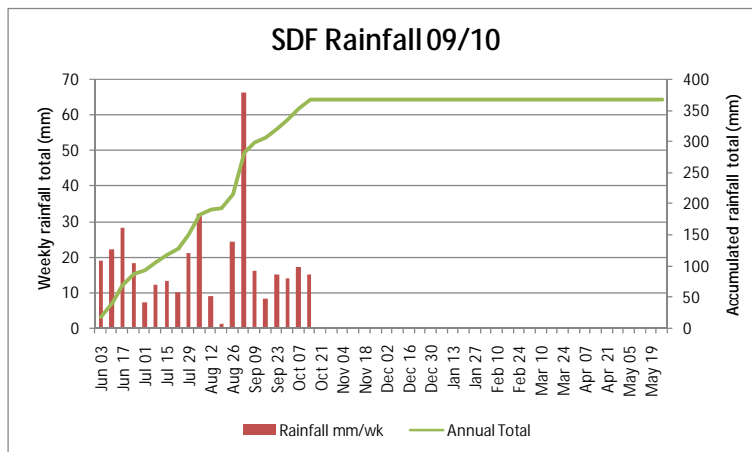
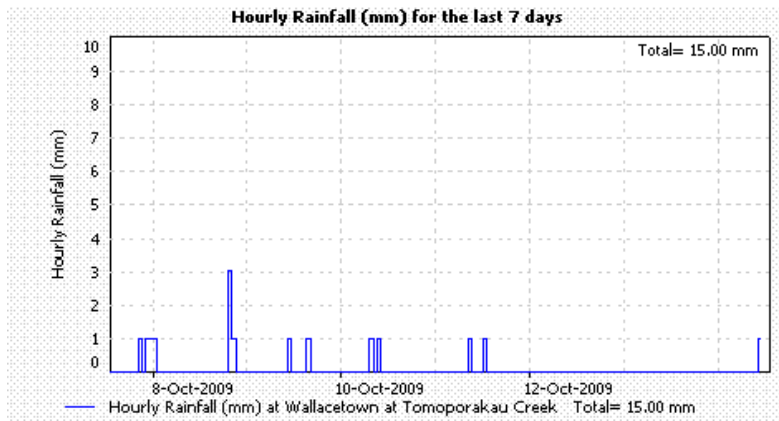


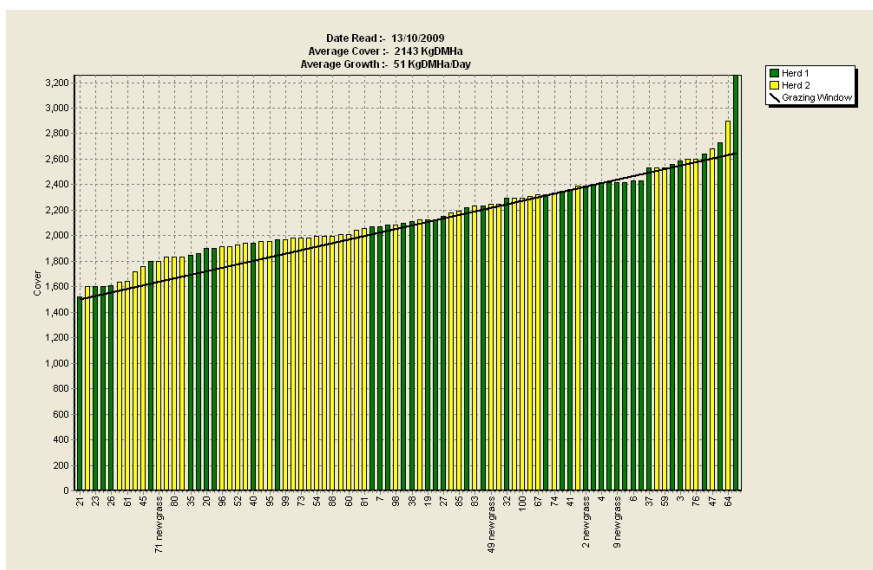
9. The graph above shows how the average weekly 9.00 am (10cm) soil temperature is tracking throughout the season, compared to last season.

10. The farm had a total of 17 mm rain last week. The graph below shows the distribution.



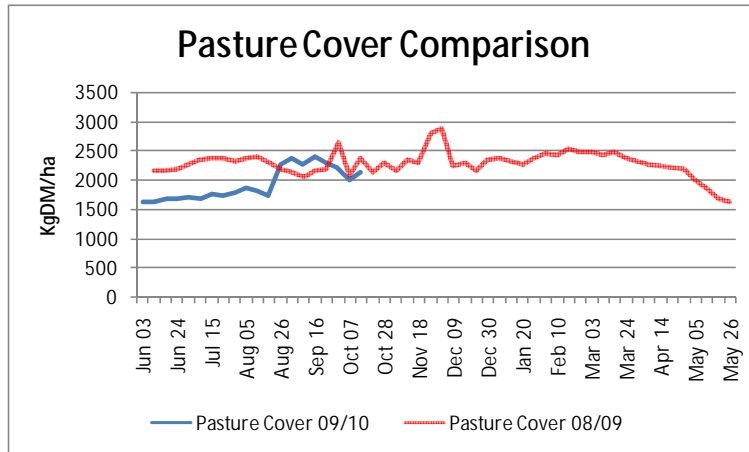
11. Above is a graph showing weekly rainfall and accumulated total for the season. The date represents the week ending total.

12. The 13<sup>th</sup> October pasture feed wedge is below. The average pasture cover is 2143 kg DM/ha.

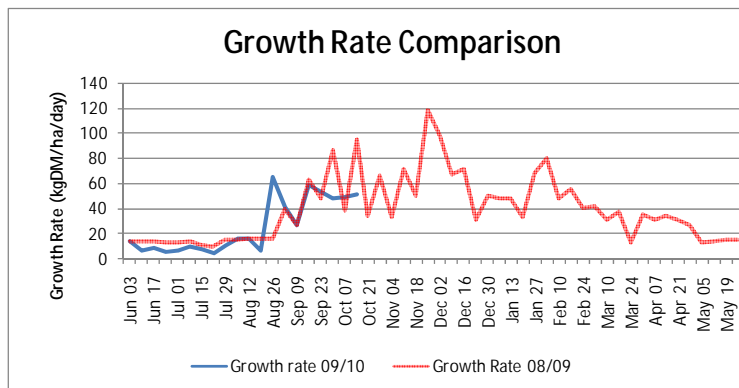


13. The target line is based on an area of 255 ha in pasture. The pre-grazing target cover for this week is 2650kg DM /ha. This is based on a 1/23<sup>rd</sup> of the farm being grazed, offering 18kgDM/cow/day. We would like to point out that although the bottom end of the graph shows that there is a surplus coming, when we go out and look at these paddocks it is evident that there is not as much feed there as the plate meter is reading. This is generally the case in paddocks that have been cut for baleage.

14. Land preparation for the fodder beet is under way. 6.27 ha were sprayed off and a crop of baleage taken before being ploughed. 3.11 ha were sprayed off, grazed and then ploughed. These will be worked up and sown as soon as conditions allow.
15. More urea was put on this week at 60kg/ha, over a total of 96ha. This is a dressing of 27.6 kgN/ha applied after grazing.
16. Below is a graph comparing the pasture cover for this year compared with last season.



17. Pasture growth this week was 51 kg DM/ha/day. Below is a graph with a comparison of growth rate for this season compared to last season.



18. We have had 710 cows calve so far and from this there are 238 replacement heifer calves.
19. Cows are split into the following mobs:
  - a. 60 cows on Swedes (22 Calving cows, 21 Empty cows and 17 Cows Dried off)
  - b. 23 Colostrum and Lambe cows
  - c. 15 Antibiotic cows
  - d. 672 Milkers split into two mobs
20. SCC this week ranged from 189,000 to 230,000 cells/ml.
21. Now that we are getting closer to the end of calving we can see that the most likely result for peak cows milked will be well down on that expected (770). At this point peak cows milked used for calculations on the data sheet are 730 cows.
22. This last week we have sown all the crop paddocks going back into grass. The varieties used were:
  - a. Commando 4.29Ha
  - b. Halo 3.23Ha
  - c. Extreme AR1 2.88Ha
  - d. Expo 2.77Ha
  - e. The final paddock (2.77Ha) had three varieties sown in strips long ways down the paddock. The varieties are Extreme Low Entophyte, Extreme AR1 and Extreme AR37.

23. Blood test results have come back for the yearlings, the results are as follows:
  - a. Serum Copper – Normal – 10.5umol/l
  - b. Serum Selenium – Very Low – 71.67nmol/l
  - c. GPx – levels show that selenium status three months previous, and they are now very much at the low end of normal – 2.1nmol/l
24. We plan to inject the yearlings with Selovin LA, a 50mg selenium/ml product that also provides a rapid rise to adequate levels in 3-4weeks but lasts up to 12 months. They will also receive a pour-on for worms at the same time.

Future Management Planning
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1. Updating financial budget and cash flow for 2009/2010 season
  - a. Number of bulls needed and delivery timing.
  - b. Feed budget monitored
2. Updating procedures manuals etc
3. Farm maintenance – gravel around troughs, fencing.
4. Cropping programme for next winter
  - a. Varieties
  - b. Area
  - c. Any associated regressing e.g. short rotation ryegrasses
  - d. Working out baleage quantities and placing baleage in crop paddocks

The WEEKLY management meeting will be on **Wednesday, 21<sup>st</sup> October 2009.**

On behalf of the **Management Group** Chris Herud (Farm Supervisor), Barry Bethune (Farm Manager), Sharn Roskam, Desiree Moseley (COs DairyNZ).

# SDF Farm Walk Notes

Wednesday, 7<sup>th</sup> October 2009

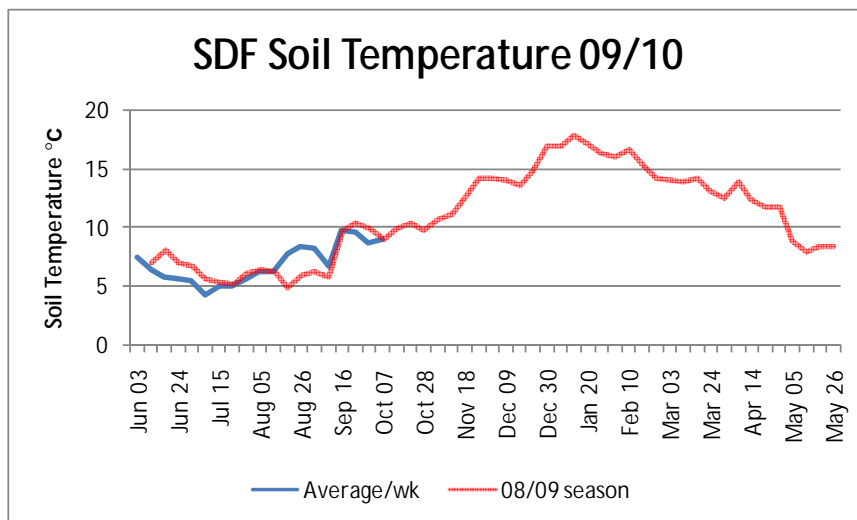
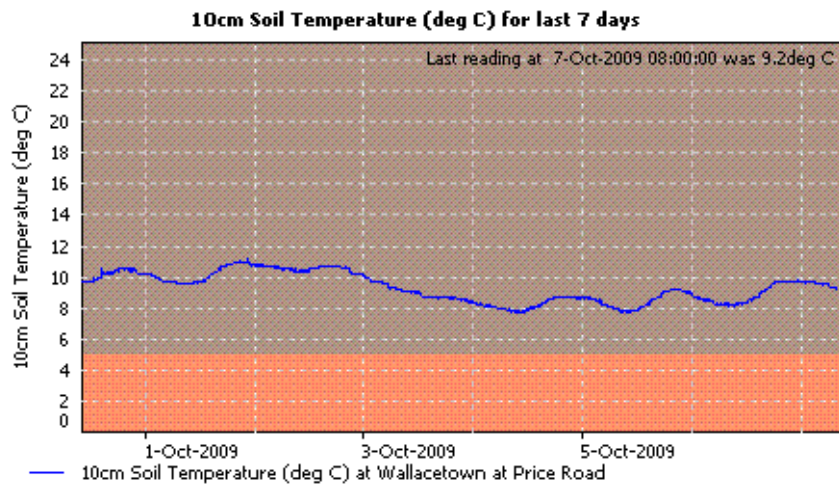
Total Effective Ha: 295ha  
Winter Crop Ha: 31ha  
Area in Grass Ha: 264ha  
Cows in Milk: 703cows

## Critical issues for the short term

1. **Spring feed management**
2. **Constantly monitoring financial budget and cash flow**
3. **Winter cropping for 2010**
4. **Pre-mating management and observation**
5. **Post grazing residual 1450-1550kgDM/ha**

### Summary of Key Factors affecting Grazing Management & Animal Performance

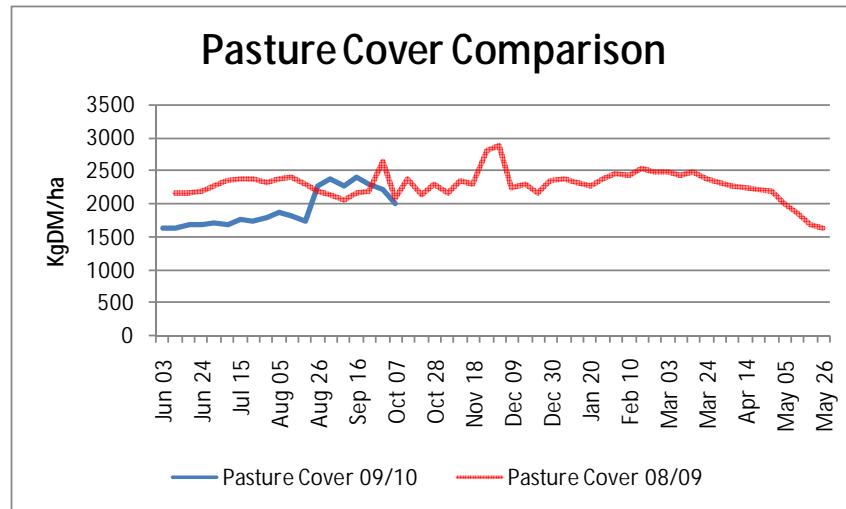
6. The round last week was 1/25th of the farm grazed per day.
7. Production is 4.86kg MS/ha/day and 1.92kg MS/cow/day.
8. Soil temperatures at 9 am have averaged 9.08°C this week, an increase of 0.36°C last week. The graph below shows how the soil temperature has been tracking for the last week.



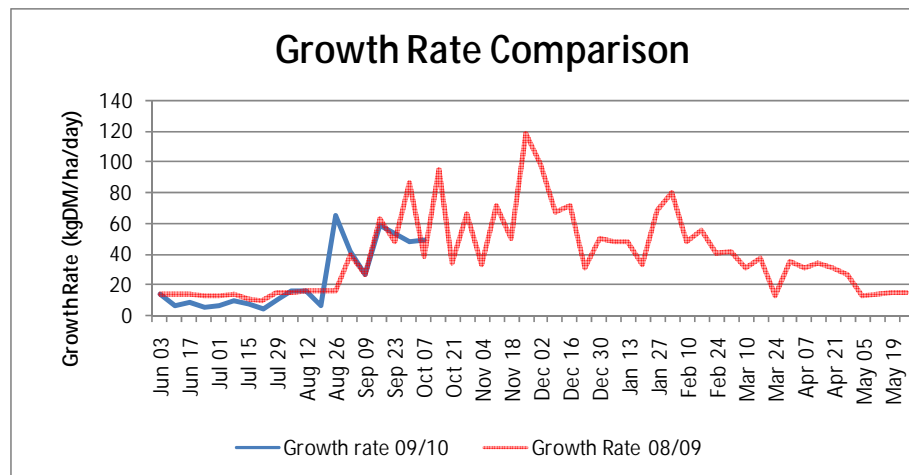
9. The graph above shows how the average weekly 9.00 am (10cm) soil temperature is tracking throughout the season, compared to last season.



14. 21ha of surplus grass was cut and baled this week and the bales placed in the crop paddocks. Approximately 48 tonnes of baleage or 2286 kg/ha was taken off the 21 ha mown. In total 505 bales of baleage have been made this season or 42% of our winter requirement.
15. Land preparation for the fodder beet is under way. 6.27 ha were sprayed off and a crop of baleage taken before being ploughed. 3.11 ha was sprayed off, grazed and then ploughed.
16. This week Urea (60 kg/ha) has been applied to 67 ha at a rate of 27.6 kg N/ha. The areas targeted were the recently grazed paddocks.
17. Below is a graph comparing the pasture cover for this year compared to last season.



18. Pasture growth this week was 49 kg DM/ha/day with average farm cover at 1997 kg/ha. Below is a graph with a comparison of growth rate for this season compared to last season.



19. We have had 703 cows calve so far and from this there are 238 replacement heifer calves.
20. The herd was metri-checked on the 29<sup>th</sup> September. 69 cows were metri-cured. Of the cows treated approximately 1/2 were induction cows and 1/4 were 1<sup>st</sup> calvers.
21. Cows are split into the following mobs:
  - a. 70 cows on Swedes (35 Calving cows, 16 Empty cows and 19 Cows Dried off)
  - b. 20 Colostrum and Lamé cows
  - c. 15 Antibiotic cows
  - d. 668 Milkers split into two mobs
22. SCC is this week ranged from 209,000 to 225,000 cells/ml.

Future Management Planning
----------------------------

1. Updating financial budget and cash flow for 2009/2010 season
  - a. Number of bulls needed and delivery timing.
  - b. Feed budget monitored
2. Updating procedures manuals etc
3. Farm maintenance – gravel around troughs, fencing.
4. Cropping programme for next winter
  - a. Varieties
  - b. Area
  - c. Any associated regressing e.g short rotation ryegrasses
  - d. Working out baleage quantities and placing baleage in crop paddocks

The WEEKLY management meeting will be on **Wednesday, 14<sup>th</sup> October 2009.**

On behalf of the **Management Group** Chris Herud (Farm Supervisor), Barry Bethune (Farm Manager), Sharn Roskam, Desiree Moseley (COs DairyNZ).