

TABLE B15. Summary of per acre costs and returns for a 200 acre farm with above average management, Carlsbad Basin, Eddy County, 2001.

| | ALFALFA ESTABLISHMENT | ALFALFA HAY | BARLEY | SUDAN FLOOD | PICKER COTTON | STRIPPER COTTON | RED CHILE |
|----------------------------------|--------------------------|----------------|------------|----------------|------------------|--------------------|--------------|
| | | TONS | CWT | ACRE | LBS | LBS | CWT |
| PRIMARY YIELD | | 6.50 | 44.00 | 1.00 | 800.00 | 0.00 | 4000.00 |
| PRIMARY PRICE | | 126.00 | 3.30 | 96.00 | 0.34 | 0.00 | 0.69 |
| GOVERNMENT PAYMENTS | | 0.00 | 9.06 | 0.00 | 79.92 | 0.00 | 0.00 |
| SECOND INCOME | | 10.00 | 40.00 | 0.00 | 62.40 | 0.00 | 0.00 |
| GROSS RETURN | | \$829.00 | \$194.26 | \$96.00 | \$411.92 | \$0.00 | \$2,760 |
| CASH OPERATING EXPENSES | | | | | | | |
| SEED | \$72.50 | | \$26.40 | \$13.00 | \$14.00 | \$0.00 | \$168.00 |
| FERTILIZER | | \$39.12 | \$12.80 | \$98.00 | \$18.40 | \$0.00 | \$82.00 |
| CHEMICALS | | \$52.50 | \$13.78 | | \$66.41 | \$0.00 | \$73.79 |
| CROP INSURANCE | | | \$11.76 | | \$0.82 | \$0.00 | \$40.00 |
| OTHER PURCHASED INPUTS | | \$18.95 | | | | | |
| CANAL WATER | \$0.00 | \$41.00 | \$41.00 | \$41.00 | \$41.00 | \$0.00 | \$41.00 |
| FUEL, OIL & LUBRICANTS-EQUIPMENT | \$19.88 | \$19.11 | \$12.38 | \$11.81 | \$23.00 | \$0.00 | \$24.11 |
| FUEL-IRRIGATION | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| REPAIRS | \$14.31 | \$7.43 | \$9.19 | \$8.77 | \$15.38 | \$0.00 | \$14.86 |
| CUSTOM CHARGES | \$73.33 | \$62.40 | \$22.48 | | \$207.52 | \$0.00 | \$1,000.00 |
| LAND TAXES | | \$1.88 | \$1.88 | \$1.88 | \$1.88 | \$0.00 | \$1.88 |
| OTHER EXPENSES | \$0.44 | \$130.92 | \$130.54 | \$130.60 | \$130.79 | \$0.00 | \$130.78 |
| TOTAL CASH EXPENSES | \$180.45 | \$373.31 | \$282.21 | \$305.06 | \$519.21 | \$0.00 | \$1,576.43 |
| RETURN OVER CASH EXPENSES | (\$180.45) | \$455.69 | (\$87.94) | (\$209.06) | (\$107.29) | \$0.00 | \$1,183.57 |
| FIXED EXPENSES | \$61.32 | \$136.34 | \$36.14 | \$34.61 | \$67.73 | \$0.00 | \$113.29 |
| TOTAL EXPENSES | \$241.77 | \$509.64 | \$318.35 | \$339.66 | \$586.93 | \$0.00 | \$1,689.72 |
| NET FARM INCOME | (\$241.77) | \$319.36 | (\$124.09) | (\$243.66) | (\$175.01) | \$0.00 | \$1,070.28 |
| LABOR AND MANAGEMENT COSTS | \$50.12 | \$121.04 | \$46.12 | \$46.31 | \$83.25 | \$0.00 | \$155.42 |
| NET OPERATING PROFIT | (\$291.89) | \$198.32 | (\$170.21) | (\$289.97) | (\$258.26) | \$0.00 | \$914.86 |
| CAPITAL COSTS | | | | | | | |
| INTEREST ON OPERATING CAPITAL | | \$6.80 | \$5.23 | \$7.06 | \$6.88 | \$0.00 | \$25.23 |
| INTEREST ON EQUIPMENT INVESTMENT | | \$37.59 | \$25.60 | \$24.65 | \$49.85 | \$0.00 | \$289.86 |
| TOTAL CAPITAL COSTS | \$0.00 | \$44.39 | \$30.84 | \$31.71 | \$56.73 | \$0.00 | \$315.09 |
| RETURN TO LAND AND RISK | (\$291.89) | \$153.93 | (\$201.04) | (\$321.68) | (\$314.99) | \$0.00 | \$599.77 |

TABLE C15. Whole farm budget summary, Carlsbad Basin, Eddy County, 2002.

| | | |
|----------------------------------|-----------|-----------|
| GROSS RETURNS | | |
| ALFALFA HAY | 100 ACRES | |
| CROP | | \$81,900 |
| GRAZING | | \$1,000 |
| BARLEY | 4 ACRES | |
| CROP | | \$617 |
| ASCS DEFICIENCY | | \$39 |
| ASCS DIVERSION | | \$0 |
| GRAZING | | \$170 |
| UPLAND COTTON | 61 ACRES | |
| COTTON LINT | | \$16,378 |
| COTTON SEED | | \$3,791 |
| ASCS DEFICIENCY | | \$2,444 |
| ASCS DIVERSION | | \$1,944 |
| STRIPPER COTTON | 0 ACRES | |
| COTTON LINT | | \$0 |
| COTTON SEED | | \$0 |
| ASCS DEFICIENCY | | \$0 |
| ASCS DIVERSION | | \$0 |
| SUDAN | 10 ACRES | |
| GRAZING | | \$960 |
| RED CHILE | 5 ACRES | |
| CROP | | \$13,800 |
| GROSS RETURN | | \$123,043 |
| CASH OPERATING EXPENSES | | |
| SEED | | \$3,745 |
| FERTILIZER | | \$6,474 |
| CHEMICALS | | \$9,712 |
| CROP INSURANCE | | \$300 |
| OTHER PURCHASED INPUTS | | \$1,895 |
| CANAL WATER | | \$7,380 |
| FUEL, OIL & LUBRICANTS-EQUIPMENT | | \$4,097 |
| FUEL-IRRIGATION | | \$0 |
| REPAIRS | | \$2,236 |
| CUSTOM CHARGES | | \$25,776 |
| LAND TAXES | | \$338 |
| OTHER EXPENSES | | \$23,563 |
| TOTAL CASH EXPENSES | | \$85,516 |
| RETURN OVER CASH EXPENSES | | \$37,527 |
| FIXED EXPENSES | | \$13,050 |
| TOTAL EXPENSES | | \$98,566 |
| NET FARM INCOME | | \$24,477 |
| LABOR AND MANAGEMENT COSTS | | \$19,851 |
| NET OPERATING PROFIT | | \$4,626 |
| CAPITAL COSTS | | |
| INTEREST ON OPERATING CAPITAL | | \$1,317 |
| INTEREST ON EQUIPMENT INVESTMENT | | \$8,592 |
| TOTAL CAPITAL COSTS | | \$9,909 |
| RETURN TO LAND AND RISK | | (\$5,283) |

| LAND VALUE | RETURN TO RISK* | RETURN ON INVESTMENT** |
|---------------|-----------------|------------------------|
| \$750 /ACRE | (\$11,283) | 1.79% |
| \$1,500 /ACRE | (\$17,283) | 1.13% |
| \$2,250 /ACRE | (\$23,283) | 0.83% |
| \$3,000 /ACRE | (\$29,283) | 0.65% |

* RETURN TO LAND AND RISK MINUS (INTEREST RATE TIMES LAND VALUE TIMES ACREAGE)

** NET OPERATING PROFIT DIVIDED BY (MACHINERY AND EQUIPMENT VALUE PLUS LAND VALUE)