

Backtrack Dairies

Week ending 20th September 2017

Backtrack Dairies

Two farming systems. One Kinsey-Albrecht (Whakapono) and one conventional (Waiora). Both farms have a stocking rate of 3.3 cows/ha at peak.

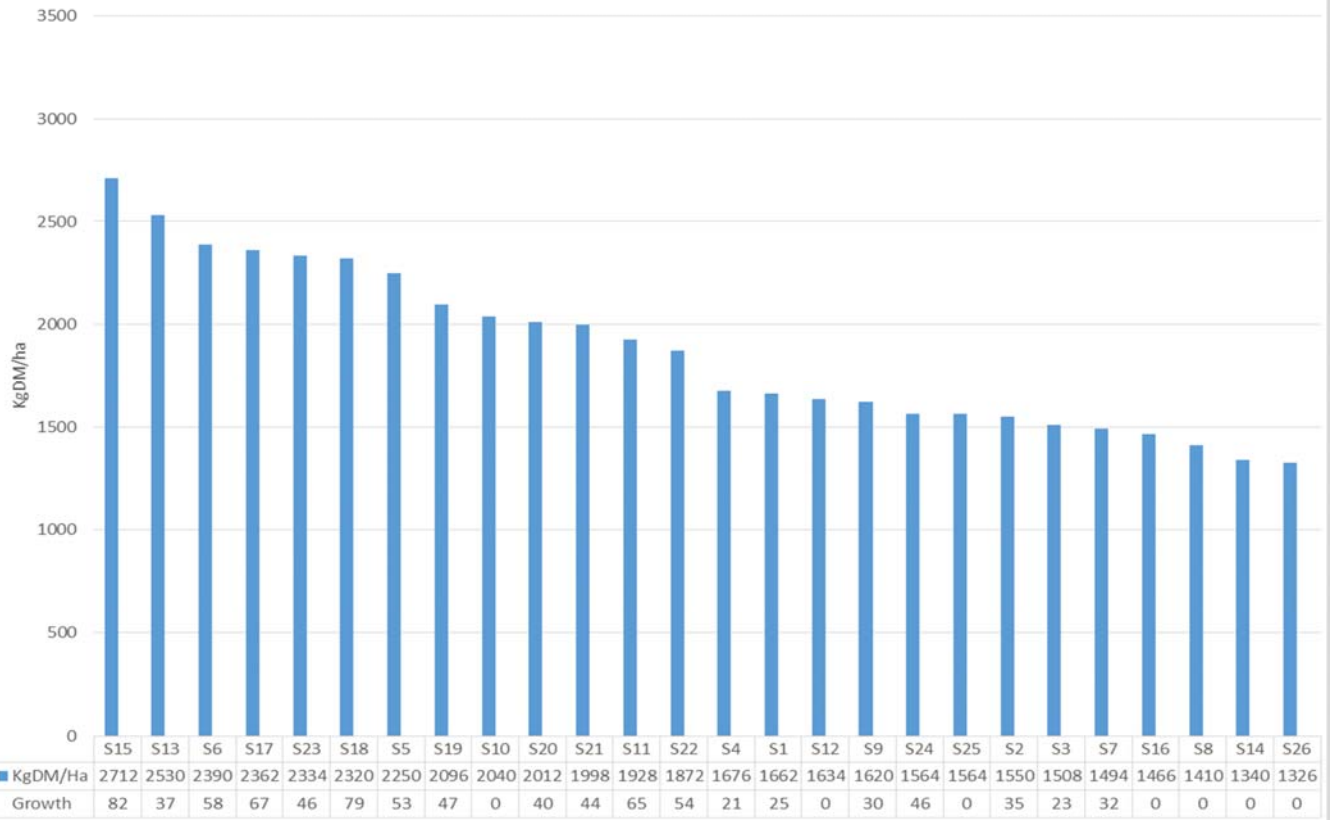
| Week Ending | 13/9/17 | | 20/9/17 | |
|---|-----------|--------|-----------|--------|
| Backtrack Dairies | Whakapono | Waiora | Whakapono | Waiora |
| Farm grazing ha | 155 | 210 | 155 | 210 |
| Peak Cows | 512 | 697 | 512 | 697 |
| Stocking Rate (cows in milk/ha) | 2.7 | 2.6 | 3.0 | 2.8 |
| Cows in Milk | 457 | 574 | 475 | 625 |
| % of cows in Sick Herd | 1.8 | 1.5 | 2.6 | 0.9 |
| Cows in Vat | 391 | 515 | 435 | 558 |
| Ave. Pasture Cover | 1775 | 1807 | 1848 | 1902 |
| Ave. Pasture Growth | 19 | 22 | 47 | 41 |
| Area Grazed | 4.20 | 4.77 | 5.30 | 6.14 |
| Grazing Interval | 37 | 44 | 29 | 34 |
| Pasture Intake (est kgDM/cow) | 8 | 10 | 14 | 14 |
| Grass Silage Fed (kgDM/cow) | 8.5 | 7.1 | 9.8 | 6.9 |
| Grain/PKE Fed (kgDM/cow) | 1.9 | 1.9 | 2.5 | 2.5 |
| Total Fed KgDM/cow | 19 | 19 | 26 | 23 |
| Milk Solids (Kg/cow/day)(inclu calf milk) | 1.86 | 1.80 | 1.89 | 1.92 |
| MS/ha/day | 4.67 | 4.28 | 5.28 | 4.93 |
| Nitrogen applied (kg N/ha) | 5 | 3 | 3 | 2 |
| Rainfall (mm for week) | 8 | 8 | 45 | 45 |
| Irrigation applied (mm for week) | 0 | 0 | 0 | 0 |
| Soil Temperature at 9am | | | | |
| Soil Moisture (between 65-76%) | | | | |
| Cell count (000's) | 150 | 152 | 126 | 119 |
| Mastitis Cases (%) | 0.6 | 0.0 | 1.2 | 0.3 |
| Lameness Cases (%) | 0.6 | 0.1 | 0.0 | 0.1 |
| Body Condition Score | | | | |
| Totals To Date | | | | |
| Milk Solids to factory | 15258 | 20352 | 21008 | 27634 |
| Milk Solids inclu calf milk | 15474 | 20820 | 21602 | 28732 |
| MS/ha | 98 | 96 | 135 | 131 |
| MS/cow (peak cows)(inclu calf milk) | 30 | 30 | 42 | 41 |
| Nitrogen applied (kg N/ha) | 27 | 26 | 27 | 31 |
| Supplements Fed (kg/cow) | 169 | 163 | 212 | 200 |
| Deaths % | 1.2 | 0.7 | 1.2 | 1.1 |
| Culls % | 0.4 | 0.6 | 0.2 | 0.6 |

Summary

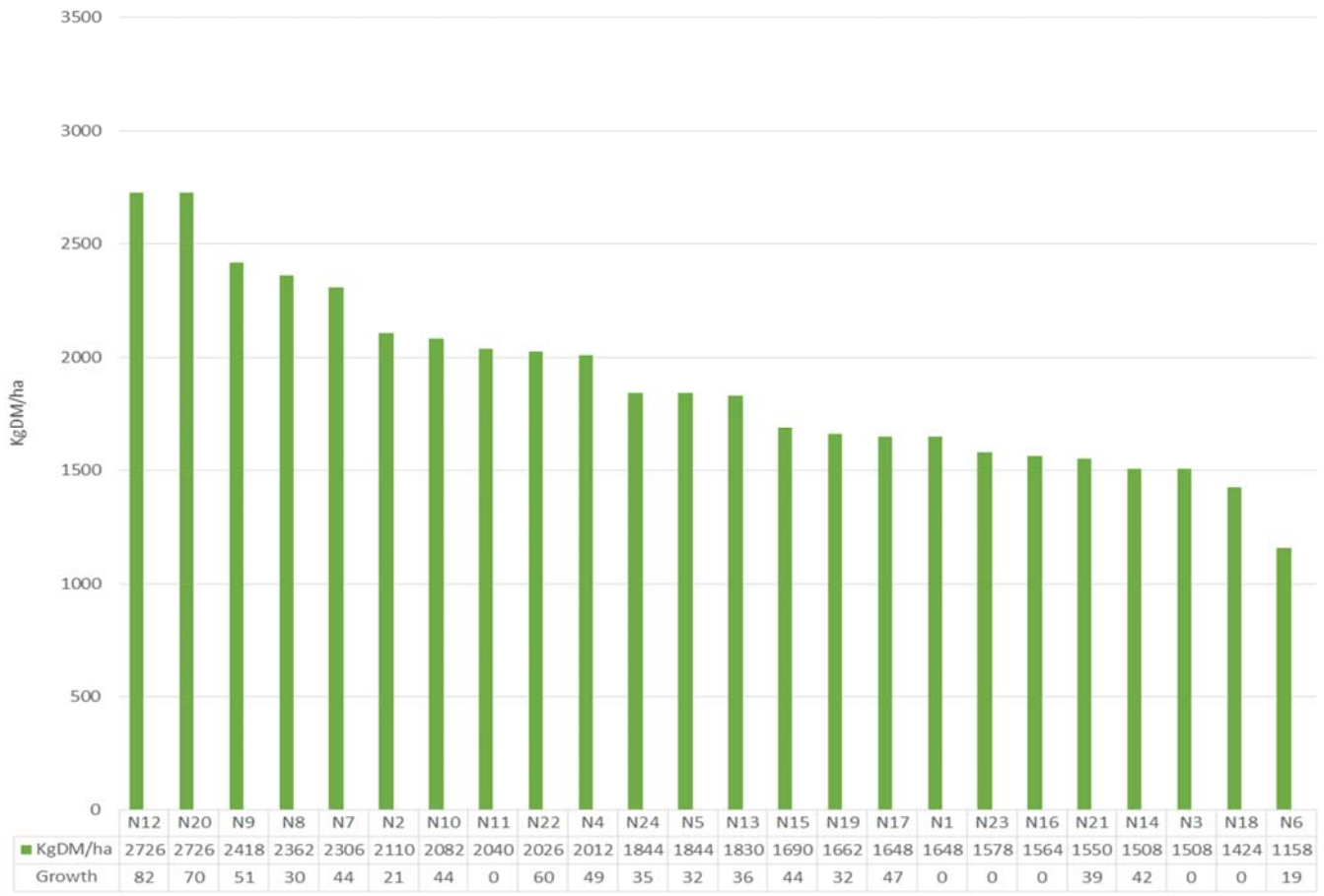
- Whakapono had an average pasture cover of 1848 KgDM/ha which is an increase from 1775KgDM/ha last week and Waiora had an average pasture cover of 1902 KgDM/ha, also an improvement on last week when it was 1807KgDM/ha.
- Growth rates on Whakapono are at 47 KgDM/ha and at 42 KgDM/ha on Waiora. Growth rates have improved greatly since last week.
- Still a few to calve. Heifers have now joined the springers on both sides.
- Springers are getting baleage, milkers are getting pit silage, PKE and grain in the shed.
- Milk production is at 1.89KgMS/cow on Whakapono and 1.92KgMS/cow on Waiora. Started to increase.
- Another 45mm of rainfall this week.
- Have split cows on Waiora into 2 herds now.

Feed Wedges – 19th September

Whakapono Feed Wedge



Waiora Feed Wedge



Animal Health

| | Whakapono | Waiora |
|---------------------|-----------|--------|
| No of Mastitis Cows | 6 | 2 |
| No of Lambe Cows | 0 | 1 |
| Sick Herd % | 2.6 | 0.9 |

Pasture Quality for this week:

| | Whakapono | Waiora |
|----------------|------------------|---------------|
| DM% | 20 | 18 |
| Ryegrass (%DM) | 89 | 95 |
| Clover (%DM) | 11 | 5 |
| Weeds (%DM) | 0 | 0 |
| Herbs (%DM) | 0 | 0 |