last month
Production		
Milker numbers	279	-
Cows in vat	264	254
kg milks solids/cow/day	2.13	2.03
Litres/cow/day	29.18	27.91
Fat %	3.97	4
Protein %	3.32	3.28
BMCC	102	132
Milk Price (cpl):Concentrate Price(c/kg)	1.38	1.58
Grazing and Supplement Feeding		
Grain mix @ \$472/t as fed (incl. additive)	6.5	7.0
Kikuyu silage \$180/tDM	1.0	2.8
Pasture consumption (kgDM/cow/d) approx.	13.9	10.8
Area in Rotation (ha)	110	120
Grazing Area (ha per 24hrs)	4.6	3.5
Eat Rate (kgDM/ha/d)	35.2	23
Approx.daily growth rate (kgDM/ha)	42	28
Leaf emergence rate (days per leaf)	10	-
Current rotation length (days)	24	-
Total Feed Cost (\$)/kgMS (incl. pasture)	2.18	2.59
Daily Margin Over Supplementary Feed Cost (MOSFC)		
Monthly milk price (\$/kgMS)	8.96	9.79
Monthly milk price (cpl)	65.30	71.30
Income/cow	19.05	19.90
Supplementary feed cost \$/cow (including additives) (as fed)	3.25	3.66
MOSFC/cow (\$/cow/d)	15.81	16.24
Net litres/cow/day	24.2	22.8

COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) is a very healthy \$15.81/cow/day – this is the amount of money/cow to pay ALL the other costs in the business after supplementary feed costs (grain, additives and fodder) have been paid. This is being supported by excellent average herd production of 2.13kgMS/day (29.18L) and good pasture consumption, supplemented with moderate grain in the dairy (6.5kg including minerals).

B) MONTHLY UPDATE

I. Monthly milk production summary

Total volume (litres)	220,292
Total solids (kg fat + kg protein)	16,037
Av. BMCC	107

III. Herd structure

CURRENT HERD PROFILE @27/7/2020	
< 40 DIM	36 (13%)
41 - 150 DIM	108 (39%)
>150 DIM	130 (48%)
Total milkers	274
Average DIM (Target 160-180)	172

IV. Pasture management

Fertiliser

Fertiliser	Rate (kg/ha)	kgN applied/ha	Location	\$/kgN/ha
Urea	100	46	Mollers	\$29.49
Easy N	70L/ha	29.75	Dairy Cottage 1, 2, 3 Paddocks 2, 3, 4, 6, 9 Crop Sth, Darcy,Tank	\$31.37
Gran-Am	200	41	Gully, Glebe, Pad 10	\$21.44

Irrigation scheduling and moisture profile



Soil moisture profile described as full!
Winter rain has been plentiful –
June 53.2 mm, July 105.2mm and August
23.2mm to date.



Irrigation scheduling – zero mm/day

COMMENTARY

The dietary composition chart indicates that there was 70% pasture (homegrown feed) in the herd's diet for the month. At this time of year and going forward into spring the aim will be to hold this high level – directly grazed homegrown feed being the cheapest source of feed in the cow's diet. This is a key driver of profitability in a pasture-based system and the opportunity to utilise as much of this as possible must be capitalised on.

II. Dietary composition (month)

- 66% Pasture
- 24% Conc.
- 5% Protein meals
- 1% Additives
- 4% H.G. Hay

