

## 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)                  | 30-Dec     | 6-Jan      | 13-Jan     | 20-Jan     | 27-Jan        |
| Total ha used                                   | 264        | 264        | 264        | 264        | 264           |
| Total Cows Wintered (July 1st Total)            | 808        | 808        | 808        | 808        | 808           |
| Farm grazing ha (available to milkers) (eff ha) | 259        | 259        | 259        | 259        | 259           |
| Crop ha/Young Grass                             | 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              | 0/0/16     | 0/0/16     | 0/0/22     | 0/0/16     | 0/0/16        |
| TOTAL DRY COWS                                  | 16         | 16         | 22         | 16         | 16            |
| Dry cow (kg DM grass/crop/baleage)              | 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         |
| Culls (Includes culls put down & empties)       | 0          | 0          | 0          | 10         | 0             |
| Culls total to date                             | 38         | 38         | 38         | 48         | 48            |
| Deaths (Includes cows put down)                 | 1          | 1          | 0          | 1          | 0             |
| Deaths total to date                            | 40         | 41         | 41         | 42         | 42            |
| Calved Cows available(avg for week)             | 707        | 706        | 700        | 695        | 695           |
| Treatment or Sick mob total                     | 39         | 44         | 48         | 44         | 44            |
| <i>lame, mastitis, other, colostrum</i>         | 16/10/13/0 | 19/12/13/0 | 23/12/13/0 | 21/12/11/0 | 21/12/11/0    |
| Milking twice a day into vat                    | 668        | 662        | 652        | 651        | 651           |
| Milking once a day into vat                     | 24         | 31         | 32         | 30         | 30            |
| Total Cows Milked into vat                      | 692        | 693        | 684        | 681        | 681           |
| TOTAL COWS IN MILK                              | 707        | 706        | 700        | 695        | 695           |
| TOTAL COWS ON FARM                              | 723        | 722        | 722        | 711        | 711           |
| Days in Milk actual cow days/Peak Cows          | 117        | 123.7      | 130.5      | 137.2      | 143.8         |
| Milksolids to factory 3-day average per day     | 1166       | 1153       | 1097       | 1112       | 1090          |
| MS/cow/day (Actual kg / Cows into vat only)     | 1.69       | 1.66       | 1.60       | 1.63       | 1.60          |
| Milksolids to factory season to date            | 148033     | 156220     | 164013     | 171763     | 179369        |
| MS/cow to date (total kgs / Peak Cows           | 202.8      | 214.0      | 224.7      | 235.3      | 245.7         |
| MS/ha/day (total kgs / Total ha used -)         | 4.42       | 4.37       | 4.16       | 4.21       | 4.13          |
| MS/ha to date (total kg / Total ha used)        | 561        | 592        | 621        | 651        | 679           |
| Cond'n Score                                    | -          | -          | -          | -          | -             |
| Monitor Group LW (kgs)                          | -          | -          | -          | -          | -             |
| Soil Temp (average for week) 10cm               | 16.1       | 14.9       | 13.5       | 16.5       | 17.26         |
| Growth Rate (kgDM/ha/day)                       | 88         | 96         | 48         | 69         | 84            |
| Plate meter height - ave half-cms               | 13.92      | 14.29      | 13.86      | 12.76      | 14.76         |
| Ave Pasture Cover (x140 + 500)                  | 2449       | 2500       | 2440       | 2286       | 2566          |
| Pre Grazing cover (ave for week)                | 2801       | 2827.5     | 2901       | 2885       | 2922          |
| Post Grazing cover (ave for week)               | 1679       | 1635       | 1648       | 1673       | 1681          |
| Highest pregrazing cover                        | 3200       | 3104       | 4140       | 3240       | 3300          |
| Area grazed / day (ave for week)                | 12.32      | 11.63      | 10.68      | 10.14      | 8.86          |
| Grazing Interval                                | 21.0       | 22.3       | 24.3       | 25.5       | 29.2          |
| Pasture ME (pre grazing sample)                 | -          | -          | -          | -          | -             |
| Pasture % Protein                               | -          | -          | -          | -          | -             |
| Pasture % DM                                    | -          | -          | -          | -          | -             |
| Pasture % NDF                                   | -          | -          | -          | -          | -             |
| Supplements Type                                |            |            |            |            |               |
| Supplements fed kg DM/cow/day in pdk            | 0          | 0          | 0          | 0          | 0             |
| Supplements fed to date kg per peak cow         | 47.7       | 47.7       | 47.7       | 47.7       | 47.7          |
| Supplements Made On Kg DM / ha cummulative      | 667.9      | 667.9      | 667.9      | 1074       | 1074          |
| Supplement Purchased in Kg DM / ha cummulative  | 0          | 0          | 0          | 0          | 0             |
| Units N applied/ha and % of farm                | 0          | 0          | 7.6        | 10.5       | 0             |
| Kgs/ha N to Date                                | 108        | 108        | 115.6      | 126.1      | 121*see notes |
| Rainfall (mm)                                   | 37         | 36         | 77         | 13         | 18            |
| Effluent spreading - paddock no.                | 44         | 43         | 43         | 47         | 41            |
| Effluent - Ha for week/rate(mm)                 | 3.54ha/7mm | 3.52ha/7mm | 3.52ha/7mm | 3.16/7mm   | 3.5ha/7mm     |
| Stock Water Consumed litres / cow / day         | 41.44      | 26.35      | 24.9       | 47         | 71            |
| Total water used (for week)                     | 332000     | 272000     | 325000*    | 421000     | 465000        |
| * Water Leaks                                   |            |            |            |            |               |