

## Southland Demonstration Farm - Weekly Data Sheet

Date (Totals at end of period)	5-Sep-07	12-Sep-07	19-Sep-07	26-Sep-07	
Farm grazing ha (available to milkers)	255	255	255	255	
Crop ha	37	37	37	37	
Dry Cows on grass/ Crop / off farm	53/94/33	54/97/0	40/64/0	50/12/0	
dry cows (Kgs Dm grass/crop/balage)	0/5/5	0/5/5	0/5/5	0/5/5	
Springers (kg DM grass/crop/baleage)	5/0/5	9/0/1	11/0/1	11/0/0	
Culls (Includes culls put down & empties)	0	1	0	0	
Culls total to date	3	4	4	4	
Deaths (Includes cows put down)	1	3	5	1	
Deaths total to date	10	14	19	20	
Calved Cows available(ave for week)	546	578	646	686	
Treatment or Sick mob total	37	33	21	12	
<i>lame, mastitis, other, colostrum</i>	9/21/7/38	8/28/0/30	18/16/5/18	22/10/4/20	
Milking twice a day into vat	518	534	589	630	
Milking once a day into vat	0	0	0	0	
Total Cows Milked into vat	518	534	589	630	
Days in Milk actual cow days/Peak Cows	14	20	25	31	
MS/cow/day (Actual kg / Cows into vat only)	1.50	1.7	1.81	1.93	
MS/cow to date (total kgs / Peak Cows (??))	14	22	33	41	
MS/ha/day (total kgs / Total ha used -)	3.2	3.5	4.2	4.7	
MS/ha to date (total kg / Total ha used)	39	65	96	119	
Monitor Group Cond'n Score	-	-			
Monitor Group LW (kgs)	-	-			
Soil Temp Tues 10.00am 10cm	4.9	8	9.6	10.0	
Growth Rate (kgDM/ha/day)	40	35	55	75	
Plate meter height - ave half-cms	10.9	10.9	11.4	12.9	
Ave Pasture Cover (x140 + 500)	2026	2028	2101	2305	
Pre Grazing cover (ave for week)	2800	2800	2900	2800	
Post Grazing cover (ave for week)	1400	1400	1450	1480	
highest pregrazing cover	2950	3050	3100	3200	
Area grazed / day (ave for week)	5.0	6.57	6.70	7.7	
Grazing Interval	51	38	38	30	
Pasture ME (pre grazing sample)				12.3	
Pasture % Protein				24.3	
Pasture % DM				18.3	
Pasture % NDF				38.9	
Supplements Type	silage	silage	silage	Silage	
Supplements fed kg DM/cow/day in pdk	5.0	2.8	1.6	1.0	
Supplements fed to date kg per cow (?? peak)	49	52	61	68	
Supplements Made Kg DM / ha cumulative	0	0	0	0	
Units N applied/ha and % of farm	31,35%	0	31,15%	31,15%	
Kgs/ha N to Date (non effluent area)	22	22	25	28	
Rainfall (mm)	53.7	8.4	6	4.5	
Wind chill	9.6	15.8	15	11.5	
Pugging index (aa,bb,cc)					
Effluent spreading - paddock no.	29,30	30,51	51	48	
Effluent - Ha for week/rate(mm)	3.25	2.4	0.5	1.5	
Stock Water Consumed litres / cow / day					
Total water used					