

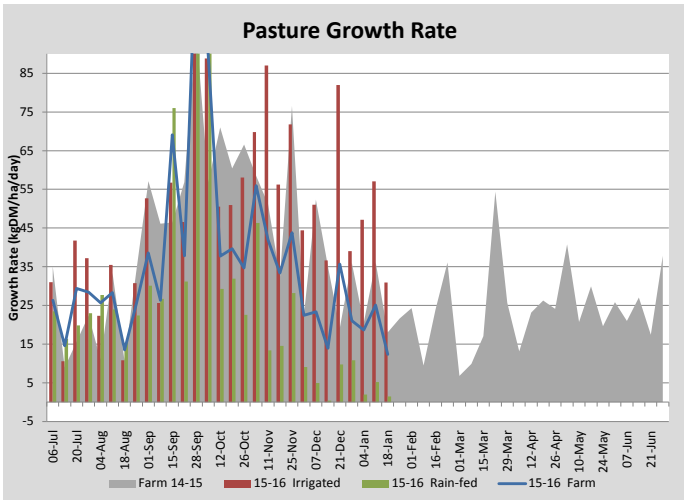
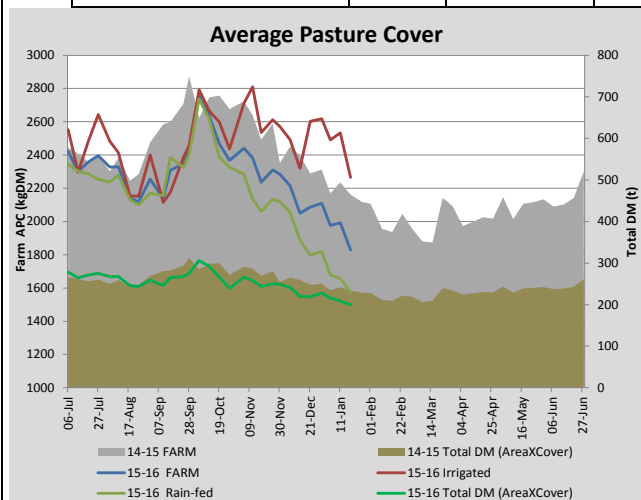
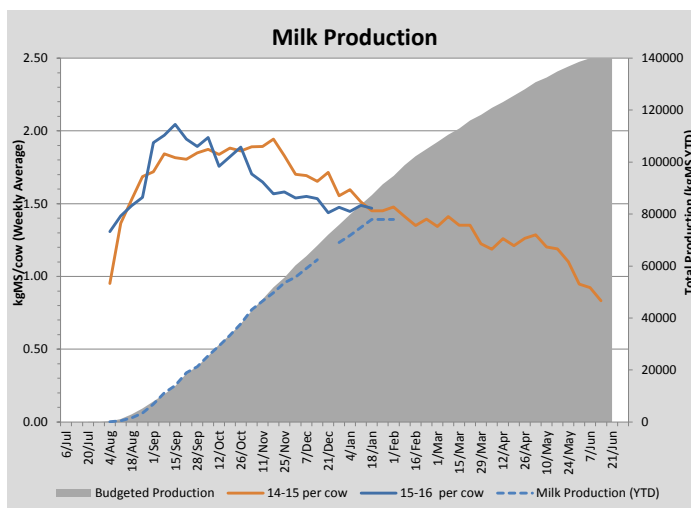
Key Summary Points

- 1 With heavy reliance on irrigated areas as the only grazed pasture, irrigated covers have declined over the past week. Dryland covers continue to decline even without grazing.
- 2 Pregnancy testing shows a 72% success rate to the the 3-weeks AI mating period for the milking herd. As a lot of cows have been culled prior to pregnancy testing, a true 6 week incalf value cannot be provided. Mating of heifers was very succesful (using synchronisation) with only 3 empty out of 106 and a 92% 6 week incalf rate.
- 3 Key focus for the coming week is to extend the rotation across the farm to 100 days (or greater) and to monitor irrigation scheduling to maximise growth on the remaining irrigated area.

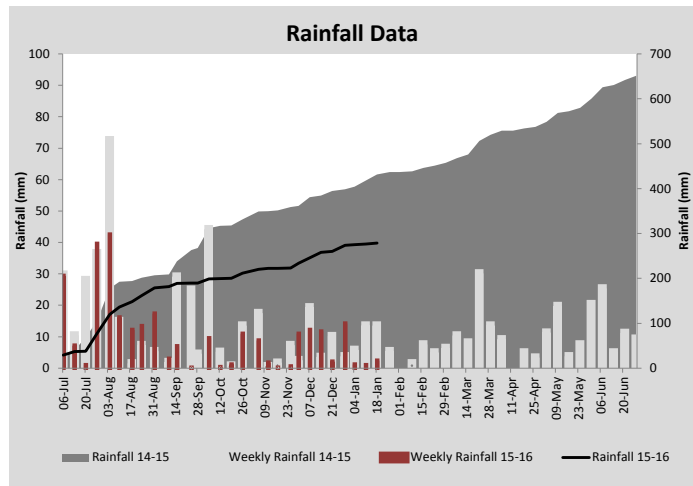
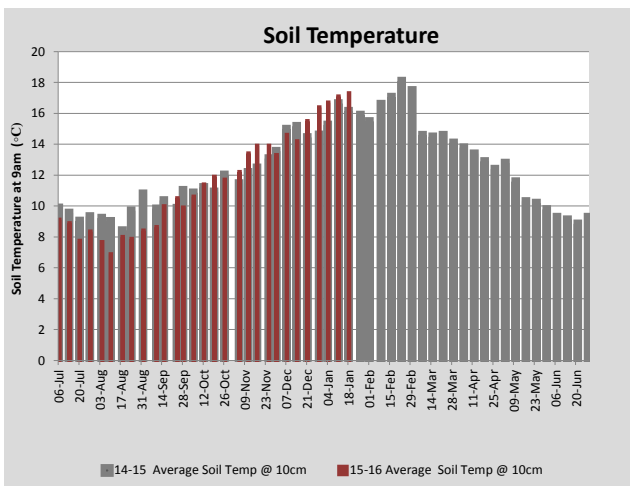
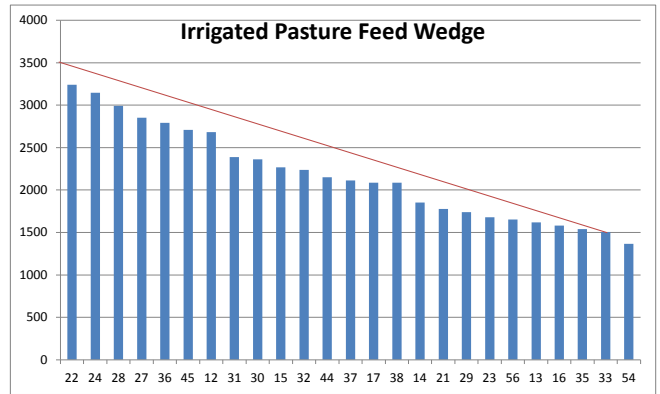
PASTURE INFORMATION	Farm			Irrigated			Rain-fed		
	Last Week	This Week	Variation	Last Week	This Week	Variation	Last Week	This Week	Variation
Grazed milking area (ha)	104.7	109.1	4.4	42.2	40.1	-2.1	66.9	68.9	2
Rotation Length (days)	95	99	4	45	36	-9	308	0	-308
Grazing allocation per day (ha)	1.1	1.1	0.0	0.9	1.1	0.2	0.2	0.0	-0.2
Average time since last grazed (days)	67	66	-0	40	34	-6	83	85	2
Leaf appearance rate (days per leaf)	16	17	1	13	13	0	18	19	1
Average Pasture Cover (kgDM/ha)	1993	1829	-163	2533	2266	-267	1657	1575	-82
Pasture Growth Rate (kgDM/ha/day)	25	12	-13	57	31	-26	5	1	-4
Post Grazing Biomass (kgDM/ha)	1330	1320	-10						
Nitrogen applied YTD (kgN/ha)	66	66	0	12	0	-12	0	0	0

*Please note all pasture calculations detailed above are based on the current Grazed Milking Area

MILK PRODUCTION	Last Week	This Week	Variation
Average No. cows in milk (vat)	302	300	-2
Litres per cow	19.1	18.7	-0.3
% Fat	4.45	4.51	0.07
% Protein	3.33	3.39	0.06
MS/cow/day	1.49	1.47	-0.02
MS/ha/day	3.98	3.90	-0.08
BMCC	179,143	138,667	-40,476
Average Liveweight (kg)	483	488	5
	Budget	To Date	Variation
Total Milk Production (kgMS)	87,300	77,953	89%
MS/ha YTD	766	731	-35



Last 7 days					
Milkers Diet	kg DM	MJ ME	CP (%)	NDF (%)	\$/cow
Pasture Intake	7.4	0.0	0.0	0.0	0.0
Concentrates	7.0	12.5	16.0	16.0	0.0
Silage	2.6	0.0	0.0	0.0	0.0
Grazed forage	1.0	0.0	0.0	0.0	0.0
Other feeds	0.0	0.0	0.0	0.0	0.0
Total	18	88	6.3	6.3	0
Target		191	16-18	>33	0



Analysis			
Expected growth rate next 7 days (kgDM/ha/day)	19	Target Leaf Grazing Stage	2.5-3.0
Total Demand from Pasture (kgDM/ha/day)	23	Predicted APC 7 days time	1799
APC balance (kgDM/ha/day)	-4	Predicted APC Change	-30.2

Discussion

Average covers have dropped across the milking platform this week. Covers have dropped more than we would have liked on the irrigated portion of the platform due to poor growth rates and extended periods of grazing with the R2 heifers grazing behind the cows in some paddocks (to manage residuals). Heifers will be removed from the milking platform this coming week to reduce demand. 40 tonne of palm kernel expeller (PKE) has been ordered and will be fed to the R2 heifers at 4 kgDM/head/day, along with 1kg DM pasture and 2.5-3 kg DM silage and/or hay. Paddocks on the run off are being subdivided to facilitate more efficient strip grazing. PKE will be fed in disused concrete troughs set up as temporary feed pads. We will start supplementing cows with PKE at a rate of 4 kgDM/cow/day. This will be fed in the paddock on a modified bale feeder. R1 heifers are currently receiving 1 kgDM pasture, 2 kg DM silage and 0.9 kg DM canola meal. Both the fixed and k-line irrigation (12ha) were turned off this week reducing the irrigated area to 24ha being watered by the centre pivot. Pregnancy testing shows a 72% success rate to the 3-weeks AI mating period for the milking herd. As a lot of cows have been culled early prior to pregnancy testing a true 6 week incalf value cannot be provided. Mating of heifers was very successful (using synchronisation) with only 3 empty out of 106 and a 92% 6 week incalf rate. We will look to cull older late calving/empty cows and empty heifers in the coming weeks. The focus for the coming week is to extend the rotation across the farm to 100 days (or greater) and to monitor the irrigation to maximise growth on the irrigated pasture.

18 January 2016

