

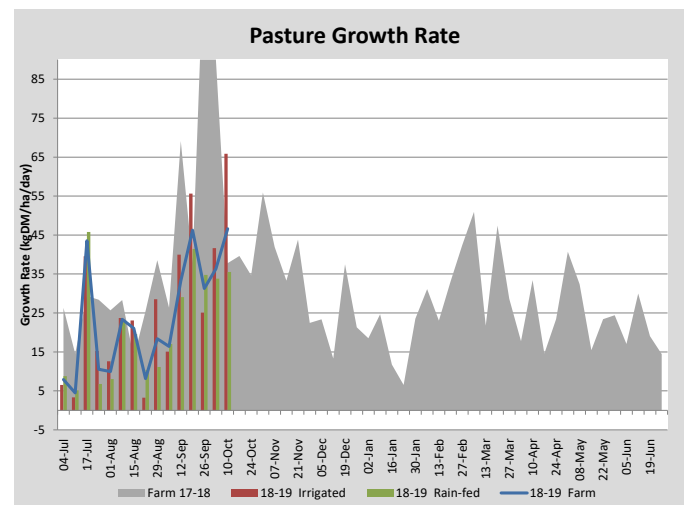
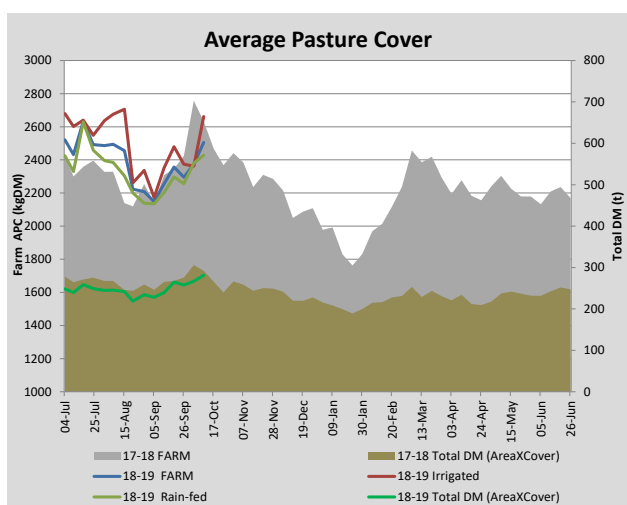
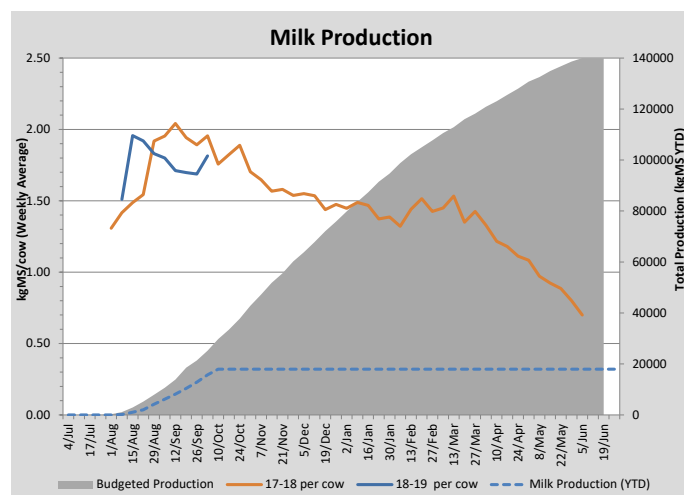
Key Summary Points

- 1 Irrigation has commenced.
- 2 Pasture growth rates declined this week.
- 3 Cows were metrichchecked.

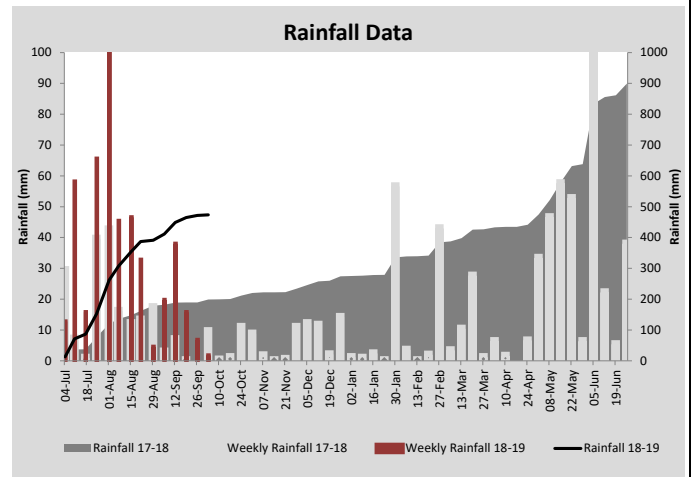
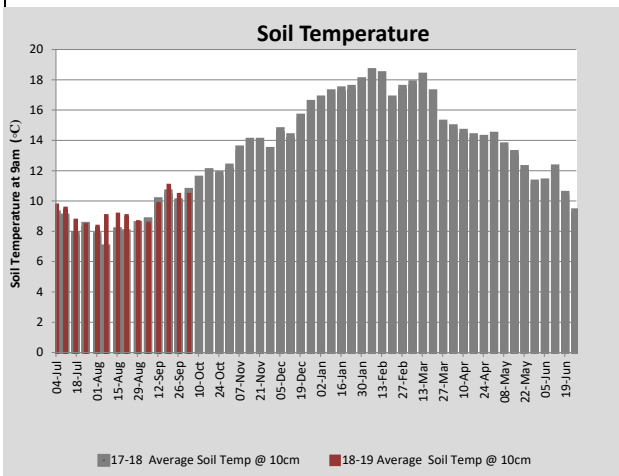
PASTURE INFORMATION	Farm			Irrigated			Rain-fed		
	Last Week	This Week	Variation	Last Week	This Week	Variation	Last Week	This Week	Variation
Grazed milking area (ha)	112.3	112.3	0.0	37.2	37.2	0.0	75.2	75.2	0.0
Leaf appearance rate (days per leaf)	14	14	0	14	14	0	14	14	0
Average Pasture Cover (kgDM/ha)	2357	2295	-62	2479	2374	-105	2297	2257	-41
Pasture Growth Rate (kgDM/ha/day)	46	31	-15	56	25	-31	41	35	-7
Post Grazing Biomass (kgDM/ha)	1453	1563	110						
Nitrogen applied YTD (kgN/ha)	17	21	4	4	8	4	0	2	2

*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)	255	267	12
Litres per cow	23.6	23.6	-0.0
% Fat	4.07	3.99	-0.08
% Protein	3.14	3.26	0.12
MS/cow/day	1.70	1.69	-0.01
MS/ha/day	3.83	3.99	0.16
BMCC	103	184	81
Average Liveweight (kg)	0	0	0
	Budget	To Date	Variation
Total Milk Production (kgMS)	21,334	12,835	-60%
MS/ha YTD	187		



Last 7 days					
Milkers Diet	kg DM	MJ ME	CP (%)	NDF (%)	\$/cow
Pasture Intake	14.0	11.8	23.4	46.2	0.0
Concentrates	5.0	12.5	14.0	20.0	0.0
Silage	0.0	0.0	0.0	0.0	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
Total	19	227.7	20.9	39.3	0
Target		210	16-18	>33	0



Analysis			
Expected growth rate next 7 days (kgDM/ha/day)	45	Target Leaf Grazing Stage	2.5-3.0
Total Demand from Pasture (kgDM/ha/day)	35	Predicted APC 7 days time	2365
APC balance (kgDM/ha/day)	10	Predicted APC Change	69.3

Discussion

Based on readings from soil moisture tools, irrigation has started at TDRF. There are three types of irrigation used on the farm - pivot, k-lines and fixed sprinklers. Despite starting on-time, pasture growth rates have decreased this week and as a result, pasture cover has also decreased. Pasture growth rates aren't peaking as high this spring as what we normally expect. Because of this and the drier than average spring forecast across Tasmania (which means potentially less fodder available for purchase, and any that is available will probably be more expensive), nitrogen rates have been lifted from 70 kg/ha to 100 kg/ha to boost spring pasture growth and create a surplus for silage production. Any cows that have been calved for 4 weeks or longer were metrichecked this week. 3.5% of the cows checked had a uterine infection, most of these were first calvers. Cows with infections were treated with the aim to have them healthy by the start of mating. Pre-mating heat checks are being carried out using 'scratchies' to identify any non-cycling cows so any issues they have can be addressed at the start of mating rather than after the first round of AI.

26 September 2018

