

### Southland Demonstration Farm Weekly Data

Farm Area	295	295	295	295	295
Sprayed out	0	0	0	0	0
Date (Totals at end of period)	4-May	11-May	18-May	25-May	1-Jun
Total ha used	259	259	259	259	259
Total Cows Wintered (July 1st Total)	808	808	808	808	803
Farm grazing ha (available to milkers) (eff ha)	259	259	259	259	259
Crop ha	36.08	36.08	36.08	36.08	36.08
Peak cows milked	730	730	730	730	730
Dry Cows on grass/ Crop / off farm	0/0/13	5/0/18	5/0/13	66/0/0	0/825/0
TOTAL DRY COWS	13	18	18	66	825
Dry cow (kg DM grass/crop/baleage)	10/0/0	10/0/0	10/0/0	10/0/0	0/10/4
Springers (kg DM grass/crop/baleage)	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
Culls (Includes culls put down & empties)	0	0	42	1	36
Culls total to date	98	98	140	141	177
Deaths (Includes cows put down)	0	0	0	0	0
Deaths total to date	46	46	46	46	46
Calved Cows available(avg for week)	644	639	597	548	0
Treatment or Sick mob total	104	99	99	85	0
<i>lame, mastitis, other, colostrum</i>	53/1/50/0	53/1/45/0	47/7/45/0	40/4/41/0	0/0/0/0
Milking twice a day into vat	540	540	498	463	0
Milking once a day into vat	103	97	91	81	0
Total Cows Milked into vat	643	637	589	544	0
TOTAL COWS IN MILK	644	639	597	548	0
TOTAL COWS ON FARM	657	657	615	614	825
Days in Milk actual cow days/Peak Cows	233	239.6	245.7	250.9	
Milksolids to factory 3-day average per day	743	635	615	532	
MS/cow/day (Actual kg / Cows into vat only)	1.16	1.00	1.04	0.98	
Milksolids to factory season to date	270033	275135	278827	283219	285033
MS/cow to date (total kgs / Peak Cows	369.9	376.9	382.0	388.0	390.5
MS/ha/day (total kgs / Total ha used -)	2.87	2.45	2.38	2.05	0.00
MS/ha to date (total kg / Total ha used)	1043	1063	1077	1094	1101
Cond'n Score	-	-	-	-	-
Monitor Group LW (kgs)	-	-	-	-	-
Soil Temp (average for week) 10cm	11.4	9.3			
Growth Rate (kgDM/ha/day)	22	23	22	26	No Walk
Plate meter height - ave half-cms	11.73	11.59	10.89	10.88	
Ave Pasture Cover (x140 + 500)	2142	2123	2024	2023	No walk
Pre Grazing cover (ave for week)	2955	2723	2906	2554	2581
Post Grazing cover (ave for week)	1614	1576	1597	1558	1500
Highest pregrazing cover	3500	3776	3776	2760	3118
Area grazed / day (ave for week)	8	7.23	7.1	6.73	5.87
Grazing Interval	32.4	35.8	36.5	38.5	44.1
Pasture ME (pre grazing sample)	-	-	-	-	-
Pasture % Protein	-	-	-	-	-
Pasture % DM	-	-	-	-	-
Pasture % NDF	-	-	-	-	-
Supplements Type	Grass Silage	Grass Silage	Grass Silage	Grass Silage	Grass Silage
Supplements fed kg DM/cow/day in pdk	8.4	8.4	8.5	6.2	3.7
Supplements fed to date kg per peak cow	125.75	177.65	229.65	262.55	265
Supplements Made On Kg DM / ha cummlative	1383	1383	1383	1383	1383
Supplement Purchased in Kg DM / ha cummlative	0	0	0	0	0
Units N applied/ha and % of farm	0	0	0	0	0
Kgs/ha N to Date	170.56	170.56	170.56	170.56	170.56
Rainfall (mm)	46	1	14	11	14
Effluent spreading - paddock no.	45	44	47	61	-
Effluent - Ha for week/rate(mm)	3.22/7mm	3.54/7mm	3.16/7mm	3.06/7mm	-
Stock Water Consumed litres / cow / day	67*	46.8	36.7	36	32*
Total water used (for week)	421000	357,000	316,000	321,000	236000
* Water Leaks					