

The Dairy Business Report – Tocal Dairy



Department of Primary Industries

FEBRUARY 2021

Farm area: 130 ha milking platform

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A) DAILY SNAPSHOT — OPERATING POSITION

	Units	28/02/2021	29/01/2021
Production			
Milker numbers		254	256
Cows in vat		239	246
kg milks solids/cow/day		1.86	1.82
Litres/cow/day		24.9	24.8
Fat	%	4.29	4.12
Protein	%	3.19	3.23
Average BMCC	'000 cells/ml	205	173
Milk Price:Concentrate Price	cpl:c/kg	1.99	1.73
Grazing and Supplement Feeding			
Grain mix @ \$375/t for month (incl. additive)	kg as fed	7.3	7.3
Silage \$250/tDM	kg DM	5.2	7
Pasture consumption approx.	kgDM/cow/d	7.7	5.7
Area in Rotation	ha	68	68
Grazing Area	ha/24hrs	4	4
Eat Rate (Pasture consumption rate)	kgDM/ha/d	31.2	21.3
Approx.daily growth rate (irrigated)	kgDM/ha/d	70	55
Leaf emergence rate	days/leaf	1.5	1.5
Current rotation length	days	15	19
Total Feed Cost (incl. pasture)	\$/kgMS	2.9	2.92
Daily Margin Over Supplementary Feed Cost (MOSFC)			
Monthly milk price - ex GST, ex levies	\$/kgMS	9.99	9.27
Monthly milk price - ex GST, ex levies	cpl	74.7	68.1
Income/cow	\$/cow/d	18.58	16.86
Supplementary feed cost (including additives)	\$/cow/d	4.02	4.75
MOSFC (Margin Over Supplementary Feed Cost)	\$/cow/d	14.56	12.11
MOTFC (Margin Over Total Feed Cost)	\$/cow/d	9.16	
Net litres (litres milk from pasture)	L/cow/d	19.5	17.8

COMMENTARY

Margin Over Supplementary Feed Cost (MOSFC) is a very healthy \$14.56/cow/day. In part this has increased due to less silage in the diet compared to last month and more pasture consumption as well as a move to the autumn pay rates for milk.

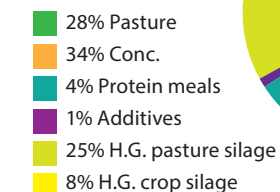
B) MONTHLY SUMMARY

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

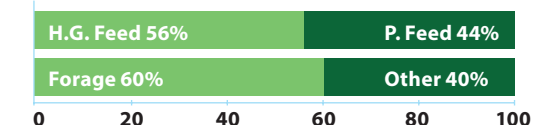
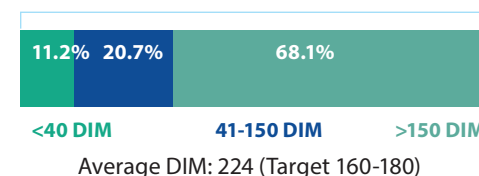
Total volume (litres)	167,747
Total solids (kg fat + kg protein)	12,279
Av. BMCC	189

II. Dietary composition



III. Herd structure:

Total milkers: 251



IV. Pasture management

Fertiliser	Location	\$/tonne	\$/kgN	App rate (kgN/ha)	N cost (\$/ha)*
Urea-100kg/ha	P9 & 10	627	1.36	46	62.70
Urea-125kg/ha	Mollers, Pethebridge, BV, Kikuyu, DS South	627	1.36	57.5	78.20
Granulock Z	Windmill, Crop BV	803	7.30	11	80.30

*NB Doesn't include spreading cost

Irrigation scheduling and moisture profile

February: rainfall = 103.8 mm, evapotranspiration = 149.4 mm (av 5.3 mm/day, range 0.2 – 31.8mm)

Irrigation scheduling (Centre Pivots) – an average of 9.5 mm applied/pivot, total water ~2.7ML.

COMMENTARY

34 ha of corn silage (99 day variety) production started at the beginning of the month (delayed by a week due to wet weather). Crop experienced some minor fall army worm and heliothis damage, but worst of it was sprayed early, so minimal damage. Estimating 15-20TDM/ha. Looking forward to feed test results. See Tocal College Facebook page for [silage making in action!](#)