

Graham County Field Crop Budget Summary

County: Graham	Alfalfa Hay Stand Establish	Alfalfa Hay Production	Barley	Corn	Grain Sorghum	Pima Cotton	Upland Cotton	Wheat
	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow
Yield		6.3	5,500.0	8,000.0	3,200.0	773.0	935.0	6,000.0
Price		\$96.70	\$0.06	\$0.06	\$0.11	\$1.03	\$0.68	\$0.06
Other						\$90.85	\$110.89	
Gross Income		\$609.21	\$346.50	\$488.00	\$352.00	\$887.04	\$746.69	\$372.00
Preharvest Operating Costs								
Labor Costs								
Machine Operation	\$26.90	\$1.64	\$8.45	\$17.99	\$30.13	\$50.79	\$49.43	\$8.45
Irrigation	\$9.50	\$44.32	\$25.76	\$22.25	\$22.12	\$30.00	\$30.00	\$25.76
Other Labor	\$0.34		\$2.50			\$34.59	\$34.59	\$2.50
Total Labor Costs	\$36.74	\$45.96	\$36.71	\$40.24	\$52.25	\$115.38	\$114.02	\$36.71
Chemical Costs (including custom application)								
Fertilizer	\$29.96		\$58.49	\$120.80	\$25.08	\$58.68	\$20.90	\$58.49
Insecticide		\$7.76		\$43.67	\$10.04	\$47.15	\$47.15	
Herbicide				\$20.41	\$8.16	\$16.66	\$16.66	
Other Chemicals								
Total Chemical Costs	\$29.96	\$7.76	\$58.49	\$184.88	\$43.28	\$122.49	\$84.71	\$58.49
Machinery Fuel and Repair Costs								
Diesel/Gasoline	\$14.55	\$0.68	\$5.49	\$9.96	\$13.05	\$23.17	\$22.68	\$5.45
Repairs	\$24.55	\$0.82	\$9.91	\$16.42	\$19.55	\$34.25	\$35.67	\$9.81
Total Machinery Costs	\$39.10	\$1.50	\$15.40	\$26.38	\$32.60	\$57.42	\$58.35	\$15.26
Pump Fuel and Repair Costs								
Electricity	\$4.63	\$21.59	\$12.34	\$41.13	\$11.31	\$15.42	\$13.88	\$12.34
Repairs	\$0.38	\$1.77	\$1.01	\$3.36	\$0.92	\$1.26	\$1.13	\$1.01
Total Pump Costs	\$5.01	\$23.36	\$13.35	\$44.49	\$12.23	\$16.68	\$15.01	\$13.35
Surface Water Costs w/o Assessment								
Total Water Costs	\$5.01	\$23.36	\$13.35	\$44.49	\$12.23	\$16.68	\$15.01	\$13.35
Other Costs								
Seed/Services	\$65.94		\$44.31	\$31.73	\$10.02	\$24.91	\$27.27	\$25.85
Total Other Costs	\$65.94		\$44.31	\$31.73	\$10.02	\$24.91	\$27.27	\$25.85
Total Preharvest Costs	\$176.75	\$78.58	\$168.26	\$327.72	\$150.38	\$336.88	\$299.36	\$149.66
Harvest Operating Costs								
Labor		\$32.63	\$0.41	\$4.30	\$2.73	\$18.74	\$18.74	\$0.41
Chemicals						\$8.49	\$8.49	
Machinery		\$121.67	\$0.67	\$4.31	\$5.17	\$68.53	\$68.53	\$0.67
Custom			\$69.90	\$105.50	\$59.10	\$5.95	\$7.20	\$73.50
Other		\$22.46				\$74.39	\$87.80	
Total Harvest Costs		\$176.76	\$70.98	\$114.11	\$67.00	\$176.10	\$190.76	\$74.58
Pickup Use	\$7.57	\$10.09	\$7.57	\$12.62	\$10.09	\$15.14	\$15.14	\$7.57
Operating Interest	\$4.28	\$20.37	\$6.47	\$9.80	\$8.45	\$26.82	\$15.92	\$5.74
Total Operating Cost	\$188.60	\$285.80	\$253.28	\$464.25	\$235.92	\$554.94	\$521.18	\$237.55
Net Cash Returns	(\$188.60)	\$323.41	\$93.22	\$23.75	\$116.08	\$332.10	\$225.51	\$134.45
Ownership Costs								
Cash Overhead	\$20.97	\$41.70	\$26.97	\$56.11	\$27.37	\$62.60	\$59.40	\$25.71
Capital Allocations	\$35.79	\$195.40	\$28.82	\$67.10	\$44.08	\$134.80	\$135.77	\$28.76
Land Rent	\$34.96	\$69.93	\$69.93	\$69.93	\$34.96	\$69.93	\$69.93	\$34.96
Management	\$15.09	\$22.86	\$20.26	\$37.09	\$18.87	\$44.40	\$41.70	\$19.00
Total Ownership Cost	\$106.81	\$329.89	\$145.98	\$230.23	\$125.28	\$311.73	\$306.80	\$108.43
TOTAL COST	\$295.41	\$615.69	\$399.26	\$694.48	\$361.20	\$866.67	\$827.98	\$345.98
Return To Risk	(\$295.41)	(\$6.48)	(\$52.76)	(\$206.48)	(\$9.20)	\$20.37	(\$81.29)	\$26.02
Resource Use								
Water (Acre-Inches)	18.00	84.00	44.00	48.00	44.00	60.00	54.00	44.00
Labor Man-hours	4.73	11.10	5.22	5.98	7.25	18.48	18.31	5.22
Diesel (Gallons)	19.10	18.80	7.50	14.60	19.10	42.50	41.90	7.50
Gasoline (Gallons)	3.00	4.00	3.00	5.00	4.00	6.00	6.00	3.00
Electricity	59.70	278.80	159.30	531.00	146.00	199.10	179.20	159.30
Nitrogen (Pounds)	22.00		148.00	340.50	123.00	100.00	102.50	148.00
Phosphorous (Pounds)	104.00		60.00	104.00				60.00