

## Weekly Dataset from Lincoln University Dairy Farm

Date (Totals at end of period)	5-May-10	11-May-10	18-May-10	25-May-10	27-Jul-10
Total Cows Wintered (July 1st Total)	683	683	683	683	685
Farm grazing ha (available to milkers)	159	159	159	159	160
Dry Cows on farm / East block / other	0/48/0	0/48/0	175/0/0	198/0/0	0/40/632
Culls (Includes culls put down & empties)	0	0	0	54	0
Culls total to date	88	88	88	142	0
Deaths (Includes cows put down)	0	0	0	0	0
Deaths total to date	8	8	8	8	1
Calved Cows available (Peak Number 680... )	540	540	412	335	27
Treatment / Sick mob total	0	0	0	0	1
<i>lame, mastitis, other, colostrums</i>	7/0/0/0	6/0/0/0	0/0/0/0	0/1/0/0	0/1/0/27
Milking twice a day into vat	533	534	412	334	0
Milking once a day into vat	7	6	0	0	0
Total Cows Milked into vat	540	540	412	334	0
Days in Milk actual cow days/Peak Cows	252	258	262	266	0
MS/cow/day (Actual kg / Cows into vat only)	1.3	1.2	1.23	1.08	0.00
MS/cow to date (total kgs / Peak Cows 680)	399	406	412	416	0
MS/ha/day (total kgs / Total ha used - eg 161.5ha)	4.3	4.1	3.2	2.3	0.00
MS/ha to date (total kg / Total ha used)	1658	1687	1709	1725	0
Herd Average Condition Score					
Whole Herd LW (kgs)	489	495	505	502	
Soil Temp Tues 10.00am 10cm	11.5	9.6	11.3	10.3	6.5
Growth Rate (kgDM/ha/day)	44	33	32	34	27
Plate meter height - ave half-cms	12.6	12.2	11.7	11.7	14.5
Ave Pasture Cover (x140 + 500)	2262	2206	2137	2139	2532
Pre Grazing cover (ave for week)	3035	3065	3098	3149	3450
Post Grazing cover (ave for week)	1480	1480	1480	1480	1700
Highest pre-grazing cover	3110	3200	3280	3280	3450
Area grazed / day (ave for week)	4.30	4.30	3.40	3.50	0.07
Grazing Interval	37	37	47	45	2286
Pasture ME (pre grazing sample)	12.1				
Pasture % Protein	22.1				
Pasture % DM	15.8				
Pasture % NDF	38.6				
Supplements Type	Grass /Maize silage	Grass Silage	Grass Silage	Grass Silage	0
Supplements fed kg DM/cow/day in paddock	4.3	4.9	4.3	3.8	0.0
Supplements fed to date kg per cow (680 peak)	344	372	390	403	0
Supplements Made Kg DM / ha cumulative	598.7	598.7	598.7	598.7	0
Units N applied/ha and % of farm	30units,15%	0	30units,26%	0	0
Kgs/ha N to Date (on the NON-effluent area 133ha)	216	216	225	0	0
Rainfall (mm)	0.4	0	29	26	20.6
ET Weekly Soil & Science readings (mm)	12.3	7.6	5.7	2.0	2.1
Days irrigated each week	0	0	0	0	0
Irrigation mm applied per week	0	0	0	0	0
Stock Water Consumed litres / cow / day	44	31	20	19	26