

Table 1. Five Year Average Yields and Prices, Arizona Field Crops

Year	Cochise County	Graham County	Greenlee County	Pima County	Pinal County	Maricopa County	Mohave County	La Paz County	Yuma County	State Average Price (\$)
Upland Cotton Yields (lbs lint)										
1993	545	1,050	900	1,098	1,110	1,291	1,246	1,409	1,332	\$0.58
1994	710	914	891	1,101	1,188	1,233	1,456	1,282	1,403	\$0.71
1995	558	781	600	1,065	1,023	1,076	1,110	1,100	1,262	\$0.73
1996	973	914	1,152	1,071	1,194	1,247	1,084	1,074	1,284	\$0.70
1997	935	1,018	672	1,162	1,256	1,287	1,200	1,219	1,465	\$0.67
Average	744	935	843	1,099	1,154	1,227	1,219	1,217	1,349	\$0.678
Pima Cotton Yield (lbs lint)										
1993	206	768		591	709	837		1,020	1,063	\$0.92
1994		790		563	796	842		904	1,280	\$1.03
1995		647		480	750	797		657	1,147	\$1.19
1996		837		480	826	805		946	1,234	\$1.06
1997		825			877	920			1,111	\$0.99
Average	206	773		529	792	840		882	1,167	\$1.038
Durum Wheat Yield (1,000 lbs)										
1993					5.4	5.5		4.8	5.3	\$128.30
1994				5.7	5.0	5.6		6.0	6.0	\$144.70
1995		4.2		3.8	4.4	5.6		5.2	6.3	\$157.00
1996				5.4	4.8	5.6		4.9	6.0	\$166.70
1997					4.8	5.5		5.5	5.8	\$156.70
Average		4.2		5.0	4.9	5.6		5.3	5.9	\$150.68
Other Wheat Yield (1,000 lbs)										
1993					5.3	5.8		5.6	5.9	\$107.70
1994					4.8	5.5		5.4	5.9	\$114.70
1995				5.3	5.5	3.8		6.6	7.0	\$125.70
1996				5.4	5.4	5.3		6.3	6.0	\$138.30
1997					4.9	5.0		5.5	5.3	\$135.00
Average				5.4	5.2	5.1		5.9	6.0	\$124.28
Alfalfa Hay Yield (Tons)										
1993	5.8	6.0		9.3	7.6	7.3	6.7	7.5	8.1	\$93.50
1994	6.0				7.5	7.5	7.0	7.5	8.6	\$103.00
1995	5.6	6.7	9.5	8.9	6.4	8.5	7.8	7.4	9.0	\$79.00
1996	6.2	6.3		6.5	7.8	8.4	8.0	8.4	8.1	\$95.00
1997					8.3	8.5	8.2	8.5	8.2	\$113.00
Average	5.9	6.3	9.5	8.2	7.5	8.0	7.5	7.9	8.4	\$96.70
Barley Yield (1,000 lbs)										
1993	3.3	4.9			5.0	4.9			4.9	\$108.30
1994	5.1				4.4	4.4			5.6	\$118.80
1995	4.9				4.8	4.1			4.1	\$122.90
1996	5.0	5.8		4.7	5.2	4.8			5.3	\$150.00
1997	5.2	5.7	5.5	4.8	5.0	4.7			5.0	\$125.00
Average	4.7	5.5	5.5	4.8	4.9	4.6			5.0	\$125.00
Corn Yield (1,000 lbs)										
1993	9.3	9.5			6.5	7.0				\$110.10
1994	9.7	9.5							8.8	\$116.10
1995	10.8	8.9				7.3			9.9	\$132.10
1996	10.6	8.7	7.8		10.0	9.2		8.4	9.2	\$130.40
1997	10.0	10.1	7.7	6.9	8.7	9.1			9.2	\$117.90
Average	10.1	9.3	7.8	6.9	8.4	8.2		8.4	9.3	\$121.32

Table 2. State Average Yields and Prices, Selected Crops

Year	Dry Beans		Safflower		Cottonseed		Grain Sorghum		Corn for Silage	
	Yield (Cwt/Acre)	Price (\$/cwt)	Yield (Tons/Acre)	Price (\$/Ton)	Production (Tons)	Price (\$/ton)	Yield (Tons/Acre)	Price (\$/Ton)	Yield (Tons/Acre)	Price (\$/Ton)
1993	22.0	\$30.00	1.3	\$163.49	338	\$119.00	1.5	\$210.00	27.0	\$35.00
1994	17.0	\$18.61	0.9	\$750.55	324	\$129.00	1.3	\$234.00	28.0	\$25.00
1995	17.0	\$18.26	1.3	\$262.80	334	\$131.00	2.0	\$240.00	26.0	\$32.00
1996	17.1	\$18.51	1.4	\$312.93	324	\$155.00	2.1	\$189.00	27.0	\$30.00
1997	14.8	\$20.00	1.2	\$462.50	312	\$134.00	1.3	\$198.18	25.0	\$35.00
Average	17.6	\$21.08	1.2	\$390.45	326.4	\$133.60	1.6	\$214.24	26.6	\$31.40

Table 3. Representative Farm Description

1999-2000 Arizona Field Crop Pinal County Farm	
General Characteristics	
Farm Size	1,000 Acres
Land Rent	\$100 / Acre
Property Tax Rate (Average)	\$16.9889 / \$100 Assessment
Assessment Rate	16% of Appraised Value
Full Cash Assessment Value	\$447 / Acre
Land Equity	100%
Sales Tax	6% of Material Purchases
General Overhead	3% of Operating Costs
Office Overhead	2% of Operating Costs
Maintenance Overhead	3% of Operating Costs
Management Overhead	8% of Operating Costs
Energy and Equipment	
Equipment Equity	
Machine Hours	90%
Unleaded Gasoline	\$1.150 / Gallon
Diesel Fuel	\$0.740 / Gallon
L P Gas	\$0.810 / Gallon
Natural Gas	\$0.37065 / cu.ft.
Electricity	\$0.03050 / kwh
Lubrication Factor	15% of Fuel Costs
Interest Rates	
Operating Credit	10%
Long Term	6%
Average Investment	10%
Labor Benefits	
FICA	7.65% of Cash Wages
Worker Compensation	7.73% of Cash Wages
FUTA	1.56% of Cash Wages
Fringe Benefits	13% of Cash Wages