



CANTERBURY/MARLBOROUGH BREEDING AND FINISHING SHEEP AND BEEF

Key results from the Ministry for Primary Industries 2012 sheep and beef monitoring programme

KEY POINTS

- Net cash income rose \$128 000 (24 percent) in 2011/12, with high lamb, sheep, wool and cattle prices and good production levels.
- Farmers and industry commentators describe 2011/12 as the “best season ever” for weather and pasture growth.
- Farm working expenses rose 11 percent from \$294 000 in 2010/11 to \$326 000 in 2011/12. Increased disposable cash becoming available through the season as a result of improved prices and production levels enabled increased inputs into the farming system.
- Farm profit before tax nearly doubled to \$220 000 in 2011/12 but is budgeted to fall to \$185 000 in 2012/13, which is still \$75 000 above 2010/11 levels.
- Farmers are budgeting for a 6 percent drop in net cash income for 2012/13, due to falls in sheep and wool revenue. In contrast, grazing income is expected to increase and cattle and other farm income to hold.
- Following high farm profits in 2011/12, farmers will face increased terminal and provisional tax liabilities in 2012/13.
- Industry commentators observe that this exceptional season has lowered stress levels. Farmers are feeling optimistic and are well-positioned to make good decisions regarding on-farm management and longer term planning.

Table 1: Key parameters, financial results and budget for the Canterbury Marlborough breeding and finishing sheep and beef farm model

| Year ended 30 June | 2008/09 | 2009/10 ¹ | 2010/11 | 2011/12 actual | 2012/13 budget |
|---|---------|----------------------|---------|----------------|----------------|
| Effective area (ha) | 469 | 469 | 475 | 478 | 478 |
| Breeding ewes (head) | 2 250 | 2 250 | 2 070 | 2 070 | 2 075 |
| Replacement ewe hoggets (head) | 415 | 380 | 465 | 485 | 500 |
| Other sheep (head) | 93 | 284 | 281 | 352 | 322 |
| Breeding cows (head) | 0 | 0 | 0 | 0 | 0 |
| Rising one-year cattle (head) | 75 | 60 | 60 | 70 | 65 |
| Other cattle (head) | 75 | 60 | 80 | 70 | 70 |
| Opening sheep stock units (ssu) | 3 084 | 3 212 | 3 076 | 3 146 | 3 159 |
| Opening cattle stock units | 1 012 | 913 | 1 280 | 1 482 | 1 572 |
| Opening total stock units (su) | 4 096 | 4 300 | 4 552 | 4 628 | 4 730 |
| Stocking rate (stock unit/ha) | 8.7 | 9.2 | 9.6 | 9.7 | 9.9 |
| Ewe lambing (%) | 125 | 138 | 136 | 138 | 136 |
| Average lamb price (\$/head) | 80.92 | 79.94 | 99.35 | 112.56 | 99.37 |
| Average store lamb price (\$/head) | 66.31 | 76.00 | 83.00 | 105.00 | 90.00 |
| Average prime lamb price (\$/head) | 84.09 | 80.00 | 100.50 | 113.00 | 100.00 |
| Average wool price (\$/kg) | 2.58 | 2.67 | 3.90 | 4.60 | 3.50 |
| Total wool produced (kg) | 13 736 | 13 215 | 12 720 | 13 230 | 13 285 |
| Wool production (kg/ssu) | 4.5 | 4.1 | 4.1 | 4.2 | 4.2 |
| Average rising two-year steer (\$/head) | 980 | 840 | 960 | 1 070 | 1 100 |
| Average cull cow (\$/head) | NA | NA | NA | NA | NA |
| Net cash income (\$) | 406 032 | 452 965 | 528 827 | 656 463 | 615 205 |
| Farm working expenses (\$) | 225 476 | 274 250 | 294 236 | 325 748 | 334 295 |
| Farm profit before tax (\$) | 58 693 | 46 615 | 111 496 | 220 039 | 185 144 |
| Farm surplus for reinvestment (\$) ² | 20 827 | 15 139 | 69 937 | 151 361 | 74 909 |

Notes

1 The sample of farms used to compile this model changed between 2008/09 and 2009/10. Caution is advised if comparing data between these two years.

2 Farm surplus for reinvestment is the cash available from the farm business, after meeting living costs, which is available for investment on the farm or for principal repayments. It is calculated as farm profit after tax plus depreciation plus stock adjustments less drawings.

Table 2: Canterbury Marlborough breeding and finishing sheep and beef model budget

| | 2011/12 | | | 2012/13 budget | | |
|--|------------------|------------------|----------------------------------|------------------|------------------|----------------------------------|
| | Whole farm (\$) | Per hectare (\$) | Per stock unit ¹ (\$) | Whole farm (\$) | Per hectare (\$) | Per stock unit ¹ (\$) |
| Revenue | | | | | | |
| Sheep | 386 025 | 808 | 122.71 | 342 800 | 717 | 108.53 |
| Wool | 60 858 | 127 | 19.35 | 46 498 | 97 | 14.72 |
| Cattle | 165 370 | 346 | 111.61 | 165 000 | 345 | 104.98 |
| Grazing income (including hay and silage sales) | 98 295 | 206 | 21.24 | 115 933 | 243 | 24.51 |
| Other farm income | 89 400 | 187 | 19.32 | 88 000 | 184 | 18.60 |
| Less: | | | | | | |
| Sheep purchases | 52 920 | 111 | 16.82 | 50 395 | 105 | 15.95 |
| Cattle purchases | 90 565 | 189 | 61.12 | 92 630 | 194 | 58.94 |
| Net cash income | 656 463 | 1 373 | 141.86 | 615 205 | 1 287 | 130.06 |
| Farm working expenses | 325 748 | 681 | 70.39 | 334 295 | 699 | 70.67 |
| Cash operating surplus | 330 715 | 692 | 71.47 | 280 910 | 588 | 59.39 |
| Interest | 67 688 | 142 | 14.63 | 67 601 | 141 | 14.29 |
| Rent and/or leases | 14 700 | 31 | 3.18 | 15 400 | 32 | 3.26 |
| Stock value adjustment | - 2 580 | - 5 | -0.56 | 11 775 | 25 | 2.49 |
| Minus depreciation | 25 708 | 54 | 5.56 | 24 540 | 51 | 5.19 |
| Farm profit before tax | 220 039 | 460 | 47.55 | 185 144 | 387 | 39.14 |
| Income equalisation | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| Taxation | 31 966 | 67 | 6.91 | 60 000 | 126 | 12.68 |
| Farm profit after tax | 188 073 | 393 | 40.64 | 125 144 | 262 | 26.46 |
| Allocation of funds | | | | | | |
| Add back depreciation | 25 708 | 54 | 5.56 | 24 540 | 51 | 5.19 |
| Reverse stock value adjustment | 2 580 | 5 | 0.56 | - 11 775 | - 25 | -2.49 |
| Drawings | 65 000 | 136 | 14.05 | 63 000 | 132 | 13.32 |
| Farm surplus for reinvestment² | 151 361 | 317 | 32.71 | 74 909 | 157 | 15.84 |
| Reinvestment | | | | | | |
| Net capital purchases | 35 000 | 73 | 7.56 | 16 000 | 33 | 3.38 |
| Development | 5 258 | 11 | 1.14 | 4 780 | 10 | 1.01 |
| Principal repayments | 49 388 | 103 | 10.67 | 30 641 | 64 | 6.48 |
| Farm cash surplus/deficit | 61 715 | 129 | 13.34 | 23 488 | 49 | 4.97 |
| Other cash sources | | | | | | |
| Off-farm income | 6 500 | 14 | 1.40 | 3 000 | 6 | 0.63 |
| New borrowings | 4 780 | 10 | 1.03 | 6 600 | 14 | 1.40 |
| Introduced funds | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| Net cash position | 72 995 | 153 | 15.77 | 33 088 | 69 | 6.99 |
| Assets and liabilities | | | | | | |
| Farm, forest and building (opening) | 5 773 125 | 12 078 | 1247.55 | 5 790 174 | 12 113 | 1224.06 |
| Plant and machinery (opening) | 165 050 | 345 | 35.67 | 157 293 | 329 | 33.25 |
| Stock valuation (opening) | 555 371 | 1162 | 120.01 | 552 791 | 1156 | 116.86 |
| Other produce on hand (opening) | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| Total farm assets (opening) | 6 493 546 | 13 585 | 1403.23 | 6 500 258 | 13 599 | 1374.18 |
| Total assets (opening) | 6 496 546 | 13 591 | 1403.88 | 6 503 258 | 13 605 | 1374.81 |
| Total liabilities (opening) | 1 126 430 | 2 357 | 243.42 | 1 087 430 | 2 275 | 229.89 |
| Total equity (farm assets - liabilities) | 5 370 116 | 11 235 | 1160.46 | 5 412 828 | 11 324 | 1144.29 |

Notes

1 Sheep stock units are used in the per stock calculation for sheep and wool income and sheep purchases. Cattle stock units are used for cattle income and purchases. The remainder of the time total stock units are used.

2 Farm surplus for reinvestment is the cash available from the farm business, after meeting living costs, which is available for investment on the farm or for principal repayments. It is calculated as farm profit after tax plus depreciation plus stock adjustments less drawings.

Table 3: Canterbury Marlborough breeding and finishing sheep and beef model expenditure

| | 2011/12 | | | 2012/13 budget | | |
|---|-----------------|------------------|---------------------|-----------------|------------------|---------------------|
| | Whole farm (\$) | Per hectare (\$) | Per stock unit (\$) | Whole farm (\$) | Per hectare (\$) | Per stock unit (\$) |
| Farm working expenses | | | | | | |
| Permanent wages | 27 724 | 58 | 5.99 | 28 680 | 60 | 6.06 |
| Casual wages | 5 736 | 12 | 1.24 | 6 692 | 14 | 1.41 |
| ACC | 1 086 | 2 | 0.23 | 1 148 | 2 | 0.24 |
| Total labour expenses | 34 546 | 72 | 7.47 | 36 520 | 76 | 7.72 |
| Animal health | 19 120 | 40 | 4.13 | 19 120 | 40 | 4.04 |
| Breeding | 3 824 | 8 | 0.83 | 3 824 | 8 | 0.81 |
| Electricity | 7 170 | 15 | 1.55 | 7 648 | 16 | 1.62 |
| Feed (hay and silage) | 17 686 | 37 | 3.82 | 15 774 | 33 | 3.33 |
| Feed (feed crops) | 1 912 | 4 | 0.41 | 1 912 | 4 | 0.40 |
| Feed (grazing) | 3 346 | 7 | 0.72 | 3 824 | 8 | 0.81 |
| Feed (other) | 6 214 | 13 | 1.34 | 6 692 | 14 | 1.41 |
| Fertiliser | 57 360 | 120 | 12.40 | 58 316 | 122 | 12.33 |
| Lime | 6 750 | 14 | 1.46 | 6 750 | 14 | 1.43 |
| Cash crop expenses ¹ | 8 920 | 19 | 1.93 | 9 000 | 19 | 1.90 |
| Freight (not elsewhere deducted) | 10 516 | 22 | 2.27 | 10 516 | 22 | 2.22 |
| Regrassing costs | 16 730 | 35 | 3.62 | 16 730 | 35 | 3.54 |
| Shearing expenses ² | 17 617 | 37 | 5.60 | 18 004 | 38 | 5.70 |
| Weed and pest control | 16 730 | 35 | 3.62 | 16 730 | 35 | 3.54 |
| Fuel | 16 730 | 35 | 3.62 | 17 686 | 37 | 3.74 |
| Vehicle costs (excluding fuel) | 11 950 | 25 | 2.58 | 12 906 | 27 | 2.73 |
| Repairs and maintenance | 26 290 | 55 | 5.68 | 26 290 | 55 | 5.56 |
| Total other working expenses | 248 865 | 521 | 53.78 | 251 722 | 527 | 53.21 |
| Communication costs (phone and mail) | 3 824 | 8 | 0.83 | 3 824 | 8 | 0.81 |
| Accountancy | 4 302 | 9 | 0.93 | 4 302 | 9 | 0.91 |
| Legal and consultancy | 2 390 | 5 | 0.52 | 2 390 | 5 | 0.51 |
| Other administration | 3 346 | 7 | 0.72 | 3 346 | 7 | 0.71 |
| Water charges (irrigation) | 1 912 | 4 | 0.41 | 1 912 | 4 | 0.40 |
| Rates | 10 516 | 22 | 2.27 | 10 994 | 23 | 2.32 |
| Insurance | 10 038 | 21 | 2.17 | 11 950 | 25 | 2.53 |
| ACC employer | 3 619 | 8 | 0.78 | 4 467 | 9 | 0.94 |
| Other expenditure | 2 390 | 5 | 0.52 | 2 868 | 6 | 0.61 |
| Total overhead expenses | 42 337 | 89 | 9.15 | 46 053 | 96 | 9.74 |
| Total farm working expenses | 325 748 | 681 | 70.39 | 334 295 | 699 | 70.67 |
| Calculated ratios | | | | | | |
| Economic farm surplus (EFS ³) | 227 427 | 476 | 49.15 | 193 145 | 404 | 40.83 |
| Farm working expenses/NCI ⁴ | 50% | | | 54% | | |
| EFS/total farm assets | 3.5% | | | 3.0% | | |
| EFS less interest and lease/equity | 2.7% | | | 2.0% | | |
| Interest+rent+lease/NCI | 12.6% | | | 13.5% | | |
| EFS/NCI | 34.6% | | | 31.4% | | |
| Wages of management | 75 000 | 157 | 16.21 | 75 000 | 157 | 15.86 |

Notes

1 Includes forestry expenses.

2 Shearing expenses per stock unit based on sheep stock units.

3 EFS is calculated as follows: net cash income plus change in livestock values less farm working expenses less depreciation less wages of management (WOM). WOM is calculated as follows: \$31 000 allowance for labour input plus 1 percent of opening total farm assets to a maximum of \$75 000.

4 Net cash income.

FINANCIAL PERFORMANCE OF THE CANTERBURY/MARLBOROUGH BREEDING AND FINISHING SHEEP AND BEEF FARM MODEL IN 2011/12

Better prices and improved production levels for lambs, sheep, cattle, wool and grazing increased the cash operating surplus for the breeding and finishing sheep and beef farm model by \$96 000 (41 percent).

HIGHER PRICES AND HEAVIER WEIGHTS LIFT INCOME

Net cash income increased 24 percent to \$656 500 in 2011/12, compared with the previous year's result, which was also a good year. This year's exceptional result is not expected to be repeated in 2012/13. Sheep sales less purchases increased 18 percent from 2010/11, with a lift in prices for all classes of stock and higher lamb numbers from a 138 percent lambing.

Lamb prices up but fell from early season peak

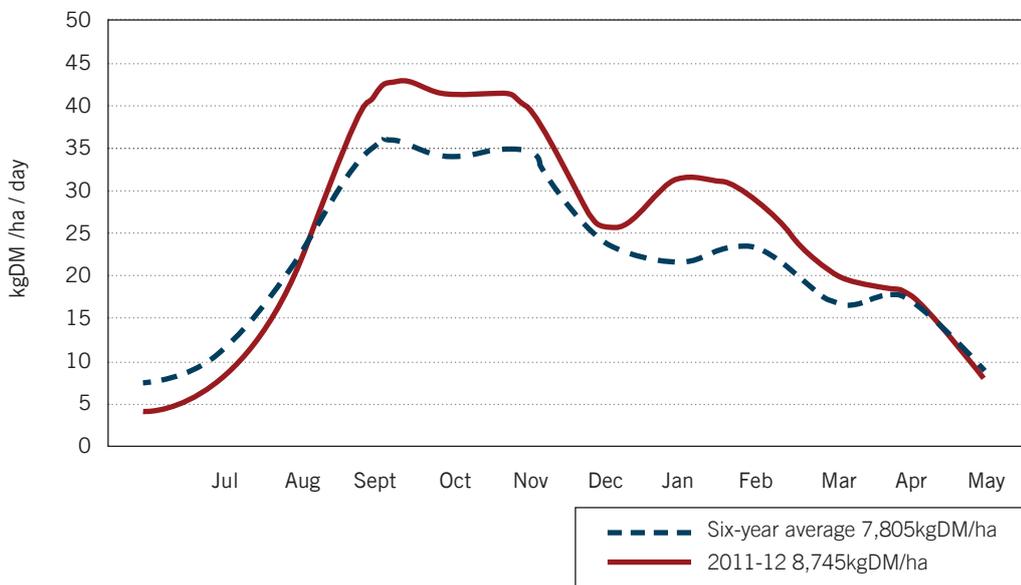
The average lamb price, at \$112 per head, was up 13 percent on 2010/11. Farmers are accustomed to a falling lamb schedule through the season, but the 2011/12 fall was greater than expected, disappointing farmers. The lamb schedule fell from a peak of \$8.00 per kilogram carcass weight (\$140 per lamb) in December to \$5.60 per kilogram (\$100 per lamb) in May. Store lamb prices

were strong early in the season, with typical sales at \$3.50 to \$3.70 per kilogram liveweight (\$90 to \$110 per lamb) in Canterbury during November and higher prices paid in Marlborough. Store lamb prices declined from \$2.90 per kilogram in February (\$80 per lamb) to \$2.80 per kilogram in May (\$70 per lamb). This disappointed some farmers as they would have received more for lambs had they sold earlier in the season than they did finishing them in late autumn. These prices were partly driven by the exceptional pasture growth during the season. As shown in Figure 1, pasture production at Hororata was 12 percent above usual levels.

Wool prices and weights both up

The average wool price of \$4.60 per kilogram in 2011/12 was 18 percent above the previous year's price of \$3.90, which was itself 46 percent above the 2009/10 price of \$2.67. Wool weight lifted slightly to 4.21 kilograms per sheep stock unit, due to good feeding levels in both the 2010/11 and 2011/12 seasons. A change in shearing policy to six or eight month shearing has occurred on some farms this year as a means of improving wool clip quality with the longer fleece growth. At lower prices, this practice is uneconomic.

Figure 1: Hororata pasture growth curve - 2011/12 season compared with 6 year average 2006/07-2011/12 (kgDM/ha/day)



Note
kgDM/ha/day is Kilograms of dry matter per hectare per day.

Flexible cattle policies with an increase in grazing systems

Various cattle policies are farmed in this model. Cattle sale prices were up for all classes of stock in 2011/12, due to heavier individual animal weights, resulting from ample feed supplies. Rising two-year cattle prices increased 11 percent from \$960 to \$1070 reflecting the heavier weights. Cattle income less purchases rose 28 percent in 2011/12 to \$74 800. The cattle stocking rate is steadily increasing in the model, due to greater grazing stock numbers, while finishing cattle numbers remain stable. For these farmers, having flexibility to change and move between cattle policies is important to maximise cattle returns. Climatic conditions are also important, and farmers value the ability to dispose of stock if feed supply tightens.

Grazing income climbs

Income from grazing has increased more than any other income source, rising 38 percent from \$71 000 in 2010/11 to \$98 300 in 2011/12. The increasing importance of grazing stock to this farm model has been identified for several years now and is expected to continue. Dairy grazing is the largest class and offers a range of policies outside the traditional cattle policies of growing young stock or wintering cows. Other dairy cattle policies include buying Jersey bull calves for later sale as bulls to mate heifers, buying good “carry-over” cows (pregnancy tested as empty) for mating and later sale as in-calf cows or buying and rearing recorded heifer calves for later sale.

Increasing flexibility is apparent with a variety of cattle, and now also sheep, grazing policies. In 2011/12, farmers also grazed lambs on contract at a price per kilogram of liveweight gain. Some sold their own lambs early at higher prices and later,

with good feed levels, were happy to be paid to grow lambs on a per kilogram contract.

Other income stable

Cereal crops also benefited from good growing conditions in 2011/12. Record cereal yields of over 10 tonnes per hectare were recorded on land that might usually average 6 tonnes per hectare. However, with the good harvest, prices fell so income remained static.

SIGNIFICANT RISE IN EXPENDITURE AS CASH SURPLUSES SPENT ON FARM INPUTS

Farm working expenses rose 11 percent, from \$619 per hectare in 2010/11, to \$681 per hectare in 2011/12, as a result of disposable cash becoming available through the season with improved prices and production levels. Better product prices made it economic for farmers to increase inputs on productive parts of the farm system. Expenditure in several areas increased by more than 10 percent: animal health (15 percent), breeding (12 percent), feed (22 percent), fertiliser (15 percent), weed and pest control (24 percent) and repairs and maintenance (13 percent). Despite this increased spending, and due to the higher income, farm working expenses as a percentage of net cash income fell to 50 percent in 2011/12 after two years at 56 percent.

Fertiliser

Fertiliser expenditure rose 15 percent, half from cost increases and half from increased tonnage. The cost rises included increases in freight, spreading charges and the price per tonne of some fertilisers. The additional fertiliser was applied to feed crops to increase quality and yield. Farmers recognise the value in yield of feed crops, which are generally sold per kilogram of dry matter.

Table 4: Canterbury Marlborough breeding and finishing sheep and beef model

| Year ended 30 June | 2008/09 (\$) | 2009/10 (\$) | 2010/11 (\$) | 2011/12 (\$) | 2012/13 budget (\$) |
|---|-----------------|-----------------|-----------------|-----------------|------------------------|
| Sheep sales less purchases | 230 519 | 254 295 | 282 734 | 333 105 | 292 405 |
| Cattle sales less purchases | 66 875 | 37 015 | 58 550 | 74 805 | 72 370 |
| Wool | 35 438 | 35 284 | 49 608 | 60 858 | 46 498 |
| Grazing income (including hay and silage sales) | 49 800 | 64 128 | 71 030 | 98 295 | 115 933 |
| Other income | 23 400 | 62 243 | 66 905 | 89 400 | 88 000 |
| Net cash income | 406 032 | 452 965 | 528 827 | 656 463 | 615 205 |

Note

The sample of farms used to compile this model changed between 2008/09 and 2009/10. Caution is advised if comparing data between these two years.

Feed expenditure soars

Feed expenses rose 22 percent in 2011/12 due to increased conservation of surplus pasture as baleage, silage and hay. Kind weather conditions in winter 2011, with record winter feed crop yields, were followed by strong pasture growth in spring and early summer. The good growing conditions resulted in more silage and baleage being made than normal and some harvesting of hay – a practice rare in recent years. Farmers have rebuilt conserved feed reserves, with extra supplies of silage now stored for the long term.

The areas of forage crops grown for feed as a cash crop for dairy grazing have increased. Such crops are sold at a price per kilogram of dry matter. Weed and pest expenses have also risen with the increase in feed crops and cereal crops being sown.

Insurance climbs, interest falls

As predicted, insurance costs have climbed in response to the Christchurch earthquakes. The 17 percent increase in 2011/12 is expected to be followed by another 19 percent increase in 2012/13. In contrast, further falls in interest rates in 2011/12 have resulted in a 20 percent reduction in interest costs as fixed-term loans finish and move onto floating

or short-term fixed rates of less than 6.5 percent. Debt servicing, including rent and lease for the farm model, dropped to 13 percent of the net cash income in 2011/12, from 19 percent in 2010/11, mostly as a result of the increased income.

Farmers have taken the opportunity to consolidate their financial position by reducing debt to put them in a stronger position for the future. Industry commentators suggest this debt reduction has largely focussed on the current account rather than on long-term debt.

FARM PROFIT BEFORE TAX NEARLY DOUBLES

The 24 percent rise in net cash income and relatively modest 11 percent increase in farm working expenses resulted in farm profit before tax of \$220 000 in 2011/12. This was nearly double the 2010/11 figure, which was said at the time to be at the highest level for many years. The resulting farm cash surplus increased four-fold to \$61 700. Industry commentators observe that low farmer stress from this exceptional season has farmers feeling optimistic and well positioned to make good decisions in on-farm management and longer term planning.

BUDGET FINANCIAL PERFORMANCE OF THE CANTERBURY/MARLBOROUGH BREEDING AND FINISHING SHEEP AND BEEF MODEL FARM IN 2012/13

With a drop in sheep and wool revenue, the cash operating surplus for the breeding and finishing sheep and beef farm model for 2012/13 is expected to fall 15 percent to \$280 900, compared with the exceptional 2011/12 year. In contrast, grazing income is budgeted to increase 18 percent and cattle and other farm income to hold. All income and profit expectations are still above 2010/11 levels, except for wool revenue.

REVENUE EXPECTED TO FALL 6 PERCENT

Farmers are cautious about lamb and sheep prices for next year and are budgeting for a return to the \$99 average lamb price of 2010/11. Cattle and grazing prices are expected to increase slightly, but a large fall of 24 percent in the wool price, to \$3.50 per kilogram, is expected.

Good lambing expected

Lambing is expected to be 136 percent for 2012, and ewes and hoggets entered winter in good condition. Lambing would have been budgeted higher if ewes had been on higher quality feed with a rising plane of nutrition to give a flushing effect. However, this was not the case on many farms, which had poor-quality feed following the growthy season.

Cattle revenue supported by heavier weights

Cattle prices are expected to increase slightly in 2012/13 due to heavier stock being carried through winter after the ample feed supply of 2011/12. Young cattle will also carry extra weight into the new season and this is expected to reflect in sale prices.

Dramatic fall in wool price

Farmers were predicting \$4.60 per kilogram for wool would carry through to 2012/13, but the price dropped considerably towards the end of the 2011/12

season and industry commentators advise a forecast price of \$3.50 per kilogram is more appropriate. Wool weights are expected to stay at the 2011/12 level of 4.21 kilograms per sheep stock unit due to good feeding levels throughout the past 12 months.

Grazing continues to grow

The trend to increase income from dairy and other cattle and sheep grazing is expected to continue, with grazing revenue budgeted to rise 18 percent in 2012/13. An ongoing annual increase in the cattle stocking rate reflects this trend.

Crop policy price dependent on spring prices

Farmers indicate that the 2012/13 area grown in wheat and barley will be similar to 2011/12, despite indications of a drop in feed grain prices. However, if prices are low in spring they may replace spring-sown barley with feed crops. Winter brassicas are starting to be considered a cash crop. They occupy land from October to the following August and are sold per kilogram of dry matter for dairy grazing.

EXPENDITURE HELD AT NEW HIGHER LEVEL

Following a year of high expenditure, farmers expect to hold or reduce discretionary spending in 2012/13. However, industry commentators predict expense levels will remain at or exceed the higher levels of 2011/12 if anticipated price and production levels are achieved.

Grazing feed costs and insurance to rise again

Farmers are budgeting for only a few large cost increases in 2012/13, these being grazing (14 percent) and insurance (19 percent). Smaller

increases have been budgeted for electricity (7 percent), feed other (8 percent), fuel (6 percent), vehicle (8 percent) and rates (5 percent).

Most expenses unchanged

Farmers expect most expenses for 2012/13 to be similar to 2011/12 levels. Feed expenses for 2012/13 are anticipated to be slightly lower, with a more normal season expected and less feed conservation planned. Weed and pest control and regrassing are being held constant. However, grass grub damage in pastures following the moist growthy season in 2011/12 may mean some pastures require treatment or repair in 2012/13.

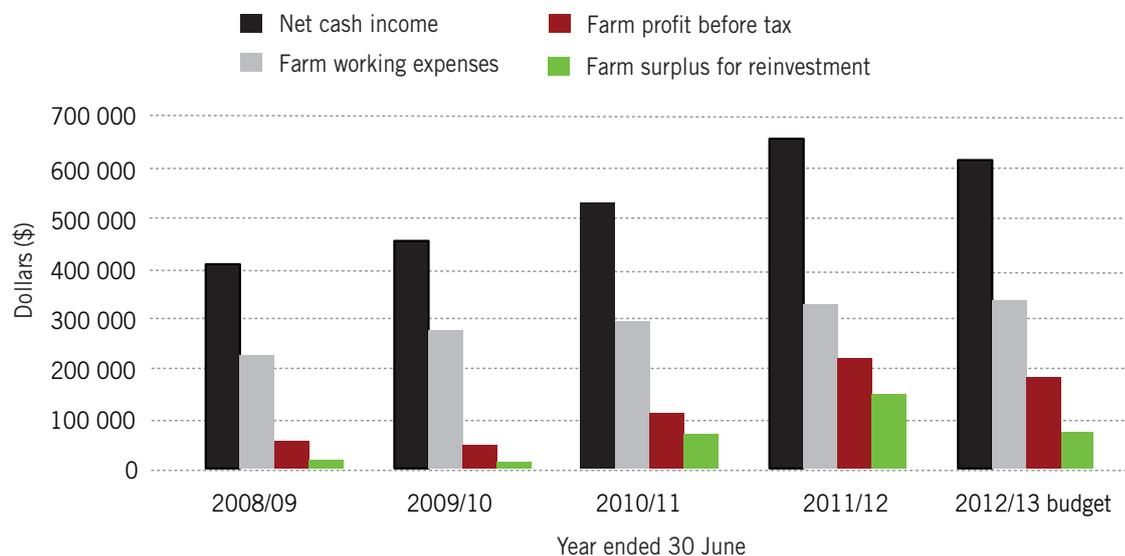
Tax planning is important

Following the high farm profit in 2011/12, farmers will face increased terminal and provisional tax liabilities in 2012/13. Accountants have commented that tax planning will be important to their farming clients this year. The farm model has budgeted taxation of \$60 000, an increase of 88 percent over 2011/12. Most farmers no longer have tax losses carried forward from previous years to reduce their tax liability. Farmers entered 2012/13 with advice that they will benefit from forward planning and good management of expenditure in the coming year.

NET RESULT WEAKENS

Net farm profit before tax is expected to decrease 16 percent to \$185 100 in 2012/13. This profit is sufficient to cover expected tax, and reduced capital, development and principal payments and leave a net cash position of \$33 100.

Figure 2: Canterbury/Marlborough breeding and finishing sheep and beef model profitability trends



INFORMATION ABOUT THE MODEL

This model represents 1555 finishing breeding farms in coastal Marlborough and Canterbury. Farms are located on the dry downs and plains, in irrigated areas and in the higher rainfall upper plains. Farm sizes, stocking rates, stock classes and performance vary in this region. The farms in the model have an average effective area of 478 hectares and normally run nine to ten stock units per effective hectare.

Breeding ewe flocks with lamb finishing predominate, with cattle finishing and/or grazing generating income on many properties. Some farmers also derive income from cash cropping, deer, beef breeding cows, lamb finishing, farm forestry and off-farm sources. Cattle returns are calculated on a beef finishing policy.

Please note that the sample of farms has changed between 2008/09 and 2009/10. Caution should be taken if comparing data between these two years.

Farm monitoring models calculate sheep stock units based on lambing performance. One standard sheep stock unit is based on a ewe lambing greater than 111 and less than 120 percent. Based on the lambing percentage for this model breeding ewe numbers were multiplied by 1.2 stock units in both years. Any per stock unit calculations or indices should take this into account when comparing to other sources of financial information.

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