

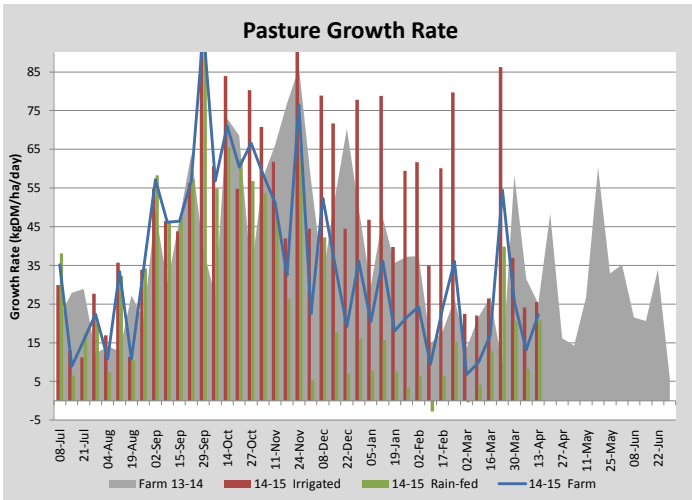
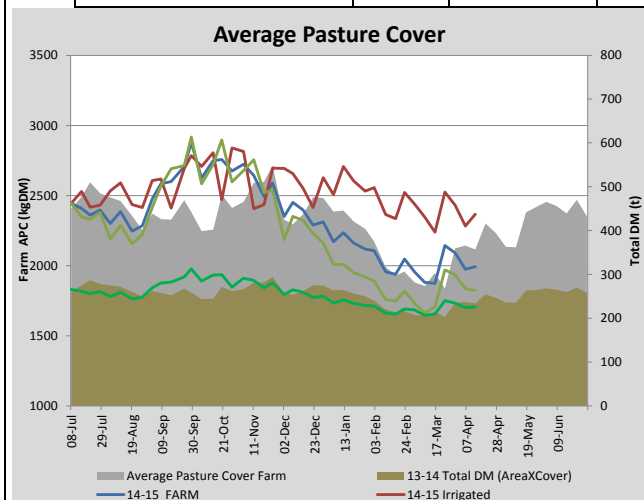
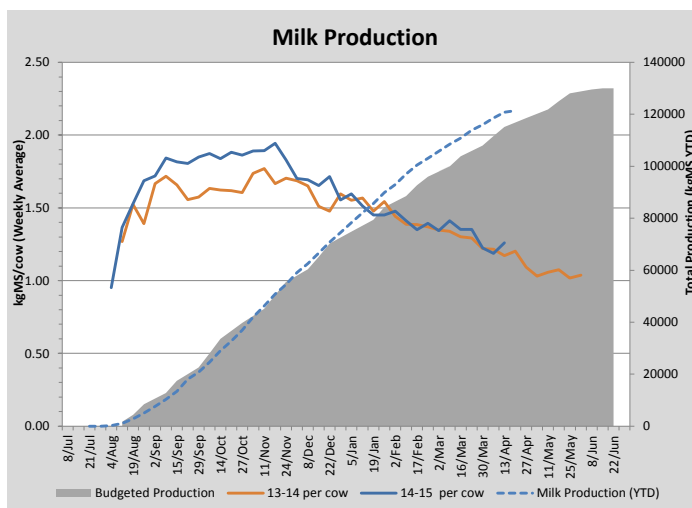
**Key Summary Points**

- 1 Per cow production has climbed slightly this week as both quality and quantity of grass has improved.
- 2 Dry conditions (no recorded rainfall) and decreasing soil temperature are negatively impacting on (budgeted) pasture growth.
- 3 Cow condition is holding.

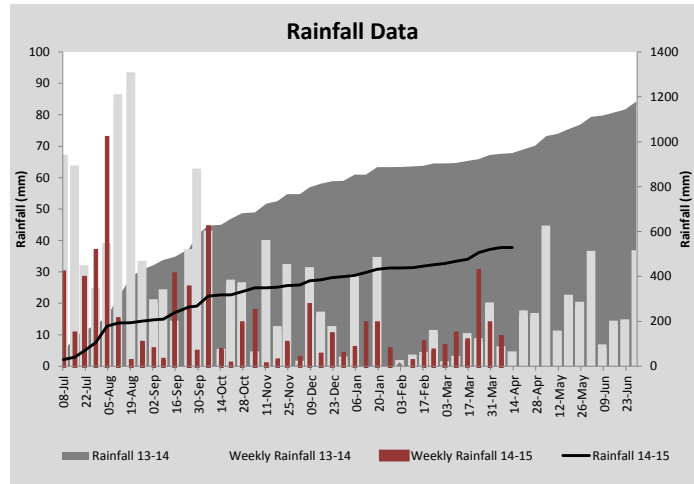
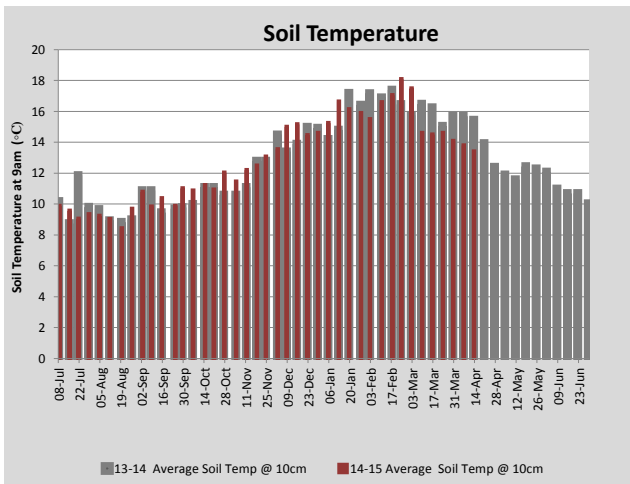
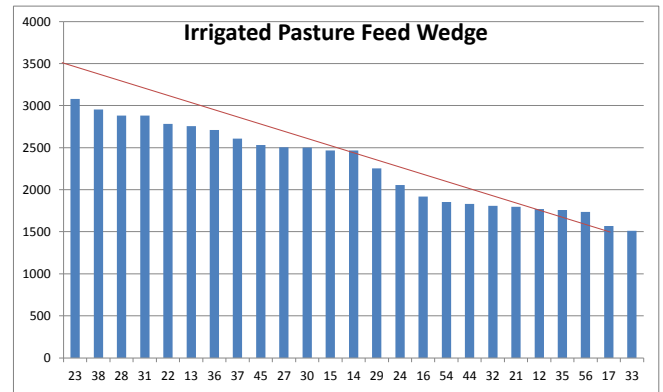
PASTURE INFORMATION	Farm			Irrigated			Rain-fed		
	Last Week	This Week	Variation	Last Week	This Week	Variation	Last Week	This Week	Variation
Grazed milking area (ha)	113.6	113.6	0.0	40.5	35.1	-5.4	73.1	78.4	5
Rotation Length (days)	52	49	-2	35	39	4	65	56	-9
Grazing allocation per day (ha)	2.2	2.3	0.1	1.0	0.9	-0.1	1.2	1.4	0.2
Average time since last grazed (days)	58	55	-3	34	38	4	69	63	-6
Leaf appearance rate (days per leaf)	16	17	0	13	14	1	18	18	0
Average Pasture Cover (kgDM/ha)	1973	1992	18	2283	2367	83	1834	1824	-11
Pasture Growth Rate (kgDM/ha/day)	13	22	9	24	25	1	8	21	13
Post Grazing Biomass (kgDM/ha)	1450	1470	20						
Nitrogen applied YTD (kgN/ha)	143	143	0	0	0	0	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)	280	280	0
Litres per cow	13.9	14.9	1.0
% Fat	4.96	4.81	-0.14
% Protein	3.64	3.64	0.00
MS/cow/day	1.19	1.26	0.07
MS/ha/day	2.94	3.12	0.18
BMCC	173	149	-24
Average Liveweight (kg)	537	534	-3
	Budget	To Date	Variation
Total Milk Production (kgMS)	115,130	120,754	105%
MS/ha YTD	1028	1105	77



Last 7 days					
Milkers Diet	kg DM	MJ ME	CP (%)	NDF (%)	\$/cow
Pasture Intake	9.2	13.1	22.2	46.3	0.0
Concentrates	5.0	12.0	16.0	16.5	0.0
Silage	2.8	11.0	15.0	49.0	0.0
Grazed forage	0.0	0.0	0.0	0.0	0.0
Other feeds	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>17</b>	<b>211.3</b>	<b>19.2</b>	<b>38.0</b>	<b>0</b>
<b>Target</b>		<b>191</b>	<b>16-18</b>	<b>&gt;33</b>	<b>0</b>



Analysis			
Expected growth rate next 7 days (kgDM/ha/day)	25	Target Leaf Grazing Stage	2.5-3.0
Total Demand from Pasture (kgDM/ha/day)	21	Predicted APC 7 days time	2022
APC balance (kgDM/ha/day)	4	Predicted APC Change	30.0

## Discussion

Lack of rainfall and decreasing soil temperature means that pasture growth rates are lower than expected and additional silage has been purchased to help balance the feed budget. Leaf emergence rate on irrigated pasture has slowed due to cooler temperatures, it is now taking 42 days to reach 3-leaf stage. On dryland, the leaf emergence rate sped-up following the last significant rainfall but over the last week it has remained the same at 18 days per leaf. During the past fortnight the grazing rotation for irrigated paddocks has been slowed from 33 days to just over 40 days and the dryland rotation has been sped-up slightly to more closely match the leaf stage and to provide slightly more grass while the irrigation round slows.

# 13 April 2015

