

## Southland Demonstration Farm - Weekly Data Sheet

Date (Totals at end of period)	3-Sep-08	10-Sep-08	17-Sep-08	24-Sep-08	1-Oct-08
Farm grazing ha (available to milkers)	274	274	274	274	274
Crop ha	22	22	22	22	22
Dry Cows on grass/ Crop / off farm	100/128/0	154/0/0	88	68	52/0/0
dry cows (Kgs Dm grass/crop/balage	10/10/4	0	8/0/2	0/0/0	0/0/0
Springers (kg DM grass/crop/baleage)	10/0/0	10/0/0	10/0/0	10/0/0	10/0/0
Culls (Includes culls put down & empties)	0	0	0	0	0
Culls total to date	0	0	0	0	0
Deaths (Includes cows put down)	3	1	5	1	2
Deaths total to date	13	14	19	20	22
Calved Cows available(ave for week)	561	593	640	659	678
Treatment or Sick mob total	44	47	29	37	47
<i>lame, mastitis, other, colostrum</i>	10/18/16/31	6/14/27/21	8/11/10/17	6/14/17/21	12/26/9/15
Milking twice a day into vat	486	523	561	601	616
Milking once a day into vat	0	0	0	0	0
<b>Total Cows Milked into vat</b>	<b>486</b>	<b>523</b>	<b>561</b>	<b>601</b>	<b>616</b>
Days in Milk actual cow days/Peak Cows	12	16	21	27	33
MS/cow/day (Actual kg / Cows into vat only)	1.62	1.75	1.87	1.92	1.90
MS/cow to date (total kgs / Peak Cows (??))	13	19	30	39	48
<b>MS/ha/day (total kgs / Total ha used -)</b>	<b>2.6</b>	<b>3.3</b>	<b>3.90</b>	<b>4.21</b>	<b>4.3</b>
<b>MS/ha to date (total kg / Total ha used)</b>	<b>35</b>	<b>51</b>	<b>79</b>	<b>99</b>	<b>131</b>
Monitor Group Cond'n Score	-	-	-	-	-
Monitor Group LW (kgs)	-	-	-	-	-
Soil Temp Tues 10.00am 10cm	6.2	5.7	9.7	10.3	8.9
Growth Rate (kgDM/ha/day)	39	26	62	47	86
Plate meter height - ave half-cms	11.6	11.20	11.9	12.1	15.3
<b>Ave Pasture Cover (x140 + 500)</b>	<b>2129</b>	<b>2063</b>	<b>2169</b>	<b>2192</b>	<b>2644</b>
Pre Grazing cover (ave for week)	3617	3061	2652	2620	2612
Post Grazing cover (ave for week)	1500	1508	1482	1526	1564
highest pregrazing cover	3692	3468	2880	2892	3068
Area grazed / day (ave for week)	3.70	5.6	8.2ha	8.5	9.75
<b>Grazing Interval</b>	<b>74.0</b>	<b>49</b>	<b>37.0</b>	<b>32.0</b>	<b>25.0</b>
Pasture ME (pre grazing sample)	-	-	NA	NA	NA
Pasture % Protein	-	-	NA	NA	NA
Pasture % DM	-	-	NA	NA	NA
Pasture % NDF	-	-	NA	NA	NA
Supplements Type	-	-	0	0	0
Supplements fed kg DM/cow/day in pdk	-	-	0	0	0.0
Supplements fed to date kg per cow (?? peak)	-	-	0	0	0.0
Supplements Made Kg DM / ha cumulative	-	-	0	0	0
Supplement Purchased in Kg DM / ha cumulative	-	-	0	0	0
Units N applied/ha and % of farm	37/55	37/55	37/55	37/55	0.7
Kgs/ha N to Date (non effluent area)	20.0	20	20.0	20.0	20.0
Rainfall (mm)	4.5	37.8	19.5	16.8	37.8
Wind chill	0.9	7.6	6.8	1.6	-2.1
Pugging index (aa,bb,cc)	-	-	-	-	-
Effluent spreading - paddock no.	42	42	42	44	44/43
Effluent - Ha for week/rate(mm)	1.5	1	1.5	2	2.5
Stock Water Consumed litres / cow / day	87*	45	54	56	68
<b>Total water used</b>	<b>431,000</b>	<b>330,000</b>	<b>315,000*</b>	<b>381,000*</b>	<b>406,000*</b>