

Macalister Demonstration Farm

Macalister Demonstration Farm Update 475 (Week ending 8th June, 2018)

MACALISTER DEMONSTRATION FARM	Farm Location: Maffra		
Description: The MDF is located at Maffra in Gippsland Victoria in the Macalister Irrigation District. The farm has a milking area of 73 ha and is fully irrigated.	Last fortnight	8/6/18	
<u>Production</u>			
Cow numbers (herd and vat)	286 cows	286	
Cow production/day	17.0	16.6	litres
Fat %	3.98	4.15	%
Protein %	4.04	4.04	%
Kg milk solids/cow /day	1.36	1.36	kgMS
BMCC	240,000	230,000	
<u>Grazing and Feeding</u>			
Concentrates	6.8	6.8	kgDM/day
Cost of concentrate (wheat)	\$0.38	\$0.38	c/kg DM
Additive (Performer ME-125 plus Calciprill)	15	15	c/cow
Cost of hay			c/kgDM
Silage	4.0	4	kgDM/day
Cost of silage per kg DM	\$0.22	\$0.22	c/kgDM
Pasture demand (milkers)	4.3	3	kg DM/cow/day
Pasture demand (kgDM/ha/day) (all stock on farm)	17	11.8	kg DM/ha/day
Area in rotation (ha)	73	73	ha
Rotation length (days)	40	40	days
Grazing Area (ha per 24 hours)	1.8	1.8	ha
<u>Daily Income over Supplementary Feed Costs (IOSFC)</u>			
Milk Price (on current tests)	\$6.73	\$6.72	\$/kg milk solids
Milk Price	53.8	55.1	c/litre
**Income/cow	\$9.15	\$9.14	\$/cow/day
Supplementary Feed Cost/cow	\$3.61	\$3.61	\$/cow/day
IOSFC/cow	\$5.54	\$5.53	\$/cow/day
IOSFC/milking ha	\$21.70	\$21.67	\$/ha/day
Net litres/cow	10.3	10	Litres/day
Irrigated pasture cost	0	0	\$/cow/day
Irrigated pasture cost per kg	\$0.12	\$0.12	c/kg DM
Net margin after supplements and irrigated pasture	\$5.54	\$5.53	\$/cow/day

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