

Mohave County Field Crop Budget Summary

| County: Mohave | Alfalfa Hay Stand Establish | Alfalfa Hay Production | Sudan Hay Sheep | Upland Cotton | Wheat |
|--|--------------------------------|---------------------------|--------------------|------------------|-----------------|
| | Flood Furrow | Flood Furrow | Flood Furrow | Flood Furrow | Flood Furrow |
| Yield | | 7.5 | 5.0 | 1,219.0 | 5,900.0 |
| Price | | \$96.70 | \$115.00 | \$0.68 | \$0.06 |
| Other | | \$18.00 | | \$123.77 | |
| Gross Income | | \$743.25 | \$575.00 | \$952.69 | \$365.80 |
| Preharvest Operating Costs | | | | | |
| Labor Costs | | | | | |
| Machine Operation | \$18.14 | \$2.20 | \$20.55 | \$24.70 | \$14.26 |
| Irrigation | \$4.56 | \$19.35 | \$32.52 | \$22.25 | \$7.63 |
| Other Labor | | | | \$20.16 | |
| Total Labor Costs | \$22.70 | \$21.55 | \$53.07 | \$67.11 | \$21.89 |
| Chemical Costs (including custom application) | | | | | |
| Fertilizer | \$28.63 | \$76.22 | \$183.09 | \$74.22 | \$46.88 |
| Insecticide | | \$38.83 | | \$98.87 | |
| Herbicide | \$19.11 | \$47.38 | | \$25.62 | \$9.78 |
| Other Chemicals | | | | \$9.07 | |
| Total Chemical Costs | \$47.74 | \$162.43 | \$183.09 | \$207.78 | \$56.66 |
| Machinery Fuel and Repair Costs | | | | | |
| Diesel/Gasoline | \$10.56 | \$0.97 | \$12.11 | \$14.31 | \$8.45 |
| Repairs | \$12.98 | \$0.93 | \$15.61 | \$19.86 | \$11.60 |
| Total Machinery Costs | \$23.54 | \$1.90 | \$27.72 | \$34.17 | \$20.05 |
| Pump Fuel and Repair Costs | | | | | |
| Electricity | \$4.16 | \$17.67 | \$7.48 | \$12.47 | \$7.28 |
| Repairs | \$0.50 | \$2.13 | \$0.90 | \$1.50 | \$0.88 |
| Total Pump Costs | \$4.66 | \$19.80 | \$8.38 | \$13.97 | \$8.16 |
| Surface Water Costs w/o Assessm | \$4.66 | \$19.80 | \$8.38 | \$13.97 | \$8.16 |
| Other Costs | | | | | |
| Seed/Services | \$73.71 | \$11.81 | \$15.75 | \$12.07 | \$17.64 |
| Total Other Costs | \$73.71 | \$11.81 | \$15.75 | \$12.07 | \$17.64 |
| Total Preharvest Co | \$172.35 | \$217.49 | \$288.01 | \$335.10 | \$124.40 |
| Harvest Operating Costs | | | | | |
| Labor | | \$32.27 | \$21.74 | \$14.63 | |
| Chemicals | | | | \$19.20 | |
| Machinery | | \$118.04 | \$66.29 | \$48.67 | |
| Custom | | | | \$9.72 | \$66.30 |
| Other | | \$23.66 | \$13.52 | \$117.67 | |
| Total Harvest Costs | | \$173.97 | \$101.55 | \$209.89 | \$66.30 |
| Pickup Use | \$7.56 | \$15.12 | \$7.56 | \$15.12 | \$7.56 |
| Operating Interest | \$3.60 | \$49.66 | \$40.79 | \$24.14 | \$5.49 |
| Total Operating Cost | \$183.51 | \$456.24 | \$437.91 | \$584.25 | \$203.75 |
| Net Cash Returns | (\$183.51) | \$287.01 | \$137.09 | \$368.44 | \$162.05 |
| Ownership Costs | | | | | |
| Cash Overhead | \$17.81 | \$48.96 | \$44.12 | \$56.08 | \$19.26 |
| Capital Allocations | \$28.80 | \$188.35 | \$79.18 | \$98.93 | \$23.87 |
| Land Rent | \$38.97 | \$38.97 | \$38.97 | \$38.97 | \$38.97 |
| Management | \$14.68 | \$36.50 | \$33.89 | \$46.74 | \$16.30 |
| Total Ownership Cost | \$100.26 | \$312.78 | \$196.16 | \$240.72 | \$98.40 |
| TOTAL COST | \$283.77 | \$769.02 | \$634.07 | \$824.97 | \$302.15 |
| Return To Risk | (\$283.77) | (\$25.77) | (\$59.07) | \$127.72 | \$63.65 |
| Resource Use | | | | | |
| Water (Acre-Inches) | 20.00 | 85.00 | 36.00 | 60.00 | 35.00 |
| Labor Man-hours | 2.79 | 7.43 | 7.86 | 11.03 | 2.76 |
| Diesel (Gallons) | 12.60 | 21.80 | 27.80 | 25.00 | 10.10 |
| Gasoline (Gallons) | 3.00 | 6.00 | 3.00 | 6.00 | 3.00 |
| Electricity | 72.90 | 310.00 | 131.30 | 218.80 | 127.60 |
| Natural Gas | | | | | |
| Nitrogen (Pounds) | 21.10 | 223.80 | 582.80 | 166.20 | 181.00 |
| Phosphorous (Pounds) | 99.80 | 38.80 | 78.00 | 98.50 | 41.60 |
| Potassium (pounds) | | | | | |