Table 1. Five Year Average Yields and Prices, Southern Arizona Vegetables

Fall Cantaloupe /1

Pima Fall Lettuce

Cochise Spring Lettuce 2/

\$136.00

\$141.60

Dry Onions 3/

\$4.20

\$5.46

	Harvested	Yield/Acre	Harvested	Yield/Acre	Harvested	Yield/Acre	Harvested	Yield/Acre	
	Acres	(Cartons)	Acres	(Cartons)	Acres	(Cartons)	Acres	CWT	
Southern Arizona Acreage and Yields									
1996	250	443	6,000	204	500	244	250	316	
1997	600	349	3,400	225	800	207	800	361	
1998	600	443	2,000	288	1,500	222	1,500	417	
1999	600	813	2,000	299	400	340	350	494	
2000			3,600	285	500	300	500	430	
Average	363	401	3,400	269	740	263	680	404	
Arizona Prices (Dollars per Carton)									
	Pima Fall Lettuce		Fall Cantaloupe /1		Cochise Spring Lettuce 2/		Dry Onions 3/		
	Price per	47		Price per 75		Price per 47		Price per 100	
4000	pound carton		pound carton		pound carton		pounds		
1996	\$6.11		\$15.60		\$6.11		\$8.60		
1997	\$5.41		\$14.40		\$5.41		\$12.60		
1998	\$11.70		\$10.43		\$11.70		\$15.30		
1999	•	\$4.79		\$10.35		\$4.79		\$5.53	
2000	\$6.	.39	\$14	1.70	\$6.39		\$4.64		
Average	\$6.88		\$13.10		\$6.88		\$9.33		
Tiverage	Ψ0.	.00	Ψις	7. 10	Ψ0.	.00	ψυ	.55	
Average							· ·		
Average		otatoes Yield/Acre		Chilies 4/ Yield/Acre	Water Harvested	melons Yield/Acre	Sweet Harvested	Corn 4/ Yield/Acre	
Average	Pinal P	otatoes	Arizona	Chilies 4/	Water	melons	Sweet	Corn 4/	
Southern	Pinal P Harvested Acres Arizona Ac	otatoes Yield/Acre (cwt) reage and	Arizona Harvested Acres fields	Chilies 4/ Yield/Acre (Tons)	Water Harvested Acres	melons Yield/Acre (Tons)	Sweet Harvested Acres	Corn 4/ Yield/Acre (Cartons)	
Southern 1996	Pinal P Harvested Acres Arizona Ac 3,700	violatoes Yield/Acre (cwt) reage and \ 285	Arizona Harvested Acres /ields 2,500	Chilies 4/ Yield/Acre (Tons)	Water Harvested Acres 2,300	melons Yield/Acre (Tons)	Sweet Harvested Acres 1,400	Corn 4/ Yield/Acre (Cartons)	
Southern	Pinal P Harvested Acres Arizona Ac	otatoes Yield/Acre (cwt) reage and	Arizona Harvested Acres fields	Chilies 4/ Yield/Acre (Tons)	Water Harvested Acres	melons Yield/Acre (Tons)	Sweet Harvested Acres	Corn 4/ Yield/Acre (Cartons)	
Southern 1996	Pinal P Harvested Acres Arizona Ac 3,700	violatoes Yield/Acre (cwt) reage and \ 285	Arizona Harvested Acres /ields 2,500	Chilies 4/ Yield/Acre (Tons)	Water Harvested Acres 2,300	melons Yield/Acre (Tons)	Sweet Harvested Acres 1,400	Corn 4/ Yield/Acre (Cartons)	
Southern 1996 1997	Pinal P Harvested Acres Arizona Ac 3,700 1,600	Yield/Acre (cwt) reage and Y 285 274	Arizona Harvested Acres /ields 2,500 3,800	Chilies 4/ Yield/Acre (Tons) 3.8 3.9	Water Harvested Acres 2,300 2,000	melons Yield/Acre (Tons) 16.40 16.85	Sweet Harvested Acres 1,400 1,800	Corn 4/ Yield/Acre (Cartons)	
Southern 1996 1997 1998	Pinal P Harvested Acres Arizona Ac 3,700 1,600 3,300	reage and \ 285 274 277	Arizona Harvested Acres /ields 2,500 3,800 5,500	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6	Water Harvested Acres 2,300 2,000 1,900	melons Yield/Acre (Tons) 16.40 16.85 15.75	Sweet Harvested Acres 1,400 1,800 1,640	Corn 4/ Yield/Acre (Cartons) 108 140 204	
Southern 1996 1997 1998 1999	Pinal P Harvested Acres Arizona Ac 3,700 1,600 3,300 2,100	reage and \ 285 274 277 297	Arizona Harvested Acres /ields 2,500 3,800 5,500 6,100	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6 2.9	Water Harvested Acres 2,300 2,000 1,900 1,800	melons Yield/Acre (Tons) 16.40 16.85 15.75 17.15	Sweet Harvested Acres 1,400 1,800 1,640 2,000	Corn 4/ Yield/Acre (Cartons) 108 140 204 142	
Southern 1996 1997 1998 1999 2000 Average	Pinal P Harvested Acres Arizona Acres 3,700 1,600 3,300 2,100 2,500 2,640 rices (Dollar	reage and \ 285 274 277 297 285 284 ars per Cart	Arizona Harvested Acres /ields 2,500 3,800 5,500 6,100 3,300 4,240	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6 2.9 3.8 3.4	2,300 2,000 1,900 1,800 900 1,780	melons Yield/Acre (Tons) 16.40 16.85 15.75 17.15 18.00 16.83	Sweet Harvested Acres 1,400 1,800 1,640 2,000 2,400 1,848	Corn 4/ Yield/Acre (Cartons) 108 140 204 142 148 148	
Southern 1996 1997 1998 1999 2000 Average	Pinal P Harvested Acres Arizona Acres 3,700 1,600 3,300 2,100 2,500 2,640 rices (Dolla	reage and Y 285 274 277 297 285 284 ars per Carrentoes	Arizona Harvested Acres /ields 2,500 3,800 5,500 6,100 3,300 4,240	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6 2.9 3.8 3.4 Chilies 4/	2,300 2,000 1,900 1,800 900 1,780	melons Yield/Acre (Tons) 16.40 16.85 15.75 17.15 18.00 16.83	Sweet Harvested Acres 1,400 1,800 1,640 2,000 2,400 1,848 Sweet	Corn 4/ Yield/Acre (Cartons) 108 140 204 142 148 148	
Southern 1996 1997 1998 1999 2000 Average	Pinal P Harvested Acres Arizona Ac 3,700 1,600 3,300 2,100 2,500 2,640 rices (Dolla Price per	reage and N 285 274 277 297 285 284 ars per Cartetoes 100	Arizona Harvested Acres /ields 2,500 3,800 5,500 6,100 3,300 4,240 Arizona Price per	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6 2.9 3.8 3.4 Chilies 4/ 2000	2,300 2,000 1,900 1,800 900 1,780 Water	melons Yield/Acre (Tons) 16.40 16.85 15.75 17.15 18.00 16.83	Sweet Harvested Acres 1,400 1,800 1,640 2,000 2,400 1,848 Sweet Price per	Corn 4/ Yield/Acre (Cartons) 108 140 204 142 148 148 148	
Southern 1996 1997 1998 1999 2000 Average Arizona P	Pinal P Harvested Acres Arizona Ac 3,700 1,600 3,300 2,100 2,500 2,640 rices (Dolla Price per pound	reage and N 285 274 277 297 285 284 ars per Cartetoes 100 d sack	Arizona Harvested Acres /ields 2,500 3,800 5,500 6,100 3,300 4,240 ton) Arizona Price per pour	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6 2.9 3.8 3.4 Chilies 4/ 2000 unds	2,300 2,000 1,900 1,800 900 1,780 Water Price per pound of	melons Yield/Acre (Tons) 16.40 16.85 15.75 17.15 18.00 16.83 melons 2000 container	Sweet Harvested Acres 1,400 1,800 1,640 2,000 2,400 1,848 Sweet Price per pound	Corn 4/ Yield/Acre (Cartons) 108 140 204 142 148 148 148	
Southern 1996 1997 1998 1999 2000 Average Arizona P	Pinal P Harvested Acres Arizona Ac 3,700 1,600 3,300 2,100 2,500 2,640 rices (Dolla Pota Price per pound \$10	reage and Y 285 274 277 297 285 284 ars per Cartatoes 100 d sack 0.20	Arizona Harvested Acres /ields 2,500 3,800 5,500 6,100 3,300 4,240 Arizona Price per pot \$73	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6 2.9 3.8 3.4 Chilies 4/ 2000 unds 7.89	Water Harvested Acres	melons Yield/Acre (Tons) 16.40 16.85 15.75 17.15 18.00 16.83 melons 2000 container 4.00	Sweet Harvested Acres 1,400 1,800 1,640 2,000 2,400 1,848 Sweet Price per pounce \$4	Corn 4/ Yield/Acre (Cartons) 108 140 204 142 148 148 148 Corn 4/ 50 I carton .67	
Southern 1996 1997 1998 1999 2000 Average Arizona P	Pinal P Harvested Acres Arizona Acres 3,700 1,600 3,300 2,100 2,500 2,640 rices (Dolla Price per pound \$10 \$8.	reage and Y 285 274 277 297 285 284 ars per Cart atoes 100 d sack 1.20 75	Arizona Harvested Acres /ields 2,500 3,800 5,500 6,100 3,300 4,240 ton) Arizona Price per pot \$73 \$85	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6 2.9 3.8 3.4 Chilies 4/ 2000 unds 7.89 2.20	Water Harvested Acres 2,300 2,000 1,900 1,800 900 1,780 Water Price per pound c \$144 \$156	melons Yield/Acre (Tons) 16.40 16.85 15.75 17.15 18.00 16.83 melons 2000 container 4.00 6.00	Sweet Harvested Acres 1,400 1,800 1,640 2,000 2,400 1,848 Sweet Price per pounce \$4 \$4	Corn 4/ Yield/Acre (Cartons) 108 140 204 142 148 148 148 Corn 4/ 50 I carton .67 .40	
Southern 1996 1997 1998 1999 2000 Average Arizona P	Pinal P Harvested Acres Arizona Ac 3,700 1,600 3,300 2,100 2,500 2,640 rices (Dolla Pota Price per pound \$10	reage and Y 285 274 277 297 285 284 ars per Cart atoes 100 d sack 0.20 75	Arizona Harvested Acres /ields 2,500 3,800 5,500 6,100 3,300 4,240 ton) Arizona Price per pot \$73 \$85 \$63	Chilies 4/ Yield/Acre (Tons) 3.8 3.9 2.6 2.9 3.8 3.4 Chilies 4/ 2000 unds 7.89	Water Harvested Acres 2,300 2,000 1,900 1,800 900 1,780 Water Price per pound c \$144 \$156	melons Yield/Acre (Tons) 16.40 16.85 15.75 17.15 18.00 16.83 melons 2000 container 4.00 6.00 0.00	Sweet Harvested Acres 1,400 1,800 1,640 2,000 2,400 1,848 Sweet Price per pounce \$4 \$4 \$4 \$3	Corn 4/ Yield/Acre (Cartons) 108 140 204 142 148 148 148 Corn 4/ 50 I carton .67	

\$10.60

\$9.98

2000

Average

\$543.49

\$683.00

¹ Maricopa County Numbers
2 Year 2000 state average number
3 All counties except La Paz and Maricopa

⁴ State Averages

Table 2. Representative Farm Description for Budget Estimation

	Vec			
	Cochise Pinal		Pima	
	County	County	County	
General Characteristics				
F 0:				
Farm Size	500	1,000		Acres
Land Rent	\$50	\$100	· ·	/ Acre
Property Tax Rate (Average)	\$14.4971	\$16.9889	•	/ \$100 Assessment
Assessment Rate	16%	16%	16%	of Appraised Value
Appraised Land Value	\$368	\$447	\$540	/ Acre
Land Cash Value	\$1,200	\$2,000	\$2,000	/ Acre
Land Equity	100%	100%	100%	
Sales Tax	5.5%	6%	5%	of Material Purchases
General Overhead	3%	3%	3%	of Operating Costs
Office Overhead	2%	2%	2%	of Operating Costs
Maintenance Overhead	3%	3%	3%	of Operating Costs
Management Overhead	6%	8%	8%	of Operating Costs
Energy and Equipment				
Equipment Equity				
Machine Hours	90%	90%	90%	
Unleaded Gasoline	\$1.150	\$1.150		/ Gallon
Diesel Fuel	\$0.763	\$0.740	•	/ Gallon
L P Gas	\$0.900	\$0.810	*	/ Gallon
Natural Gas	\$0.41286	\$0.37065	\$0.37065	
Electricity	\$0.07827	\$0.03050	\$0.05321	
Lubrication Factor	15%	15%	•	of Fuel Costs
Labrication radio	1070	1070	1070	or ruer costs
Interest Rates				
Operating Credit	10%	10%	10%	
Long Term	6%	6%	6%	
Average Investment	10%	10%	10%	
Labor Benefits				
FICA	7.65%	7.65%	7 650/	of Cash Wagos
				of Cash Wages
Worker Compensation FUTA	7.73%	7.73%		of Cash Wages
Fringe Benefits	1.56% 13%	1.56% 13%		of Cash Wages of Cash Wages
l migo bononto	1370	10/0	13 /0	or Jasir Wayes