

Pima County Field Crop Budget Summary

County: Pima	Alfalfa Hay Stand Establish	Alfalfa Hay Production	Barley	Durum Whea	Grain Sorghum	Pima Cotton	Solum Barley	Upland Cotton
	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow	Flood Furrow
Yield		8.2	4,800.0	5,000.0	3,200.0	529.0	3,000.0	1,009.0
Price		\$96.70	\$0.06	\$0.08	\$0.11	\$1.03	\$0.06	\$0.68
Other						\$62.79		\$117.57
Gross Income		\$792.94	\$302.40	\$375.00	\$352.00	\$607.66	\$189.00	\$803.69
Preharvest Operating Costs								
Labor Costs								
Machine Operation	\$17.12		\$12.27	\$13.61	\$13.69	\$31.94	\$9.18	\$40.44
Irrigation	\$6.82	\$24.57	\$12.28	\$12.28	\$12.12	\$24.57	\$10.26	\$15.35
Other Labor						\$6.49		\$6.49
Total Labor Costs	\$23.94	\$24.57	\$24.55	\$25.89	\$25.81	\$63.00	\$19.44	\$62.28
Chemical Costs (including custom application)								
Fertilizer	\$34.65		\$55.41	\$55.41	\$30.14	\$34.66	\$14.71	\$33.90
Insecticide		\$7.71				\$86.47		\$55.58
Herbicide					\$13.37	\$31.65		\$31.65
Other Chemicals						\$18.37		\$18.37
Total Chemical Costs	\$34.65	\$7.71	\$55.41	\$55.41	\$43.51	\$171.15	\$14.71	\$139.50
Machinery Fuel and Repair Costs								
Diesel/Gasoline	\$8.79		\$6.12	\$6.57	\$6.02	\$15.56	\$4.07	\$17.56
Repairs	\$16.53		\$12.30	\$13.27	\$12.74	\$31.22	\$8.20	\$35.06
Total Machinery Costs	\$25.32		\$18.42	\$19.84	\$18.76	\$46.78	\$12.27	\$52.62
Pump Fuel and Repair Costs								
Surface Water Costs w/o Assessment	\$50.00	\$180.00	\$90.00	\$90.00	\$75.00	\$120.00	\$40.00	\$105.00
Total Water Costs	\$50.00	\$180.00	\$90.00	\$90.00	\$75.00	\$120.00	\$40.00	\$105.00
Other Costs								
Seed/Services	\$65.63		\$25.20	\$26.46	\$11.97	\$14.06	\$7.98	\$15.06
Total Other Costs	\$65.63		\$25.20	\$26.46	\$11.97	\$14.06	\$7.98	\$15.06
Total Preharvest Costs	\$199.54	\$212.28	\$213.58	\$217.60	\$175.05	\$414.99	\$94.40	\$374.46
Harvest Operating Costs								
Labor		\$30.71	\$0.11	\$0.11	\$1.74	\$7.33	\$0.20	\$9.80
Chemicals						\$33.18		\$21.38
Machinery		\$90.19	\$0.19	\$0.19	\$2.84	\$36.67	\$0.22	\$54.20
Custom			\$67.50	\$72.45	\$64.70	\$68.33	\$38.10	\$98.96
Other		\$23.66						
Total Harvest Costs		\$144.56	\$67.80	\$72.75	\$69.28	\$145.51	\$38.52	\$184.34
Pickup Use	\$4.94	\$9.88	\$4.94	\$7.73	\$7.41	\$14.82	\$7.41	\$14.82
Operating Interest	\$2.41	\$18.03	\$8.44	\$10.50	\$6.28	\$19.85	\$1.86	\$17.93
Total Operating Cost	\$206.89	\$384.75	\$294.76	\$308.58	\$258.02	\$595.17	\$142.19	\$591.55
Net Cash Returns	(\$206.89)	\$408.19	\$7.64	\$66.42	\$93.98	\$12.49	\$46.81	\$212.14
Ownership Costs								
Cash Overhead	\$19.41	\$40.16	\$25.60	\$26.60	\$23.01	\$55.87	\$12.86	\$57.66
Capital Allocations	\$21.67	\$172.08	\$17.68	\$18.55	\$20.23	\$81.21	\$12.88	\$104.84
Land Rent	\$44.14	\$88.27	\$44.14	\$88.27	\$88.27	\$88.27	\$88.27	\$88.27
Management	\$16.55	\$30.78	\$23.58	\$24.33	\$20.64	\$47.61	\$11.38	\$47.33
Total Ownership Cost	\$101.77	\$331.29	\$111.00	\$157.75	\$152.15	\$272.96	\$125.39	\$298.10
TOTAL COST	\$308.66	\$716.04	\$405.76	\$466.33	\$410.17	\$868.13	\$267.58	\$889.65
Return To Risk	(\$308.66)	\$76.90	(\$103.36)	(\$91.33)	(\$58.17)	(\$260.47)	(\$78.58)	(\$85.96)
Resource Use								
Water (Acre-Inches)	20.00	72.00	36.00	36.00	30.00	48.00	16.00	42.00
Labor Man-hours	3.10	7.67	3.31	3.47	3.66	9.48	2.65	9.51
Diesel (Gallons)	13.00	14.30	9.10	9.80	10.40	29.00	6.10	34.30
Gasoline (Gallons)	2.00	4.00	2.00	2.00	3.00	6.00	3.00	6.00
Natural Gas								
Nitrogen (Pounds)	22.00		138.20	138.20	106.20	122.10	50.10	119.40
Phosphorous (Pounds)	96.00		40.00	40.00				