MICROCOMPUTER CROP COST AND RETURN GENERATOR

BUDGET AREA DONA ANA COUNTY Projected 2018

FARM SIZE 500.00 Acres

IRRIGATION TYPE FLOOD

NUMBER OF CROPS 12

VERSION 1.0

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TABLE ALBOVAE AN EIRANGEMESILIA VALLEY 200% LANTING DATES: MARCH 15 -OCTOBER 30 PRIC YIEL TOTA GROSS RETURNS 85.0 0 12.00 TONS 1,020. TOMATOES 00 1.020 00 PURCHASE PURCHASED INPUTS D INPUT TOTA QUANTITY 7.0 2.00 LBS 14.0 14.0 SEKNHYDROUS AMMONIA #REF0 200.00 LBS #REP #REF (NHB)TROGEN 0.3 30.00 LBS 9.3 9.3 (N)PHOSPHATE 0.2 18.8 16.8 70.00 LBS (P205) 15.3 1.00 X/EACH 053 053 HERBICIDE 69.2 69.2 69.2 1.00 X/EACH INSECT#CIDE 0 0 ٥ WATERAI 83.0 83.0 30.00 AC IN SUBTOTA #REF #REF POWE ACCOMPLISHME PURCHASE PREHARVEST OPERATIONS R UNI INPLIT L&O REPAIR 0.05 TOTA RATE 0.14 HR 1.0 3.9 2.3 8.5 DISC HPs 25 0.20 HR 5 5 15 14 19 1 CHISEL 2.8 19.6 0.38 HR 4.5 **2**5.5 PLOW HE6 HP **5**.0 33.9 2 0.14 HR 5.3 2.3 38.5 DISCASER PLANE 79.3 73.3 (CUSTOM) 80 HB6 0.05 HR 0.3 0.2 0.4 32.0 FEBISIDAE 8.2 0.17 HR 4.7 2.7 7.4 10.2 H26 HP SPRAY 0.18 HR 8.3 **5**.0 **8**.3 8.2 91.0 LISTER 0.75 HR 5.6 8.0 8.0 7.0 37.6 3.5 4.7 IRRIGATING 9.7 0.21 HR 1.8 8.5 CUŁEG PLANT-0.26 HR 8.9 8.8 5.3 12.6 SHADERING CULT 5.7 0.63 HR 8.6 2.2 2.5 64.1 94.8 (3X):ULT & 0.33 HR **4**.3 3.8 SIDEDRESS: 37.0 8 5 4 **5**7.0 (CHOTOMBUCK 40 0.35 HR 2.6 0.3 2.4 08.5 3.1 (7X)RRIGATE 43.2 9.0 23.3 69.7 (11X) SUBTOTA 9.29 HR 110.3 69.6 56.6 19.1 60.0 315.8 HARVEST OPERATIONS HARVEST 105.0 105.0 (CUATONTRAILER) 7.50 HR 56.2 67.3 43.7 975.6 40 HP 8.3 (3X) SUBTOTA 7.50 HR 105.0 56.2 67.3 43.7 280.6 8.3 POSTHARVEST 0.29 HR 0.3 0.0 5.1 5 SHREDDER OVERHEAD EXPENSES 2.71 HR 20.3 20.3 DOM/NATION EE **2**3.0 **2**3.0 BENEFITS 2.5 62.5 INSURPOCE 9.7 8.7 TASEPERVISION AND MANAGEMENT 100.3 6 100.3 684.7 84.7 EXPENSES SUBTOTA 271 HR 87.3 143.7 8.7 239.8 TOTAL OPERATING EXPENSES #VALU E! #VALU E! 19.79 HR #REF 271.8 112.5 #REF NET OPERATING #REF **PROFIT** INTEREST ON OPERATING #REF 0.06) #REF CARITEREST ON EQUIPMENT INVESTMENT @ 0.0 0 RETURN TO LAND AND #REF RISK *Pump water costs are shown under irrigation in the preharvest BUDGET SUMMARY GROSS 1,020 REARING OPERATING #REF 00 REPUNICOVER VARIABLE #REF (GROSS EXPRENSES MARGIN) 112.5 ELKPENASEAS #REF (RETURN TO CAPITAL, LABOR, LAND & INGOME AND MANAGEMENT 271.8 (RETURN TO CAPITAL, LAND & RISK) **№**6DPERATING 2 #REF PRAFITAL #REF RPRIEN TO LAND AND /riacresum~/RIA~/riover~{ESC}{GOTO}{HOME}~{CALC}/XQ /RIB~{ESC}{GOTO}{HOME}~{CALC}/XQ $/RIC \sim \{ESC\}\{GOTO\}\{HOME\} \sim \{CALC\}/XQ$ /RIACCOMP~/RIACCOMP2~{ESC}{GOTO}{HOME}~{CALC}/XQ /RIINPUT~/RIINPUT2~{ESC}{GOTO}{HOME}~{CALC}/XQ CRRA GLLLLLLL CRRB GPQ /XQ PRBAIP GPQ /XQ EtQ

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TABLE 1. Acreage Summary, Dona Ana & Sierra Counties, Projected 2018

BUDGET AREA....... DONA ANA AND SIERRA COUNTIES

		WATER	USE
ACREAGE SUMMARY:	LAND USE (ACRES)	AC. IN. PER ACRE	TOTAL AC. IN.
ALFALFA ESTABLISHMENT *	40.00	12	480
ALFALFA	160.00	60	9,600
PIMA COTTON	17.00	33	561
ARP	0.00		
FLEX IN UPLAND COTTON	3.00	33	99
UPLAND COTTON	119.00	33	3,927
ARP	0.00		
FLEX IN PIMA COTTON	21.00	33	693
GRAIN SORGHUM	17.00	24	408
ARP	0.00		
FLEX IN UPLAND COTTON	3.00	33	99
SPRING LETTUCE	10.00	30	300
FALL LETTUCE *	50.00	40	2.000
WHEAT	17.00	36	612
ARP	0.00		
FLEX IN UPLAND COTTON	3.00	33	99
FALL ONIONS	20.00	56	1,120
MIDSEASON YELLOW ONIONS	20.00	48	960
SWEET SPANISH ONIONS	20.00	56	1,120
GREEN CHILE	15.00	55	825
RED CHILE	15.00	60	900
ROADS, DITCHES, HOMESTEAD	40.00		
TOTAL	500.00		23,803
ACRE FEET PER ACRE OF WA	TER RIGHTS		3.97

^{*} DOUBLE-CROPPED

TABLE 2. Basic cost information for Dona Ana and Sierra Counties, Projected 2018

Item

item				
Labor Wage Rate:				
Equipment operators		\$/hour		\$7.50
General & Irrigators		\$/hour		\$7.50
Purchased Inputs:				
Nitrogen (N)		\$/pound		\$0.31
Phosphate (P205)		\$/pound		\$0.24
Canal water		\$/acre		\$75.00
Additional Water (over 2 acft)		\$/ac ft		\$16.00
Baling Wire		\$/lb		\$1.32
Energy: Butane		\$/MCF		\$2.85
Diesel fuel		\$/MCF \$/gallon		\$2.85
Gasoline		\$/gallon		\$2.70
Electricity (El Paso Elec)		cents/KwHr		0.00
Natural gas (Rio Grande)		\$/MCF		\$4.11
Employee Liability Insurance		\$/\$1,000 wa	anes	20.00
Employee Benefits		percent/wad		18.00%
Labor Downtime		percent	,00	25.00%
Financial Rates:				
Operating Capital Interest Rate		percent		5.50%
Land Interest Rate		percent		5.00%
Equipment Interest Rate		percent		5.50%
Real Interest Rate		percent		3.00%
Land Taxes	\$900.00	/acre (full va	alue)	\$8.76
Personal Property Tax Rate	- NR	\$/\$1,000	(Assessed	\$29.20
	- R		Value)	\$26.09
Supervision Factors			-	
Field Crop-Irrigation		\$/labor hou	r	\$1.00
Field Crop-Equipment & General		\$/labor hou	r	\$0.50
Vegetable Crop-Irrigation		\$/labor hou		\$2.90
Vegetable Crop-Equip. & General		\$/labor hou	r	\$1.00
Management Rate				
Field Crops		percent/GR		7.00%
Vegetable Crops		percent/TO	E	10.00%

TABLE 3. Overhead cost information for Dona Ana and Sierra Counties, Projected 2018

Item

Electricity (Domestic & S	Shop)		\$304.80 per month	\$3,658
Telephone			\$222.25 per month	\$2,667
Accounting & Legal				\$3,359
Misc. Supplies & Hand T	ools			\$4,293
Pickup and Auto				
miles	25,400	@	\$0.500 per mile	\$12,700
Insurance				
 general liability (non-e 	employee)			\$1,892
- fire/theft				\$2,851
Property Taxes				
 non-planted land 				\$0
- other than land & mad	chinery			\$0
Fixed Costs - Pump				\$3,915
Building repairs and mai				\$1,435
Dues, fees, publications				\$432
Farmstead Equipment				\$184
			Total	\$37,386
			Total Per Planted Acre	\$84.77

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TABLE 6. Alfalfa establishment, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: August 1 - October 1

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED	TOTAL
DISC	185 HP	0.14 HR		\$1.05	\$3.92	\$1.31	\$2.31	\$8.59
CHISEL	185 HP	0.20 HR		\$1.50	\$5.59	\$1.54	\$3.48	\$12.11
PLOW	185 HP	0.38 HR		\$2.85	\$10.63	\$4.55	\$7.50	\$25.53
DISC (2X)	185 HP	0.28 HR		\$2.10	\$7.83	\$2.63	\$4.63	\$17.19
LASER PLANE (CUSTOM)			\$73.33					\$73.33
FERTILIZE	140 HP	0.05 HR		\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC & SPRAY	140 HP	0.17 HR		\$1.28	\$4.75	\$1.78	\$3.48	\$11.29
BORDER DISC	40 HP	0.05 HR		\$0.38	\$0.45	\$0.10	\$1.93	\$2.86
DRILL	140 HP	0.21 HR		\$1.58	\$3.94	\$1.14	\$10.05	\$16.70
IRRIGATE (2X)		1.50 HR		\$11.25	\$0.05	\$0.00	\$8.12	\$19.42
SUBTOTAL		2.98 HR	\$73.33	\$22.35	\$38.10	\$13.26	\$41.97	\$189.01
OVERHEAD EXPENSES								
DOWNTIME		1.17 HR		\$8.79				\$8.79
EMPLOYEE BENEFITS				\$4.02				\$4.02
INSURANCE			\$0.45					\$0.45
SUPERVISION AND MANAGEMENT				\$25.86				\$25.86
SUBTOTAL		1.17 HR	\$0.45	\$38.68				\$39.13
TOTAL OPERATING EXPENSES		4.15 HR	\$222.22	\$61.03	\$38.10	\$13.26	\$41.97	\$376.58

TABLE 7. Alfalfa hay, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018

Harvest Dates: June 1 - October 1 ITEM PRICE YIELD TOTAL GROSS RETURNS ALFALFA HAY \$185.00 7.00 TONS (STACKED) \$1,295.00 TOTAL \$1,295.00 PURCHASED FIXED PURCHASED INPUTS PRICE QUANTITY INPUTS TOTAL COST NITROGEN (N) \$0.31 35 LBS \$10.85 \$10.85 PHOSPHATE (P2O5) 90 LBS \$0.24 \$21.60 \$21.60 INSECTICIDE (CUSTOM) \$14.40 1 X/ACRE \$14.40 \$14.40 \$79.19 60 LBS \$1.32 \$79.19 ESTABLISHMENT: Principal 4 YEARS \$94.15 \$11.81 \$11.81 PUMP WATER* 0 AC. IN. CANAL WATER 60 AC. IN. \$123.00 \$123.00 SUBTOTAL \$249.04 \$105.96 \$354.99 POWER FUEL & ACCOMPLISHMENT PURCHASED FIXED PREHARVEST OPERATIONS UNIT LABOR LUBE REPAIRS TOTAL RATE INPUTS COST SPRAYER 140 HP \$0.83 \$4 94 0.11 HR \$2.06 \$0.60 \$1.46 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 \$0.47 \$2.00 IRRIGATE (10X) 5.00 HR \$37.50 \$0.00 \$0.00 \$0.00 \$37.50 SUBTOTAL 5.16 HR \$38.70 \$3.00 \$0.81 \$1.92 \$44.44 HARVEST OPERATIONS SWATHER (5X) 14 FT 0.55 HR \$4.13 \$5.56 \$0.80 \$24.83 \$35.31 BALER, PTO (5X) 140 HP 1.05 HR \$7.88 \$19.69 \$12.42 \$44.72 \$4.73 BALELOADER (CUSTOM) \$53.20 \$53.20 SUBTOTAL 1.60 HR \$53.20 \$12.00 \$25.25 \$5.53 \$37.25 \$133.23 OVERHEAD EXPENSES DOWNTIME EMPLOYEE BENEFITS 0.43 HR \$3.21 \$3.21 \$9.13 \$9.13 \$1.01 \$1.01 \$8.76 \$96.53 LAND TAXES \$8.76 SUPERVISION AND MANAGEMENT \$96.53 OTHER EXPENSES \$84.77 \$84.77 SUBTOTAL 0.43 HR \$85.79 \$108.86 \$8.76 \$203.41 TOTAL OPERATING EXPENSES \$736.07 7.03 HR \$388.03 \$159.56 \$28.25 \$6.34 \$153.89 NET OPERATING PROFIT \$558.93 INTEREST ON OPERATING CAPITAL \$128.04 @ 5.50%) \$7.04 INTEREST ON EQUIPMENT INVESTMENT \$18.27 RETURN TO LAND AND RISK \$533.62 *Pump water costs are shown under irrigation in the preharvest operation section. BUDGET SUMMARY GROSS RETURN \$1,295.00 VARIABLE OPERATING EXPENSES \$422.62 RETURN OVER VARIABLE EXPENSES \$872.38 (GROSS MARGIN) FIXED EXPENSES \$153.89 NET FARM INCOME \$718.49 (RETURN TO CAPITAL, LABOR, LAND & RISK) LABOR AND MANAGEMENT COST \$159.56 NET OPERATING PROFIT \$558.93 (RETURN TO CAPITAL, LAND & RISK)

\$25.31

\$533.62

CAPITAL COSTS

RETURN TO LAND AND RISK

TABLE 8. Pima cotton, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: April 15 - April 30

Harvest Dates: November	15 - November 30
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Harvest Dates: November	15 - November 30									
ITEM	PRICE		YIELI	D						TOTAL
GROSS RETURNS LINT	\$1.18		750.00	LBS						\$885.00
SEED	\$0.10		1,200.00	LBS						\$117.00
DIRECT PAYMENT	\$0.00		750.00	LBS						\$0.00
TOTAL									-	\$1,002.00
					PURCHASED				FIXED	
PURCHASED INPUTS	PRICE		QUANT	TTY	INPUTS				COST	TOTAL
SEED NUTROCENIAN	\$5.30		25 120	LBS	\$132.50					\$132.50
NITROGEN (N) PHOSPHATE (P2O5)	\$0.31 \$0.24			LBS	\$37.20 \$12.00					\$37.20 \$12.00
HERBICIDE	\$33.37		1	X/ACRE	\$33.37					\$33.37
CROP INSURANCE PUMP WATER*	\$2.94		0	AC. IN.	\$2.94					\$2.94
CANAL WATER				AC. IN.	\$87.00					\$87.00
SUBTOTAL				•	\$305.01				=	\$305.01
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLIS RATI		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP		0.14			\$1.05	\$3.92		\$2.31	\$8.59
CHISEL	140 HP		0.14			\$1.05	\$5.59	\$1.31 \$1.54	\$3.48	\$12.11
PLOW	140 HP		0.38			\$2.85	\$10.63	\$4.55	\$7.50	\$25.53
DISC DISC & SPRAY	140 HP 140 HP		0.14 0.15			\$1.05 \$1.13	\$3.92 \$4.20	\$1.31 \$1.57	\$2.31 \$3.07	\$8.59 \$9.96
FERTILIZE	140 HP		0.05			\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
LISTER	140 HP		0.18			\$1.35	\$5.03	\$1.38	\$3.27	\$11.03
PRE-IRRIGATE HARROW	40 HP		0.75 0.32			\$5.63 \$2.40	\$0.00 \$2.87	\$0.00 \$0.35	\$0.00 \$0.42	\$5.63 \$6.04
ROLLING CULT	40 HP		0.21			\$1.58	\$1.88	\$0.75	\$0.52	\$4.73
PLANTER	140 HP		0.26			\$1.95	\$4.88	\$1.56	\$6.32	\$14.70
HARROW ROLLING CULT (3X)	40 HP 140 HP		0.32 0.63			\$2.40 \$4.73	\$2.87 \$11.82	\$0.35 \$4.30	\$0.42 \$6.78	\$6.04 \$27.63
ROTO BUCK (2X)	40 HP		0.03			\$0.23	\$0.27	\$0.03	\$0.21	\$0.74
ROPEWICK	40 HP		0.10			\$0.75	\$0.90	\$0.11	\$0.23	\$1.99
IRRIGATE (4X)			2.00			\$15.00	\$0.00	\$0.00	\$0.00	\$15.00
SUBTOTAL			5.86	нк		\$43.95	\$59.71	\$19.32	\$37.31	\$160.29
HARVEST OPERATIONS										
COTTON PICKER (2X) COTTON TRAILER (2X)	2-ROW HALF TON		1.24 1.00			\$9.30 \$7.50	\$20.25 \$0.00	\$8.87 \$0.81	\$38.52 \$28.76	\$76.94 \$37.07
GIN COTTON (CUSTOM)	TIME! TOIL		1.00	1110	\$116.03	ψ1.50	ψ0.00	ψ0.01	Ψ20.70	\$116.03
SUBTOTAL			2.24	HR	\$116.03	\$16.80	\$20.25	\$9.68	\$67.29	\$230.04
POSTHARVEST OPERATIONS										
SHREDDER	40 HP		0.29	HR		\$2.18	\$2.60	\$0.37	\$1.08	\$6.23
OVERHEAD EXPENSES										
DOWNTIME			1.41	HR		\$10.58				\$10.58
EMPLOYEE BENEFITS						\$7.91				\$7.91
INSURANCE LAND TAXES					\$1.26				\$8.76	\$1.26 \$8.76
SUPERVISION AND MANAGEMENT						\$75.71			ψ0.70	\$75.71
OTHER EXPENSES					\$84.77					\$84.77
SUBTOTAL			1.41	HR	\$86.03	\$94.20			\$8.76	\$188.99
TOTAL OPERATING EXPENSES			9.80	HR	\$507.07	\$157.12	\$82.56	\$29.37	\$114.43	\$890.55
NET OPERATING PROFIT										\$111.45
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM	IENT	(\$246.67	@	5.50%)				\$13.57 \$36.49
RETURN TO LAND AND RISK										\$61.39
*Pump water costs are shown under irrig	gation in the preha		ion section. SUMMARY							
GROSS RETURN		SSESET	\$1,002.00							
VARIABLE OPERATING EXPENSES		\$619.00	φ1,002.00							
RETURN OVER VARIABLE EXPENSES			\$383.00	(GROS	S MARGIN)					
FIXED EXPENSES NET FARM INCOME		\$114.43	\$268.57	(RETUR	RN TO CAPITAL, LAE	OR, LAND &	RISK)			
LABOR AND MANAGEMENT COST		\$157.12					- ,			
			\$111.45	(RETUR	RN TO CAPITAL, LAN	ID & RISK)				
NET OPERATING PROFIT CAPITAL COSTS		\$50.06	ψ111.43	(112.01	NI TO CALITAL, LAN	,				

TABLE 9. Upland cotton (picker), flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: April 15 - April 30

marvest Dates: November 15	- November 30									
ITEM	PRICE		YIEL	.D	BASE					TOTAL
GROSS RETURNS	60.75		4.000	1.00						6750.00
LINT SEED	\$0.75 \$0.10		1,000 1,600							\$750.00 \$156.00
DIRECT PAYMENT	\$0.0000		1,000	LBS	0.85					\$0.00
COUNTER CYCLICAL PAYMENT	\$0.1373		1,230	LBS	0.85					\$143.55
TOTAL									-	\$1,049.55
PURCHASED INPUTS	PRICE		QUAN	ritv	PURCHASED INPUTS				FIXED COST	TOTAL
T OKOTIASED INI 013	TRIOL		QUAIN		1141 013				0001	TOTAL
SEED NUTROCEN (NI)	\$7.55			LBS LBS	\$188.75					\$188.75
NITROGEN (N) PHOSPHATE (P2O5)	\$0.31 \$0.24			LBS	\$37.20 \$12.00					\$37.20 \$12.00
HERBICIDE	\$33.37		1	X/ACRE	\$33.37					\$33.37
INSECTICIDE	\$64.72		1	X/ACRE	\$64.72					\$64.72
CROP INSURANCE PUMP WATER*	\$0.34		0	AC. IN.	\$0.34					\$0.34
CANAL WATER				AC. IN.	\$87.00					\$87.00
SUBTOTAL					\$423.37				-	\$423.37
PREHARVEST OPERATIONS	POWER UNIT	Į.	ACCOMPLI RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP		0.14	HR		\$1.05	\$3.92	\$1.31	\$2.31	\$8.59
CHISEL	140 HP		0.20			\$1.50	\$5.59	\$1.54	\$3.48	\$12.11
PLOW DISC	140 HP 140 HP		0.38 0.14			\$2.85 \$1.05	\$10.63 \$3.92	\$4.55 \$1.31	\$7.50 \$2.31	\$25.53 \$8.59
DISC & SPRAY	140 HP		0.14			\$1.03	\$4.75	\$1.78	\$3.48	\$11.29
FERTILIZE	140 HP		0.05			\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
LISTER	140 HP		0.18			\$1.35	\$5.03	\$1.38	\$3.27	\$11.03
PRE-IRRIGATE HARROW	40 HP		0.75 0.32			\$5.63 \$2.40	\$0.00 \$2.87	\$0.00 \$0.35	\$0.00 \$0.42	\$5.63 \$6.04
ROLLING CULT	40 HP		0.21			\$1.58	\$1.88	\$0.75	\$0.52	\$4.73
PLANTER	140 HP		0.26			\$1.95	\$4.88	\$1.56	\$6.32	\$14.70
HARROW ROLLING CULT (3X)	40 HP 140 HP		0.32 0.63			\$2.40 \$4.73	\$2.87 \$11.82	\$0.35 \$4.30	\$0.42 \$6.78	\$6.04 \$27.63
ROTO BUCK (2X)	40 HP		0.03			\$0.23	\$0.27	\$0.03	\$0.70	\$0.74
ROPEWICK	40 HP		0.10			\$0.75	\$0.90	\$0.11	\$0.23	\$1.99
IRRIGATE (4X)			2.00	HR		\$15.00	\$0.00	\$0.00	\$0.00	\$15.00
SUBTOTAL			5.88	HR		\$44.10	\$60.27	\$19.53	\$37.72	\$161.62
HARVEST OPERATIONS										
COTTON PICKER (2X)	2-ROW		1.24			\$9.30	\$20.25	\$8.87	\$38.52	\$76.94
COTTON TRAILER (2X) GIN COTTON (CUSTOM)	HALF TON		1.00	HR	\$128.30	\$7.50	\$0.00	\$0.81	\$28.76	\$37.07 \$128.30
SUBTOTAL		_	2.24	HR	\$128.30	\$16.80	\$20.25	\$9.68	\$67.29	\$242.31
POSTHARVEST OPERATIONS										
	40.110		0.00	LID		60.40	60.00	60.07	64.00	# 0.00
SHREDDER	40 HP		0.29	пк		\$2.18	\$2.60	\$0.37	\$1.08	\$6.23
OVERHEAD EXPENSES										
DOWNTIME EMPLOYEE BENEFITS			1.42	HR		\$10.61				\$10.61
EMPLOYEE BENEFITS INSURANCE					\$1.26	\$11.35				\$11.35 \$1.26
LAND TAXES					*				\$8.76	\$8.76
SUPERVISION AND MANAGEMENT					****	\$79.05				\$79.05
OTHER EXPENSES					\$84.77					\$84.77
SUBTOTAL			1.42	HR	\$86.03	\$101.01			\$8.76	\$195.81
TOTAL OPERATING EXPENSES			9.83	HR	\$637.71	\$164.09	\$83.12	\$29.58	\$114.84	\$1,029.34
NET OPERATING PROFIT										\$20.21
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMEN	NT	(\$245.56	@	5.50%)				\$13.51 \$36.65
RETURN TO LAND AND RISK										(\$29.95)
*Pump water costs are shown under irrigati		st operation								
GROSS RETURN			\$1,049.55							

GROSS RETURN
VARIABLE OPERATING EXPENSES
RETURN OVER VARIABLE EXPENSES
FIXED EXPENSES
NET FARM INCOME
LABOR AND MANAGEMENT COST
NET OPERATING PROFIT
CAPITAL COSTS
RETURN TO LAND AND RISK \$1,049.55 \$750.40 \$299.14 (GROSS MARGIN) \$114.84 \$184.30 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$164.09 \$20.21 (RETURN TO CAPITAL, LAND & RISK) \$50.16 (\$29.95)

TABLE 10. Grain sorghum (short season), flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: July 1 - July 15
Harvest Dates: September 1 - October 30

Harvest Dates: Septemb	er 1 - October 30							
ITEM	PRICE	YIELD						TOTAL
GROSS RETURNS								
GRAIN SORGHUM	\$6.08	40.00 CWT						\$243.14
DIRECT PAYMENT	\$0.00	40.00 CWT						\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00	0.00 CWT						\$0.00
TOTAL							-	\$243.14
			PURCHASED				FIXED	
PURCHASED INPUTS	PRICE	QUANTITY	INPUTS				COST	TOTAL
SEED	\$1.32	10 LBS	\$13.20					\$13.20
HERBICIDE	\$22.23	1 X/ACRE	\$22.23					\$22.23
INSECTICIDE	\$33.37	1 X/ACRE	\$33.37					\$33.37
PUMP WATER*	ψου.στ	0 AC. IN.	ψ00.01					ψου.στ
CANAL WATER		24 AC. IN.	\$75.00					\$75.00
CROP INSURANCE	\$2.94	24 AC. IIV.	\$2.94					\$2.94
SUBTOTAL	Ψ2.34		\$146.74				-	\$146.74
	POWER	ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP	0.14 HR		\$1.05	\$2.63	\$1.13	\$1.61	\$6.41
CHISEL	140 HP	0.20 HR		\$1.50	\$3.75	\$1.28	\$2.47	\$9.00
DISC & SPRAY	140 HP	0.17 HR		\$1.28	\$3.19	\$1.56	\$2.62	\$8.64
LISTER	140 HP	0.18 HR		\$1.35	\$3.38	\$1.14	\$2.36	\$8.23

LINUT							
UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
140 HP							\$6.41
							\$9.00
							\$8.64
							\$8.23
							\$14.70
							\$1.10
40 HP							\$9.46
	2.00 HR		\$15.00	\$0.00	\$0.00	\$0.00	\$15.00
	3.42 HR		\$25.61	\$21.99	\$8.21	\$16.74	\$72.55
		99.60					\$9.60
							\$7.20
		***					****
	0.00 HR	\$16.80	\$0.00	\$0.00	\$0.00	\$0.00	\$16.80
40 HP	0.29 HR		\$2.18	\$2.60	\$0.37	\$1.08	\$6.23
	0.40 LID		# 0.00				60.00
	0.43 HR						\$3.20
		CO EC	\$5.00				\$5.00
		\$0.56				¢0.76	\$0.56 \$8.76
			£10.00			\$8.76	\$8.76 \$18.20
		CO 4 77	\$10.20				
		\$84.77					\$84.77
	0.43 HR	\$85.33	\$26.40			\$8.76	\$120.49
	4.13 HR	\$248.87	\$54.19	\$24.59	\$8.58	\$26.57	\$362.81
							(\$119.66)
	(\$83.06 @	5.50%)				\$4.57 \$8.15
	140 HP 140 HP 140 HP 140 HP 140 HP 40 HP 40 HP	140 HP	140 HP	140 HP	140 HP	140 HP	140 HP

(\$132.38)

*Pump water costs are shown under irrigation in the preharvest operation section.
BUDGET SUMMARY

RETURN TO LAND AND RISK

GROSS RETURN		\$243.14	
VARIABLE OPERATING EXPENSES	\$282.04		
RETURN OVER VARIABLE EXPENSES		(\$38.90)	(GROSS MARGIN)
FIXED EXPENSES	\$26.57		
NET FARM INCOME		(\$65.47)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$54.19	,	
NET OPERATING PROFIT		(\$119.66)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$12.72		
RETURN TO LAND AND RISK		(\$132.38)	
-			

TABLE 11. Spring lettuce, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018

Planting Dates: January 1 - February 1

ITEM	PRICE	YIELI)						TOTAL
GROSS RETURNS SPRING LETTUCE	\$6.21	475	CARTON	NS					\$2,949.75
TOTAL									\$2,949.75
PURCHASED INPUTS	PRICE	QUANT	TITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$756.00		LBS	\$3,024.00					\$3,024.00
NITROGEN (N) PHOSPHATE (P205)	\$0.31 \$0.24		LBS LBS	\$77.50 \$42.00					\$77.50 \$42.00
INSECTICIDE PUMP WATER*	\$37.03		X/ACRE AC. IN.	\$111.09					\$111.09
CANAL WATER			AC. IN.	\$75.00					\$75.00
SUBTOTAL				\$3,329.59					\$3,329.59
	POWER	ACCOMPLIS		PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATI		INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP	0.14			\$1.05	\$2.63	\$1.13	\$1.61	\$6.41
CHISEL PLOW	140 HP 140 HP	0.20 0.38			\$1.50 \$2.85	\$3.75 \$7.13	\$1.28 \$4.06	\$2.47 \$5.59	\$9.00 \$19.62
DISC (2X)	140 HP	0.28			\$2.10	\$5.25	\$2.26	\$3.22	\$12.83
LASER PLANE (CUSTOM) FERTILIZE	140 HP	0.05	ΗР	\$73.33	\$0.38	\$0.94	\$0.22	\$0.47	\$73.33 \$2.00
DISC	140 HP	0.14			\$1.05	\$2.63	\$1.13	\$1.61	\$6.41
LISTER	140 HP	0.18			\$1.35	\$3.38	\$1.14	\$2.36	\$8.23
PRE-IRRIGATE ROLLING CULT	40 HP	0.75 0.21			\$5.63 \$1.58	\$0.02 \$1.88	\$0.00 \$0.75	\$2.41 \$0.52	\$8.05 \$4.73
VEG-PLANT SHAPER	140 HP	0.26			\$1.95	\$4.88	\$1.32	\$4.52	\$12.66
CULT & SIDEDRESS (2X)	140 HP	0.66			\$4.95	\$12.38	\$4.71	\$7.67	\$29.71
ROLLING CULT (3X) THIN & HOE (CUSTOM)	40 HP	0.21	пк	\$120.00	\$1.58	\$1.88	\$0.75	\$0.52	\$4.73 \$120.00
DUSTER (CUSTOM)				\$5.00	4				\$5.00
ROTO BUCK (8X) IRRIGATE (8X)	40 HP	0.12 4.00			\$0.90 \$30.00	\$1.08 \$0.13	\$0.13 \$0.00	\$0.83 \$19.25	\$2.94 \$49.38
SUBTOTAL		7.58	HR	\$198.33	\$56.85	\$47.94	\$18.87	\$53.04	\$375.03
HARVEST OPERATIONS									
HARVEST (CUSTOM)				\$878.75					\$878.75
CARTONS (CUSTOM) HAUL (CUSTOM)				\$403.75 \$142.50					\$403.75 \$142.50
BROKERAGE (CUSTOM)				\$272.85					\$272.85
SUBTOTAL		0.00	HR	\$1,697.85	\$0.00	\$0.00	\$0.00	\$0.00	\$1,697.85
OVERHEAD EXPENSES									
DOWNTIME		0.71	HR		\$5.31				\$5.31
EMPLOYEE BENEFITS				\$1.14	\$10.23				\$10.23
INSURANCE LAND TAXES				\$1.14				\$8.76	\$1.14 \$8.76
SUPERVISION AND MANAGEMENT OTHER EXPENSES				\$84.77	\$398.09				\$398.09 \$84.77
SUBTOTAL		0.71	HR	\$85.91	\$413.63			\$8.76	\$508.29
TOTAL OPERATING EXPENSES		8.29	HR	\$5,311.68	\$470.48	\$47.94	\$18.87	\$61.80	\$5,910.77
NET OPERATING PROFIT									(\$2,961.02)
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM		(\$1,872.57	@	5.50%)				\$102.99 \$27.74
RETURN TO LAND AND RISK									(\$3,091.75)
*Pump water costs are shown under irri		est operation section	٦.						
GROSS RETURN		\$2,949.75							
VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES	\$5,37	78.49 (\$2,428.74)	(GROS	SS MARGIN)					
FIXED EXPENSES	\$6	61.80	-	•	LABOR LAS	ID & DIOIO			
NET FARM INCOME LABOR AND MANAGEMENT COST	\$47	(\$2,490.54) 70.48		IRN TO CAPITAL,		•			
NET OPERATING PROFIT CAPITAL COSTS	\$13	(\$2,961.02) 30.73	(RETU	IRN TO CAPITAL,	LAND & RISI	<)			

TABLE 12. Fall lettuce, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: August 1 - August 15
Harvest Dates: October 15 - November 10

ITEM	PRICE		YIEI	_D						TOTAL
GROSS RETURNS FALL LETTUCE	\$5.94	1	500	CARTON	s					\$2,970.00
TOTAL										\$2,970.00
DUDGUAGED INDUTO	PRICE		OUAN	TITV	PURCHASED				FIXED	TOTAL
PURCHASED INPUTS	PRICE		QUAN	IIIY	INPUTS				COST	TOTAL
SEED NITROGEN (N)	\$784.00 \$0.3			LBS LBS	\$3,136.00 \$77.50					\$3,136.00 \$77.50
PHOSPHATE (P205)	\$0.24			LBS	\$36.00					\$36.00
HERBICIDE	\$18.5			X/ACRE	\$18.55					\$18.55
INSECTICIDE PUMP WATER*	\$231.73	3	1	X/ACRE AC. IN.	\$231.73					\$231.73
CANAL WATER				AC. IN.	\$46.67					\$46.67
SUBTOTAL					\$3,546.45					\$3,546.45
PREHARVEST OPERATIONS	POWER UNIT	₹	ACCOMPL RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 H	P	0.14	HR		\$1.05	\$2.63	\$1.13	\$1.61	\$6.41
CHISEL	140 H		0.20			\$1.50	\$3.75	\$1.28	\$2.47	\$9.00
PLOW DISC (2X)	140 H 140 H		0.38 0.28			\$2.85 \$2.10	\$7.13 \$5.25	\$4.06 \$2.26	\$5.59 \$3.22	\$19.62 \$12.83
LASER PLANE (CUSTOM)	14011	•	0.20	1111	\$72.50	Ψ2.10	ψ0.20	Ψ2.20	ψ0.22	\$72.50
FERTILIZE	140 H		0.05			\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC & SPRAY LISTER	140 H 140 H		0.17 0.18			\$1.28 \$1.35	\$3.19 \$3.38	\$1.56 \$1.14	\$2.62 \$2.36	\$8.64 \$8.23
PRE-IRRIGATE		•	0.75			\$5.63	\$0.00	\$0.00	\$0.00	\$5.63
ROLLING CULT	40 H		0.21			\$1.58	\$1.88	\$0.75	\$0.52	\$4.73
VEG-PLANT SHAPER CULT & SIDEDRESS (2X)	140 H 140 H		0.26 0.66			\$1.95 \$4.95	\$4.88 \$12.38	\$1.32 \$4.71	\$4.52 \$7.67	\$12.66 \$29.71
ROLLING CULT (3X)	40 H		0.63			\$4.73	\$5.65	\$2.24	\$1.57	\$14.19
THIN & HOE (CUSTOM)					\$160.00					\$160.00
DUSTER (CUSTOM) ROTO BUCK (8X)	40 H	D	0.12	НБ	\$15.00	\$0.90	\$1.08	\$0.13	\$0.83	\$15.00 \$2.94
IRRIGATE (8X)	40 H	г	4.00			\$30.00	\$0.00	\$0.00	\$0.00	\$30.00
SUBTOTAL			8.03	HR	\$247.50	\$60.23	\$52.13	\$20.79	\$33.45	\$414.09
HARVEST OPERATIONS										
HARVEST (CUSTOM)					\$925.00					\$925.00
CARTONS (CUSTOM)					\$425.00					\$425.00
HAUL (CUSTOM) BROKERAGE (CUSTOM)					\$150.00 \$274.73					\$150.00 \$274.73
SUBTOTAL					\$1,774.73					\$1,774.73
OVERHEAD EXPENSES										
DOWNTIME			0.82	HR		\$6.15				\$6.15
EMPLOYEE BENEFITS					#4.00	\$10.84				\$10.84
INSURANCE LAND TAXES					\$1.20				\$8.76	\$1.20 \$8.76
SUPERVISION AND MANAGEM	ENT					\$69.64			•	\$69.64
OTHER EXPENSES					\$84.77					\$84.77
SUBTOTAL			0.82	HR	\$85.98	\$86.63			\$8.76	\$181.36
TOTAL OPERATING EXPENSES			8.85	HR	\$5,654.65	\$146.85	\$52.13	\$20.79	\$42.21	\$5,916.62
NET OPERATING PROFIT										(\$2,946.62
INTEREST ON OPERATING CA INTEREST ON EQUIPMENT INV		(\$2,001.22	@	5.50%)				\$110.07 \$15.51
RETURN TO LAND AND RISK										(\$3,072.20
*Pump water costs are shown und	der irrigation in the p		ation section.							
GROSS RETURN		DODGET	\$2,970.00							
VARIABLE OPERATING EXPENS	ES	\$5,727.56	Ψ2,010.00							
RETURN OVER VARIABLE EXPEN	ISES		(\$2,757.56)	(GROS	S MARGIN)					
FIXED EXPENSES NET FARM INCOME		\$42.21	(\$2,799.77)	(RETIII	RN TO CAPITAL, I	ABOR I ANI) & RISK)			
LABOR AND MANAGEMENT COS	ST	\$146.85	(ΨΕ,133.11)	(1.1.1.01	IO OAI IIAL, I	L.DON, LAN	- a mon			
NET OPERATING PROFIT		\$125.58	(\$2,946.62)	(RETUI	RN TO CAPITAL, I	_AND & RISK)			
CAPITAL COSTS										

TABLE 13. Corn Silage, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018

Planting Dates: January 1 - January 15

Harvest Dates: July 1 - July 15

\$960.00 TOTAL \$66.00 \$93.00 \$0.00 \$30.00 \$2.94 \$274.94
\$66.00 \$93.00 \$0.00 \$30.00 \$30.00 \$2.94 \$274.94
\$66.00 \$93.00 \$0.00 \$30.00 \$30.00 \$2.94 \$274.94
\$66.00 \$93.00 \$0.00 \$30.00 \$32.00 \$274.94
\$93.00 \$0.00 \$30.00 \$83.00 \$2.94 \$274.94
\$0.00 \$30.00 \$83.00 \$2.94 \$274.94
\$30.00 \$83.00 \$2.94 \$274.94
\$2.94 \$274.94
\$2.94 \$274.94
\$274.94
TOTAL
1 \$6.41 7 \$9.00
7 \$2.00
2 \$8.64
3 \$2.86
5 \$16.70 2 \$23.17
7 \$68.78
\$10.00
\$10.00
•
\$1.54
\$3.81
\$0.42 6 \$8.76
\$69.61
\$84.77
6 \$168.91
3 \$522.63
\$437.37
\$7.89 \$13.00
\$416.48

TABLE 14. Fall onions, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018

Planting Dates: October Harvesting Dates: June 1								
ITEM	PRICE	YIELD						TOTA
GROSS RETURNS FALL ONIONS	\$7.87	1,200.00 SA	ACKS					\$9,444.00
TOTAL								\$9,444.00
PURCHASED INPUTS	PRICE	QUANTIT	PURCHASED Y INPUTS				FIXED COST	TOTA
							0031	
SEED NITROGEN (N)	\$100.00 \$0.31	6 LE 600 LE						\$600.00 \$186.00
PHOSPHATE (P2O5)	\$0.24	250 LE	S \$60.00					\$60.00
HERBICIDE INSECTICIDE	\$22.23 \$75.83		ACRE \$44.47 ACRE \$151.65					\$44.47 \$151.65
PUMP WATER*	4.5.55	6 AC	C. IN.					
CANAL WATER		50 AC		-				\$109.67
SUBTOTAL			\$1,151.79					\$1,151.79
	POWER	ACCOMPLISH			FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC	140 HP	0.14 HF		\$1.05	\$2.63	\$1.13	\$1.61	\$6.41
CHISEL PLOW	140 HP 140 HP	0.20 HF 0.38 HF		\$1.50 \$2.85	\$3.75 \$7.13	\$1.28 \$4.06	\$2.47 \$5.59	\$9.00 \$19.62
DISC (2X)	140 HP	0.28 HF	₹	\$2.10	\$5.25	\$2.26	\$3.22	\$12.83
LASER PLANE (CUSTOM)	440.110	0.05 115	\$73.33	#0.00	60.04	#0.00	60.47	\$73.33
FERTILIZE DISC & SPRAY	140 HP 140 HP	0.05 HF 0.17 HF		\$0.38 \$1.28	\$0.94 \$3.19	\$0.22 \$1.56	\$0.47 \$2.62	\$2.00 \$8.64
LISTER	140 HP	0.18 HF		\$1.35	\$3.38	\$1.14	\$2.36	\$8.23
PRE-IRRIGATE	40.115	0.75 HF		\$5.63	\$0.00	\$0.00	\$0.58	\$6.21
ROD WEEDER ROLLING CULT	40 HP 40 HP	0.08 HF 0.21 HF		\$0.60 \$1.58	\$0.72 \$1.88	\$0.15 \$0.75	\$1.57 \$0.52	\$3.04 \$4.73
VEG PLANT-SHAPER	140 HP	0.26 HF		\$1.95	\$4.88	\$1.32	\$4.52	\$12.66
CULT & SIDEDRESS (4X)	140 HP	1.32 HF		\$9.90	\$24.76	\$9.41	\$15.34	\$59.41
ROLLING CULT (2X) THIN & HOE (CUSTOM)	40 HP	0.42 HF	\$120.00	\$3.15	\$3.77	\$1.49	\$1.04	\$9.46 \$120.00
ROTO BUCK (9X)	40 HP	0.14 HF	₹	\$1.01	\$1.21	\$0.15	\$0.94	\$3.31
IRRIGATE (13X)		6.50 HF		\$48.75	\$0.05	\$0.00	\$7.54	\$56.34
SUBTOTAL		11.08 HF	R \$193.33	\$83.06	\$63.53	\$24.91	\$50.39	\$415.23
HARVEST OPERATIONS								
ONION KNIVES HARVEST & HAUL (CUSTOM)	80 HP	0.27 HF	\$1,320.00	\$2.03	\$5.06	\$1.43	\$4.30	\$12.82 \$1,320.00
BAG RENTAL			\$120.00					\$1,320.00
FIELD LOAD (CUSTOM)			\$0.00					\$0.00
PROCESSING (CUSTOM)			\$2,280.00					\$2,280.00
CONTAINER CHARGE BROKERAGE (CUSTOM)			\$480.00 \$849.96					\$480.00 \$849.96
SUBTOTAL		0.27 HF	R \$5,049.96	\$2.03	\$5.06	\$1.43	\$4.30	\$5,062.78
OVERHEAD EXPENSES								
DOWNTIME		1.02 HF	2	\$7.68				\$7.68
EMPLOYEE BENEFITS				\$14.95				\$14.95
INSURANCE LAND TAXES			\$1.66				\$8.76	\$1.66 \$8.76
SUPERVISION AND MANAGEMENT				\$194.89			ψ0.70	\$194.89
OTHER EXPENSES			\$84.77					\$84.77
SUBTOTAL		1.02 HF	R \$86.43	\$217.51			\$8.76	\$312.71
TOTAL OPERATING EXPENSES		12.37 HF	\$6,481.51	\$302.60	\$68.59	\$26.34	\$63.45	\$6,942.50
NET OPERATING PROFIT								\$2,501.50
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTI		(\$1,067.17	@ 5.50%)				\$58.69 \$25.32
RETURN TO LAND AND RISK								\$2,417.48
*Pump water costs are shown under irr	igation in the preharvest opera	tion section.						
·		T SUMMARY						
GROSS RETURN		\$9,444.00						
VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES	\$6,576.44		(GROSS MARGIN)					
FIXED EXPENSES	\$63.4		(2500(0111)					
NET FARM INCOME	\$302.60	\$2,804.10	(RETURN TO CAPITAL, L	ABOR, LAND	& RISK)			
	3530260	J						
LABOR AND MANAGEMENT COST NET OPERATING PROFIT	φου <u>Σ.</u> ιο.		(RETURN TO CAPITAL, L	AND & RISK)				

TABLE 15. Midseason yellow onions, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: January 1 - January 31
Harvest Dates: July 1 - July 31

ITEM	PRICE	YIEL	D		_	_	_		TOTA
GROSS RETURNS MIDSEASON YELLOWS	\$8.24	675.00	SACKS						\$5,562.0
TOTAL									\$5,562.0
1017.2									ψο,σοΣ.σ
PURCHASED INPUTS	PRICE	QUANT	ITY	PURCHASED INPUTS				FIXED COST	TOTA
								0001	
SEED NITROGEN (N)	\$150.00 \$0.31		LBS LBS	\$600.00 \$139.50					\$600.0 \$139.5
PHOSPHATE (P205)	\$0.24		LBS	\$43.20					\$43.2
HERBICIDE	\$64.72	1	X/ACRE	\$64.72					\$64.7
INSECTICIDE	\$75.87		X/ACRE	\$75.87					\$75.8
PUMP WATER*			AC. IN.						
CANAL WATER		42	AC. IN.	\$99.00					\$99.0
SUBTOTAL				\$1,022.28					\$1,022.2
	POWER	ACCOMPLI		PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RAT	E	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC	140 HP	0.14			\$1.05	\$2.63	\$1.13	\$1.61	\$6.4
CHISEL	140 HP	0.20			\$1.50	\$3.75	\$1.28	\$2.47	\$9.0
PLOW PLOC (OV)	140 HP	0.38			\$2.85	\$7.13	\$4.06	\$5.59	\$19.6
DISC (2X) LASER PLANE (CUSTOM)	140 HP	0.28	HK	¢70.00	\$2.10	\$5.25	\$2.26	\$3.22	\$12.8
FERTILIZE	140 HP	0.05	HR	\$73.33	\$0.38	\$0.94	\$0.22	\$0.47	\$73.3 \$2.0
DISC & SPRAY	140 HP	0.17			\$1.28	\$3.19	\$1.56	\$2.62	\$8.6
LISTER	140 HP	0.18			\$1.35	\$3.38	\$1.14	\$2.36	\$8.2
PRE-IRRIGATE		0.75	HR		\$5.63	\$0.00	\$0.00	\$0.68	\$6.3
ROD WEEDER	40 HP	0.08			\$0.60	\$0.72	\$0.15	\$1.57	\$3.0
ROLLING CULT	40 HP	0.21			\$1.58	\$1.88	\$0.75	\$0.22	\$4.4
VEG PLANT-SHAPER	140 HP	0.26			\$1.95	\$4.88	\$1.32	\$4.52	\$12.6
CULT & SIDEDRESS (3X)	140 HP	0.99			\$7.43	\$18.57	\$7.06	\$11.51	\$44.5
ROLLING CULT (2X) HOE (CUSTOM)	40 HP	0.42	HK	\$120.00	\$3.15	\$3.77	\$1.49	\$1.04	\$9.4 \$120.0
ROTO BUCK (9X)	40 HP	0.14	HR	\$120.00	\$1.01	\$1.21	\$0.15	\$0.94	\$3.3
IRRIGATE (11X)	40111	5.50			\$41.25	\$0.05	\$0.00	\$7.44	\$48.7
SUBTOTAL		9.75	HR	\$193.33	\$73.09	\$57.34	\$22.56	\$46.25	\$392.5
HARVEST OPERATIONS									
ONION KNIIVES	140 HD	0.27	UD		#2.02	PE 00	£1.40	£4.20	¢10.0
ONION KNIVES HARVEST & HAUL (CUSTOM)	140 HP	0.27	нк	\$742.50	\$2.03	\$5.06	\$1.43	\$4.30	\$12.8 \$742.5
BAG RENTAL				\$67.50					\$67.5
FIELD LOAD				\$0.00					\$0.0
PROCESSING				\$1,282.50					\$1,282.5
CONTAINER CHARGE				\$270.00					\$270.0
BROKERAGE (CUSTOM)				\$500.58					\$500.5
SUBTOTAL		0.27	HR	\$2,863.08	\$2.03	\$5.06	\$1.43	\$4.30	\$2,875.9
OVERHEAD EXPENSES									
DOWNTIME		0.40	HR		\$2.98				\$2.9
EMPLOYEE BENEFITS					\$13.52				\$13.5
INSURANCE				\$1.50				00.70	\$1.5
LAND TAXES SUPERVISION AND MANAGEM	ENT				\$175.81			\$8.76	\$8.7 \$175.8
OTHER EXPENSES	ILIVI			\$84.77	ψ175.01				\$84.7
SUBTOTAL		0.40	HR	\$86.27	\$192.31			\$8.76	\$287.3
TOTAL OPERATING EXPENSES		10.41	HR	\$4,164.97	\$267.42	\$62.40	\$23.98	\$59.31	\$4,578.0
NET OPERATING PROFIT									\$983.9
INTEREST ON OPERATING CA		(\$818.04	@	5.50%)				\$44.9
INTEREST ON EQUIPMENT INV RETURN TO LAND AND RISK	/ LOTIVICIN I								\$23.9 \$914.9
									Ψ314.8
*Pump water costs are shown un		est operation section JDGET SUMMARY							
GROSS RETURN		\$5,562.00							
VARIABLE OPERATING EXPENS	SES \$4.2	\$5,562.00 251.35							
RETURN OVER VARIABLE EXPEN		\$1,310.65	(GROS	SS MARGIN)					
FIXED EXPENSES		559.31	, 350	,					
NET FARM INCOME		\$1,251.33	(RETU	RN TO CAPITAL,	LABOR, LAN	ND & RISK)			
LABOR AND MANAGEMENT CO:	চ। \$2	267.42							
NET OPERATING PROFIT CAPITAL COSTS		\$983.91 \$68.93	(RETU	RN TO CAPITAL,	LAND & RIS	iK)			

TABLE 16. Sweet Spanish onions, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: January 15 - February 15
Harvest Dates: August 1 - August 15

Harvest Dates: August 1 ITEM	PRICE	YIEI	D						TOTA
IILW	FRICE	71623							101
GROSS RETURNS SWEET SPANISH	\$7.41	825.00	SACKS						\$6,113.2
TOTAL									\$6,113.2
PURCHASED INPUTS	PRICE	QUAN	TITY	PURCHASED INPUTS				FIXED COST	TOT
SEED	\$179.00		LBS	\$716.00					\$716.0
NITROGEN (N) PHOSPHATE (P2O5)	\$0.31 \$0.24		LBS LBS	\$139.50 \$43.20					\$139.5 \$43.2
HERBICIDE	\$64.72		X/ACRE	\$64.72					\$64.7
INSECTICIDE	\$75.79	1	X/ACRE	\$75.79					\$75.
PUMP WATER* CANAL WATER			AC. IN. AC. IN.	\$109.67					\$109.6
		50	710.114.						
SUBTOTAL				\$1,148.87					\$1,148.8
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPL RA		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED	тот
				INIOIO					
DISC CHISEL	140 HP	0.14 0.20			\$1.05 \$1.60	\$2.63	\$1.13	\$1.61	\$6.4 \$9.0
PLOW	140 HP 140 HP	0.38			\$1.50 \$2.85	\$3.75 \$7.13	\$1.28 \$4.06	\$2.47 \$5.59	\$9.0 \$19.0
DISC (2X)	140 HP	0.28	HR		\$2.10	\$5.25	\$2.26	\$3.22	\$12.
LASER PLANE (CUSTOM)	440.110	0.05	LID	\$73.33	60.00	60.04	#0.00	CO 47	\$73.
FERTILIZE DISC & SPRAY	140 HP 140 HP	0.05 0.17			\$0.38 \$1.28	\$0.94 \$3.19	\$0.22 \$1.56	\$0.47 \$2.62	\$2. \$8.
LISTER	140 HP	0.18			\$1.35	\$3.38	\$1.14	\$2.36	\$8.
PRE-IRRIGATE		0.75			\$5.63	\$0.00	\$0.00	\$0.58	\$6.
ROD WEEDER ROLLING CULT	40 HP 40 HP	0.08 0.21			\$0.60 \$1.58	\$0.72 \$1.88	\$0.15 \$0.75	\$1.57 \$0.52	\$3. \$4.
VEG PLANT-SHAPER	140 HP	0.26			\$1.95	\$4.88	\$1.32	\$4.52	\$12.
CULT & SIDEDRESS (3X)	140 HP	0.99			\$7.43	\$18.57	\$7.06	\$11.51	\$44.
ROLLING CULT (2X)	40 HP	0.42	HR	# 400.00	\$3.15	\$3.77	\$1.49	\$1.04	\$9.
THIN & HOE (CUSTOM) ROTO BUCK (9X)	40 HP	0.14	HR	\$120.00	\$1.01	\$1.21	\$0.15	\$0.94	\$120. \$3.
IRRIGATE (13X)	40111	6.50			\$48.75	\$0.05	\$0.00	\$7.54	\$56.
SUBTOTAL		10.75	HR	\$193.33	\$80.59	\$57.34	\$22.56	\$46.56	\$400.
HARVEST OPERATIONS									
ONION KNIVES	140 HP	0.27	HR		\$2.03	\$5.06	\$1.43	\$4.30	\$12.
HARVEST & HAUL (CUSTOM) BAG RENTAL				\$907.50 \$82.50					\$907. \$82.
FIELD LOAD				\$0.00					\$0.
PROCESSING				\$1,567.50					\$1,567.
CONTAINER CHARGE BROKERAGE (CUSTOM)				\$330.00 \$550.19					\$330. \$550.
SUBTOTAL		0.27	HR	\$3,437.69	\$2.03	\$5.06	\$1.43	\$4.30	\$3,450.
VERHEAD EXPENSES									
DOWNTIME		0.62	HR		\$4.67				\$4.
EMPLOYEE BENEFITS					\$14.87				\$14.
INSURANCE				\$1.65				60.70	\$1.
LAND TAXES SUPERVISION AND MANAGEMENT					\$192.47			\$8.76	\$8. \$192.
OTHER EXPENSES				\$84.77					\$84.
SUBTOTAL		0.62	HR	\$86.42	\$212.01			\$8.76	\$307.
OTAL OPERATING EXPENSES		11.64	HR	\$4,866.32	\$294.62	\$62.40	\$23.98	\$59.62	\$5,306.
ET OPERATING PROFIT									\$806.
INTEREST ON OPERATING CAPITA INTEREST ON EQUIPMENT INVEST		(\$929.22	@	5.50%)				\$51. \$23.
ETURN TO LAND AND RISK									\$731.
*Pump water costs are shown under in	rigation in the preharvest of	peration section.							
. ,		ET SUMMARY							
ROSS RETURN	64.050	\$6,113.25							
VARIABLE OPERATING EXPENSES ETURN OVER VARIABLE EXPENSES	\$4,952.7 S	71 \$1,160.54	(GROS)	S MARGIN)					
FIXED EXPENSES	\$59.6		(01103						
ET FARM INCOME		\$1,100.92	(RETUR	RN TO CAPITAL, LA	ABOR, LAND	& RISK)			
LABOR AND MANAGEMENT COST ET OPERATING PROFIT	\$294.6	\$806.30	(RETITE	RN TO CAPITAL, LA	VND % DIGK/				
CAPITAL COSTS	\$75.0		(IVE TOP	IO OAI IIAL, L	יוט מ וגוסוג)				
	*. *								

TABLE 1. Green chile, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: March 15 - April 10
Harvest Dates: August 15 - November 30

		August 13 - November 30	Tialvest Dates.
TOTAL	YIELD	PRICE	ITEM
			GROSS RETURNS
\$5,225.00	11.00 TONS	\$475.00	GREEN
\$0.00	0.00 LBS	\$0.00	RED
\$5,225.00			TOTAL
<u> </u>			

TOTAL										\$5,225.00
					PURCHASED				FIXED	
PURCHASED INPUTS	PRICE		QUANT	TTY	INPUTS				COST	TOTAL
SEED	\$16.00		5	LBS	\$80.00					\$80.00
NITROGEN (N)	\$0.31		300		\$93.00					\$93.00
PHOSPHATE (P205)	\$0.24			LBS	\$16.80					\$16.80
HERBICIDE	\$74.10			X/ACRE	\$74.10					\$74.10
INSECTICIDE	\$46.16			X/ACRE	\$46.16					\$46.16
NEMATICIDE (CUSTOM)	\$45.54			X/ACRE	\$45.54					\$45.54
CROP INSURANCE	*			DOLLAR	\$40.00					\$40.00
PUMP WATER*				AC. IN.	*					*
CANAL WATER				AC. IN.	\$116.33					\$116.33
SUBTOTAL				-	\$511.93					\$511.93
	DOWED				DUDOUAGED		EUEL 0		FIXED	
PREHARVEST OPERATIONS	POWER UNIT	,	RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	COST	TOTAL
DISC	140 HP		0.14	HR		\$1.05	\$2.63	\$1.13	\$1.61	\$6.41
CHISEL	140 HP		0.20			\$1.50	\$3.75	\$1.28	\$2.47	\$9.00
PLOW	140 HP		0.38			\$2.85	\$7.13	\$4.06	\$5.59	\$19.62
DISC (2X)	140 HP		0.28			\$2.10	\$5.25	\$2.26	\$3.22	\$12.83
LASER PLANE (CUSTOM)	140111		0.20	1111	\$73.33	Ψ2.10	ψ0.20	Ψ2.20	Ψ0.22	\$73.33
FERTILIZE	140 HP		0.05	ΗР	Ψ13.33	\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC & SPRAY	140 HP		0.05			\$0.36 \$1.28	\$3.19	\$1.56	\$2.62	\$8.64
LISTER	140 HP		0.18			\$1.35	\$3.38	\$1.14	\$2.36	\$8.23
PRE-IRRIGATE			0.75			\$5.63	\$0.00	\$0.00	\$0.00	\$5.63
ROLLING CULT	40 HP		0.21			\$1.58	\$1.88	\$0.75	\$0.52	\$4.73
VEG PLANT-SHAPER	140 HP		0.26			\$1.95	\$4.88	\$1.32	\$4.52	\$12.66
ROLLING CULT (2X)	40 HP		0.42			\$3.15	\$3.77	\$1.49	\$1.04	\$9.46
CULTIVATOR (3X)	40 HP		0.63	HR		\$4.73	\$5.65	\$2.24	\$1.57	\$14.19
CULT & SIDEDRESS (2X)	140 HP		0.66	HR		\$4.95	\$12.38	\$4.71	\$7.67	\$29.71
THINNING (CUSTOM)					\$70.00					\$70.00
HOEING (CUSTOM)					\$80.00					\$80.00
ROTO BUCK (7X)	40 HP		0.11	HR	******	\$0.79	\$0.94	\$0.12	\$0.73	\$2.58
IRRIGATE (10X)			5.00			\$37.50	\$0.00	\$0.00	\$0.00	\$37.50
SUBTOTAL		_	9.44	HR	\$223.33	\$70.76	\$55.76	\$22.27	\$34.39	\$406.51
HARVEST OPERATIONS										
HARVEST GREEN (CUSTOM)					\$990.00					\$990.00
HARVEST RED (CUSTOM)					\$0.00					\$0.00
HAUL (TRAILER) (3X)	40 HP		2.40	HR	*****	\$18.00	\$21.54	\$2.66	\$14.00	\$56.20
FORK LIFT (3X)	RENTAL		1.05		\$10.00	\$7.88	Ψ21.01	Ψ2.00	ψσσ	\$17.88
HAUL (CUSTOM)	KLINIAL		1.05	TIIX	\$137.50	Ψ1.00				\$137.50
		_								
SUBTOTAL			3.45	HR	\$1,137.50	\$25.88	\$21.54	\$2.66	\$14.00	\$1,201.57
POSTHARVEST OPERATIONS										
SHREDDER	40 HP		0.29	HR		\$2.18	\$2.60	\$0.37	\$1.08	\$6.23
OVERHEAD EXPENSES										
DOWNTIME			1.86	HR		\$13.92				\$13.92
EMPLOYEE BENEFITS						\$17.79				\$17.79
INSURANCE					\$1.98	•				\$1.98
LAND TAXES					ψσο				\$8.76	\$8.76
SUPERVISION AND MANAGEMENT						\$135.70			ψ0.70	\$135.70
OTHER EXPENSES					\$84.77	ψ133.70				\$84.77
SUBTOTAL		_	1.86	HR	\$86.75	\$167.40			\$8.76	\$262.91
TOTAL OPERATING EXPENSES		_	15.03	HR	\$1,959.51	\$266.22	\$79.91	\$25.29	\$58.22	\$2,389.15
NET OPERATING PROFIT										\$2,835.85
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTI		(\$428.36	@	5.50%)				\$23.56 \$21.35
RETURN TO LAND AND RISK										\$2,790.94
*Pump water costs are shown under irri	igation in the preharve	est opera	ntion section	L						. ,
and and another and an	J and promary	spore								

BUDGET SUMMARY

\$5,225.00

GROSS RETURN
VARIABLE OPERATING EXPENSES
RETURN OVER VARIABLE EXPENSES
FIXED EXPENSES
NET FARM INCOME
LABOR AND MANAGEMENT COST
NET OPERATING PROFIT
CAPITAL COSTS
RETURN TO LAND AND RISK \$2,064.71 \$3,160.29 (GROSS MARGIN) \$58.22 \$3,102.07 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$266.22 \$2,835.85 (RETURN TO CAPITAL, LAND & RISK) \$44.91 \$2,790.94

TABLE 18. Red chile, flood-irrigated, budgeted per acre costs and returns for a farm with above average management, Dona Ana and Sierra Counties, Projected 2018
Planting Dates: March 15 - April 10
Harvest Dates: August 15 - November 30

TOTAL	YIELD	PRICE	ITEM
\$2,100.00	3,500.00 LBS	\$0.60	GROSS RETURNS RED
\$2,100.00			TOTAL

TOTAL										\$2,100.00
					PURCHASED				FIXED	
PURCHASED INPUTS	PRICE		QUAN	TITY	INPUTS				COST	TOTAL
SEED NITROGEN (N) PHOSPHATE (P205) HERBICIDE INSECTICIDE	\$16.00 \$0.31 \$0.24 \$74.10 \$46.16		250 60 1	LBS LBS LBS X/ACRE X/ACRE	\$128.00 \$77.50 \$14.40 \$74.10 \$46.16					\$128.00 \$77.50 \$14.40 \$74.10 \$46.16
NEMATICIDE (CUSTOM) CROP INSURANCE PUMP WATER*	\$45.54		1 600	X/ACRE DOLLARS AC. IN.	\$45.54					\$45.54 \$40.00
CANAL WATER				AC. IN.	\$123.00					\$123.00
SUBTOTAL					\$548.70				•	\$548.70
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLI RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP		0.14			\$1.05	\$2.63	\$1.13	\$1.61	\$6.41
CHISEL PLOW	140 HP 140 HP		0.20 0.38			\$1.50 \$2.85	\$3.75 \$7.13	\$1.28 \$4.06	\$2.47 \$5.59	\$9.00 \$19.62
DISC (2X)	140 HP		0.38			\$2.00	\$7.13 \$5.25	\$4.06 \$2.26	\$3.22	\$19.62
LASER PLANE (CUSTOM)					\$73.33	*		*		\$73.33
FERTILIZE	140 HP		0.05			\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC & SPRAY LISTER	140 HP 140 HP		0.17 0.18			\$1.28 \$1.35	\$3.19 \$3.38	\$1.56 \$1.14	\$2.62 \$2.36	\$8.64 \$8.23
PRE-IRRIGATE	140 HP		0.18			\$1.35 \$5.63	\$0.00	\$0.00	\$2.36	\$5.63
ROLLING CULT	40 HP		0.73			\$1.58	\$1.88	\$0.75	\$0.52	\$4.73
VEG PLANT-SHAPER	140 HP		0.26			\$1.95	\$4.88	\$1.32	\$4.52	\$12.66
ROLLING CULT (2X)	40 HP		0.42			\$3.15	\$3.77	\$1.49	\$1.04	\$9.46
CULTIVATOR (3X)	40 HP		0.63			\$4.73	\$5.65	\$2.24	\$1.57	\$14.19
CULT & SIDEDRESS (2X)	140 HP		0.66	HR		\$4.95	\$12.38	\$4.71	\$7.67	\$29.71
THINNING (CUSTOM) HOEING (CUSTOM)					\$70.00 \$80.00					\$70.00 \$80.00
ROTO BUCK (7X)	40 HP		0.11	HR	\$60.00	\$0.79	\$0.94	\$0.12	\$0.73	\$2.58
IRRIGATE (11X)	40111		5.50			\$41.25	\$0.00	\$0.00	\$0.00	\$41.25
SUBTOTAL		_	9.94	HR	\$223.33	\$74.51	\$55.76	\$22.27	\$34.39	\$410.26
HARVEST OPERATIONS										
HARVEST (CUSTOM)					\$700.00					\$700.00
HAUL (TRAILER) (3X)	40 HP		0.80	HR	*	\$6.00	\$7.18	\$0.89	\$4.67	\$18.73
FORK LIFT (3X)	RENTAL		0.30	HR	\$10.00	\$2.25				\$12.25
HAUL (CUSTOM)					\$105.00					\$105.00
SUBTOTAL			1.10	HR	\$815.00	\$8.25	\$7.18	\$0.89	\$4.67	\$835.98
POSTHARVEST OPERATIONS										
SHREDDER	40 HP		0.29	HR		\$2.18	\$2.60	\$0.37	\$1.08	\$6.23
OVERHEAD EXPENSES										
DOWNTIME			1.27	HR		\$9.52				\$9.52
EMPLOYEE BENEFITS						\$15.29				\$15.29
INSURANCE					\$1.70				60.70	\$1.70
LAND TAXES SUPERVISION AND MANAGEMENT						\$133.82			\$8.76	\$8.76 \$133.82
OTHER EXPENSES					\$84.77	ψ100.02				\$84.77
SUBTOTAL		_	1.27	HR	\$86.47	\$158.62			\$8.76	\$253.85
TOTAL OPERATING EXPENSES		_	12.59	HR	\$1,673.50	\$243.56	\$65.55	\$23.52	\$48.89	\$2,055.02
NET OPERATING PROFIT										\$44.98
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTME	ENT	(\$418.53	@	5.50%)				\$23.02 \$18.24
RETURN TO LAND AND RISK										\$3.72
*Pump water costs are shown under irrig	ation in the probancet	oneratio	eaction							

^{*}Pump water costs are shown under irrigation in the preharvest operation section. BUDGET SUMMARY

	\$2,100.00	
\$1,762.57		
	\$337.43	(GROSS MARGIN)
\$48.89		
	\$288.54	(RETURN TO CAPITAL, LABOR, LAND & RISK)
\$243.56		
	\$44.98	(RETURN TO CAPITAL, LAND & RISK)
\$41.26		
	\$3.72	
	\$48.89 \$243.56	\$1,762.57 \$48.89 \$288.54 \$243.56 \$41.26

Table 19. Summary of per acre costs and returns for a 500 acre farm with above average management, Dona Ana and Sierra Counties, Projected 2018

	ALFALFA ESTABLISHMENT	ALFALFA HAY	PIMA COTTON	PICKER COTTON	GRAIN SORGHUM	SPRING LETTUCE	FALL LETTUCE	CORN SILAGE	FALL ONIONS	MIDSEASON YELLOW ONIONS	SWEET SPANISH ONIONS	GREEN CHILE	RED CHILE
		TONS	LBS	LBS	CWT	CARTONS	CARTONS	TONS	SACKS	SACKS	SACKS	TONS/LBS	LBS
PRIMARY YIELD PRIMARY PRICE GOVERNMENT PAYMENTS		7.00 \$185.00 \$0.00	750.00 \$1.18 \$0.00	1,000.00 \$0.75 \$143.55	40.00 \$6.08 \$0.00	475.00 \$6.21 \$0.00	500.00 \$5.94 \$0.00	30.00 \$32.00 \$0.00	1,200.00 \$7.87 \$0.00	675.00 \$8.24 \$0.00	825.00 \$7.41 \$0.00	11.00 \$475.00 \$0.00	3,500.00 \$0.60 \$0.00
SECOND INCOME		\$0.00	\$117.00	\$156.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSS RETURN		\$1,295.00	\$1,002.00	\$1,049.55	\$243.14	\$2,949.75	\$2,970.00	\$960.00	\$9,444.00	\$5,562.00	\$6,113.25	\$5,225.00	\$2,100.00
CASH OPERATING EXPENSES	0.100.00		0.400.50	0400 75	040.00	#0.004.00	00.400.00	# 00.00	*****	# 000.00	#740.00	***	# 400.00
SEED FERTILIZER	\$100.00 \$21.60	\$32.45	\$132.50 \$49.20	\$188.75 \$49.20	\$13.20	\$3,024.00 \$119.50	\$3,136.00 \$113.50	\$66.00 \$93.00	\$600.00 \$246.00	\$600.00 \$182.70	\$716.00 \$182.70	\$80.00 \$109.80	\$128.00 \$91.90
CHEMICALS	\$26.84	\$14.40	\$33.37	\$98.09	\$55.60	\$111.09	\$250.28	\$30.00	\$196.12	\$140.58	\$140.51	\$165.80	\$165.80
CROP INSURANCE			\$2.94	\$0.34	\$2.94			\$2.94				\$40.00	\$40.00
OTHER PURCHASED INPUTS CANAL WATER		\$79.19 \$123.00	\$87.00	\$87.00	\$75.00	\$75.00	\$46.67	\$83.00	\$109.67	\$99.00	\$109.67	\$116.33	\$123.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$38.05	\$28.25	\$82.56	\$83.12	\$24.59	\$47.80	\$52.13	\$14.89	\$68.54	\$62.35	\$62.35	\$79.91	\$65.55
FUEL-IRRIGATION	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.14	\$0.00	\$0.05	\$0.05	\$0.05	\$0.05	\$0.00	\$0.00
REPAIRS	\$13.26	\$6.34	\$29.37	\$29.58	\$8.58	\$18.87	\$20.79	\$5.42	\$26.34	\$23.98	\$23.98	\$25.29	\$23.52
CUSTOM CHARGES	\$73.33	\$53.20	\$116.03	\$128.30	\$16.80	\$1,896.18	\$2,022.23	\$10.00	\$5,243.29	\$3,056.41	\$3,631.02	\$1,360.83	\$1,038.33
LAND TAXES		\$8.76	\$8.76	\$8.76	\$8.76	\$8.76	\$8.76	\$8.76	\$8.76	\$8.76	\$8.76	\$8.76	\$8.76
OTHER EXPENSES	\$0.45	\$85.79	\$86.03	\$86.03	\$85.33	\$85.91	\$85.98	\$85.19	\$86.43	\$86.27	\$86.42	\$86.75	\$86.47
TOTAL CASH EXPENSES	\$273.58	\$431.38	\$627.76	\$759.16	\$290.80	\$5,387.25	\$5,736.32	\$399.26	\$6,585.20	\$4,260.11	\$4,961.47	\$2,073.47	\$1,771.33
RETURN OVER CASH EXPENSES	(\$273.58)	\$863.62	\$374.24	\$290.38	(\$47.66)	(\$2,437.50)	(\$2,766.32)	\$560.74	\$2,858.80	\$1,301.89	\$1,151.78	\$3,151.53	\$328.67
FIXED EXPENSES	\$41.97	\$145.13	\$105.67	\$106.08	\$17.81	\$53.04	\$33.45	\$27.27	\$54.69	\$50.55	\$50.86	\$49.46	\$40.13
TOTAL EXPENSES	\$315.55	\$576.51	\$733.43	\$865.25	\$308.62	\$5,440.29	\$5,769.77	\$426.53	\$6,639.90	\$4,310.67	\$5,012.33	\$2,122.93	\$1,811.46
NET FARM INCOME	(\$315.55)	\$718.49	\$268.57	\$184.30	(\$65.47)	(\$2,490.54)	(\$2,799.77)	\$533.47	\$2,804.10	\$1,251.33	\$1,100.92	\$3,102.07	\$288.54
LABOR AND MANAGEMENT COSTS	\$61.03	\$159.56	\$157.12	\$164.09	\$54.19	\$470.48	\$146.85	\$96.10	\$302.60	\$267.42	\$294.62	\$266.22	\$243.56
NET OPERATING PROFIT	(\$376.58)	\$558.93	\$111.45	\$20.21	(\$119.66)	(\$2,961.02)	(\$2,946.62)	\$437.37	\$2,501.50	\$983.91	\$806.30	\$2,835.85	\$44.98
CAPITAL COSTS INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT		\$7.04 \$18.27	\$13.57 \$36.49	\$13.51 \$36.65	\$4.57 \$8.15	\$102.99 \$27.74	\$110.07 \$15.51	\$7.89 \$13.00	\$58.69 \$25.32	\$44.99 \$23.94	\$51.11 \$23.94	\$23.56 \$21.35	\$23.02 \$18.24
TOTAL CAPITAL COSTS	\$0.00	\$25.31	\$50.06	\$50.16	\$12.72	\$130.73	\$125.58	\$20.89	\$84.02	\$68.93	\$75.05	\$44.91	\$41.26
RETURN TO LAND AND RISK	(\$376.58)	\$533.62	\$61.39	(\$29.95)	(\$132.38)	(\$3,091.75)	(\$3,072.20)	\$416.48	\$2,417.48	\$914.97	\$731.26	\$2,790.94	\$3.72

Flex Computation 203.56 112.79 -106.42 456.75 456.75076

Table 20. Whole farm budget summary, Dona Ana and Sierra Counties,

Projected 2018	ary, Doria 7 are	a una cien	a Courtico,		
GROSS RETURNS					
ALFALFA HAY	160	ACRES			
CROP PIMA COTTON	17	ACRES	\$207,200		
LINT	.,	HORLO	\$15,045		
SEED			\$1,989		
COUNTER CYCLICAL PAYMENT UPLAND COTTON	140.00	ACRES	\$0		
LINT	149.00	ACRES	\$111,750		
SEED			\$23,244		
DIRECT PAYMENT			\$0		
COUNTER CYCLICAL PAYMENT GRAIN SORGHUM	17	ACRES	\$21,389		
CROP			\$4,133		
DIRECT PAYMENT			\$0 \$0		
COUNTER CYCLICAL PAYMENT SPRING LETTUCE	10	ACRES	\$0		
CROP			\$29,498		
FALL LETTUCE	50	ACRES	0440 500		
CROP WHEAT	17	ACRES	\$148,500		
CROP	•	7.0.1.20	\$16,320		
DIRECT PAYMENT			\$0		
FALL ONIONS CROP	20	ACRES	\$188,880		
MIDSEASON YELLOW ONIONS	20	ACRES	ψ 100,000		
CROP			\$111,240		
SWEET SPANISH ONIONS CROP	20	ACRES	\$122,265		
GREEN CHILE	15	ACRES	Ψ122,203		
GREEN			\$78,375		
RED RED CHILE	15	ACRES	\$0		
RED CHILE	15	ACRES	\$31,500		
			, , , , , , , , , , , , , , , , , , , ,	_	
GROSS RETURN					\$1,111,327
CASH OPERATING EXPENSES					
SEED			\$264,203		
FERTILIZER CHEMICALS			\$37,928 \$48,158		
CROP INSURANCE			\$1,400		
OTHER PURCHASED INPUTS			\$12,670		
CANAL WATER			\$49,848		
FUEL, OIL & LUBRICANTS-EQUIP FUEL-IRRIGATION	MENT		\$29,633		
REPAIRS			\$8 \$10,136		
CUSTOM CHARGES			\$427,665		
LAND TAXES			\$4,467		
OTHER EXPENSES			\$43,863		
TOTAL CASH EXPENSES			_	\$929,978	
RETURN OVER CASH EXPENSES					\$181,349
FIXED EXPENSES			\$34,874		
TOTAL EXPENSES				\$964,852	
NET FARM INCOME					\$146,475
LABOR AND MANAGEMENT COSTS			¢04 622		ψ. το, τι Ο
NET OPERATING PROFIT			\$94,633		¢54 040
					\$51,842
CAPITAL COSTS INTEREST ON OPERATING CAPIT	ΓΑΙ		\$13,909		
INTEREST ON EQUIPMENT INVES			\$12,475		
TOTAL CARITAL OCCUR			_	#00.00 <i>t</i>	
TOTAL CAPITAL COSTS				\$26,384	
RETURN TO LAND AND RISK				-	\$25,457
	RETURN		RETURN ON		
LAND VALUE	TO RISK*		INVESTMENT**		
\$3,000 /ACRE	(\$19,543)		3.06%		
\$5,000 /ACRE	(\$49,543)		1.93%		
\$7,000 /ACRE	(\$79,543) (\$109,543)		1.40%		
	(\$79,543) (\$109,543) (\$139,543)		1.40% 1.10% 0.91%		

^{*} RETURN TO LAND AND RISK MINUS (INTEREST RATE TIMES LAND VALUE TIMES ACREAGE)
** NET OPERATING PROFIT DIVIDED BY (MACHINERY AND EQUIPMENT VALUE PLUS LAND VALUE)