

Project 3030 Farmlet summary August 2009

| | Max | | | | Plus | | | |
|--|------|-------|-------|--------|------|------|------|--------|
| | May | June | July | August | May | June | July | August |
| 1. Milking cows | 11 | 33 | 36 | 36 | 17 | 31 | 36 | 36 |
| 2. Average days in milk | 18 | 48 | 79 | 110 | 18 | 48 | 79 | 110 |
| 3. Stocking rate (cows/ha) ¹ | 0.79 | 2.38 | 2.60 | 2.60 | 1.34 | 2.62 | 3.08 | 3.08 |
| 4. Farmlet area available for grazing (% total farm area) ² | 89 | 89 | 100 | 100 | 87 | 87 | 100 | 100 |
| 5. % area of total farmlet grazed in one calendar month ³ | 62 | 66 | 72 | 89 | 62 | 67 | 71 | 95 |
| <u>Pasture production</u> | | | | | | | | |
| 6. Average farm cover (kg DM/ha) | 2279 | 2476 | 2760 | 2587 | 2416 | 2527 | 2614 | 2505 |
| 7. Pre grazing pasture mass (kg DM/ha) | 3142 | 3328 | 3700 | 3396 | 3011 | 3025 | 3754 | 3335 |
| 8. Post grazing pasture mass (kg DM/ha) | 1602 | 1519 | 1522 | 1557 | 1522 | 1525 | 1548 | 1541 |
| 9. Pre grazing sward height (cm) ⁴ | 9.7 | 12.7 | 14.6 | 12.3 | 8.9 | 9.4 | 13.4 | 12.4 |
| 10. Post grazing sward height (cm) ⁴ | 4.8 | 4.3 | 4.2 | 4.4 | 4.9 | 4.2 | 4.3 | 4.3 |
| 11. Average growth rate (kg DM/ha/d) | 12.7 | 21.6 | 33.8 | 41.4 | 11.8 | 22.7 | 31.7 | 40.5 |
| <u>Cow performance</u> | | | | | | | | |
| 13. Milk production (l/cow/day) | 21.4 | 25.8 | 28.8 | 28.2 | 23.7 | 26.0 | 27.6 | 26.3 |
| 14. Milk solids (kg/cow/day) | 1.67 | 1.94 | 2.08 | 2.11 | 1.87 | 1.98 | 2.00 | 1.89 |
| 15. Milk production (l/ha/day) | 16.9 | 61.4 | 74.9 | 73.3 | 31.8 | 68.1 | 85.0 | 81.1 |
| 16. Milk solids (kg/ha/day) | 1.32 | 4.62 | 5.41 | 5.49 | 2.51 | 5.19 | 6.16 | 5.82 |
| 17. % fat | 4.50 | 4.26 | 3.96 | 4.03 | 4.30 | 4.30 | 4.11 | 4.01 |
| 18. % protein | 3.30 | 3.26 | 3.26 | 3.43 | 3.60 | 3.30 | 3.12 | 3.18 |
| 19. Live weight (kg) | 499 | 486 | 480 | 488 | 498 | 485 | 476 | 472 |
| 20. Stocking weight (kg/ha) | 394 | 1157 | 1248 | 1269 | 667 | 1271 | 1466 | 1454 |
| 21. Average cow condition (1 to 8 scale) | 4.2 | 3.8 | 3.9 | 4.0 | 4.4 | 3.7 | 3.7 | 3.7 |
| <u>Feed intake</u> | | | | | | | | |
| 22. Pasture intake (kg DM/cow/day) | 3.57 | 11.68 | 13.82 | 14.83 | 3.60 | 6.65 | 9.77 | 8.68 |
| 23. Other home-grown forage intake (kg | 7.08 | 0.66 | 0 | 0 | 7.27 | 3.97 | 1.25 | 4.84 |

| | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| DM/cow/day) | | | | | | | | |
| 24. Purchased forage supplement intake (kg DM/cow/day) ⁵ | 0.74 | 0 | 1.17 | 0.19 | 0.57 | 2.15 | 3.82 | 0.63 |
| 25. Concentrate intake (kg DM/cow/day) | 5.67 | 5.38 | 4.41 | 4.41 | 5.67 | 5.32 | 3.53 | 4.61 |
| 26. Total voluntary intake (kg DM/cow/day) | 17.06 | 17.72 | 19.40 | 19.43 | 17.11 | 18.09 | 18.37 | 18.76 |

Monthly animal performance and feed consumption

| | | | | | | | | |
|--|------|------|------|------|------|------|------|------|
| 27. Milk solids (kg/cow) | 30 | 88 | 153 | 218 | 34 | 93 | 155 | 214 |
| 28. Milk solids (kg/ha) | 24 | 162 | 330 | 500 | 45 | 201 | 392 | 659 |
| 29. Milk production (l/ha) | 304 | 2146 | 4468 | 6741 | 572 | 2616 | 5251 | 7762 |
| 30. Pasture consumption (kg/ha) | 51 | 885 | 1999 | 3194 | 87 | 610 | 1492 | 2321 |
| 31. Other home-grown forage intake (kg/ha) | 101 | 148 | 148 | 148 | 175 | 487 | 657 | 1119 |
| 32. Purchased forage supplement intake (kg/ha) | 11 | 11 | 102 | 117 | 14 | 183 | 548 | 668 |
| 33. Concentrate intake (kg/ha) | 81 | 465 | 820 | 1175 | 137 | 555 | 892 | 1332 |
| 34. % forage in ration | 50.2 | 69.2 | 73.2 | 74.6 | 66.8 | 69.8 | 75.1 | 75.5 |
| 35. % home grown forage in ration | 46.8 | 68.4 | 70.0 | 72.1 | 63.4 | 59.8 | 59.8 | 63.2 |
