

Southland Demonstration Farm Weekly Data

Farm Area	295	295	295	295	295	295
Sprayed out	6.03	6.03	6.03	6.03	6.03	6.03
Date (Totals at end of period)	24-Feb	3-Mar	10-Mar	17-Mar	24-Mar	25-Mar
Total ha used	259	259	259	259	259	259
Total Cows Wintered (July 1st Total)	808	808	808	808	808	808
Farm grazing ha (available to milkers) (eff ha)	253	253	253	253	253	253
Crop ha	36.08	36.08	36.08	36.08	36.08	36.08
Peak cows milked	730	730	730	730	730	730
Dry Cows on grass/ Crop / off farm	0/0/18	0/0/20	0/0/20	0/0/18	0/0/10	0/0/10
TOTAL DRY COWS	18	20	20	18	10	10
Dry cow (kg DM grass/crop/baleage)	10/0/0	10/0/0	10/0/0	10/0/0	10/0/0	10/0/0
Springers (kg DM grass/crop/baleage)	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
Culls (Includes culls put down & empties)	0	0	0	20	10	0
Culls total to date	48	48	48	68	78	78
Deaths (Includes cows put down)	0	0	0	1	1	0
Deaths total to date	43	43	43	44	45	45
Calved Cows available(avg for week)	692	690	690	671	668	668
Treatment or Sick mob total	41	50	50	44	50	50
<i>lame, mastitis, other, colostrum</i>	23/10/8/0	23/16/11/0	23/16/11/0	27/6/11/0	33/6/11/0	33/6/11/0
Milking twice a day into vat	651	640	640	627	618	618
Milking once a day into vat	31	34	40	38	44	44
Total Cows Milked into vat	682	674	680	665	662	662
TOTAL COWS IN MILK	692	690	690	671	668	668
TOTAL COWS ON FARM	710	710	710	689	678	678
Days in Milk actual cow days/Peak Cows	170.5	177.1	183.7	190.3	196.7	203.1
Milksolids to factory 3-day average per day	1041	971.1	956.6	943	889.1	871
MS/cow/day (Actual kg / Cows into vat only)	1.53	1.44	1.41	1.42	1.34	1.32
Milksolids to factory season to date	209877	216837	223655	230261	237612	243680
MS/cow to date (total kgs / Peak Cows	287.5	297.0	306.4	315.4	325.5	333.8
MS/ha/day (total kgs / Total ha used -)	3.94	3.75	3.69	3.64	3.43	3.36
MS/ha to date (total kg / Total ha used)	795	837	864	889	918	941
Cond'n Score	-	-	4.3	-	-	-
Monitor Group LW (kgs)	-	-	-	-	-	-
Soil Temp (average for week) 10cm	15.5	15.3	15.7	13.2	13.2	13.3
Growth Rate (kgDM/ha/day)	56	45	43	50	50	45
Plate meter height - ave half-cms	12.80	12.35	12.39	12.85	13.17	13.22
Ave Pasture Cover (x140 + 500)	2292	2229	2235	2299	2344	2351
Pre Grazing cover (ave for week)	2795	2739	2748	2851	2882	3174
Post Grazing cover (ave for week)	1769	1623	1627	1657	1625	1618
Highest pregrazing cover	4000	2950	2980	3000	3230	3300
Area grazed / day (ave for week)	11.59	10.4	10.45	7.96	9.3	7.66
Grazing Interval	21.8	24.3	24.2	31.8	27.2	33.0
Pasture ME (pre grazing sample)	12.7	-	-	-	12.5	-
Pasture % Protein	27	-	-	-	25.1	-
Pasture % DM	18.9	-	-	-	17.1	-
Pasture % NDF	40.6	-	-	-	44.1	-
Supplements Type				Grass Silage		
Supplements fed kg DM/cow/day in pdk	0	0	0	3	0	0
Supplements fed to date kg per peak cow	47.7	47.7	47.7	69.9	69.9	69.9
Supplements Made On Kg DM / ha cumulative	1383	1383	1383	1383	1383	13
Supplement Purchased in Kg DM / ha cumulative	0	0	0	0	0	0
Units N applied/ha and % of farm	5.38	0	23N / 30.5%	23N/17%	24.9N/18.3%	23.84N/12.6%
Kgs/ha N to Date	133.93	133.93	140.95	144.95	149.51	152.52
Rainfall (mm)	3	30	5	35	34	21
Effluent spreading - paddock no.	45	46	51	60	59	53
Effluent - Ha for week/rate(mm)	3.22/7mm	3.11/7mm	3.23/7	3.0/7	2.98/7mm	3.33/7mm
Stock Water Consumed litres / cow / day	142*	103*	73.87	46.5	50.8	49.4
Total water used (for week)	696000*	632000*	644000*	385,000	401000*	387000
* Water Leaks						