MICROCOMPUTER CROP COST AND RETURN GENERATOR

BUDGET AREA..... DONA ANA COUNTY Projected 2010.

FARM SIZE...... 500.00 Acres

IRRIGATION TYPE..... FLOOD NUMBER OF CROPS...... 12

VERSION 1.0

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TABLE 1. Acreage Summary, Dona Ana & Sierra Counties,
Projected 2010.

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

FARM SIZE...... 500 ACRES
IRRIGATION TYPE..... FLOOD NUMBER OF CROPS.. 12

		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	ATER RIGHTS		3.97

^{*} DOUBLE-CROPPED

TABLE 2. Basic cost information for Dona Ana and Sierra Counties, Projected 2010.

Item

Labor Wage Rate:				
Equipment operators		\$/hour		\$7.25
General & Irrigators		\$/hour		\$7.25
Purchased Inputs:				
Nitrogen (N)		\$/pound		\$0.58
Phosphate (P205)		\$/pound		\$0.51
Canal water		\$/acre		\$75.00
Additional Water (over 2 acft)		\$/ac ft		\$16.00
Baling Wire		\$/lb		\$0.61
Energy:				
Butane		\$/MCF		\$2.45
Diesel fuel		\$/gallon		\$2.75
Gasoline		\$/gallon		\$2.50
Electricity (El Paso Elec)		cents/KwHr	•	0.00
Natural gas (Rio Grande)		\$/MCF		\$6.00
Employee Liability Insurance		\$/\$1,000 w	•	20.00
Employee Benefits		percent/wa	ges	18.00%
Labor Downtime		percent		25.00%
Financial Rates:				
Operating Capital Interest Rate		percent		7.50%
Land Interest Rate		percent		7.00%
Equipment Interest Rate		percent		7.50%
Real Interest Rate		percent		3.00%
Land Taxes	\$900.0	0 /acre (full v	alue)	\$9.11
Personal Property Tax Rate	- NR	\$/\$1,000	(Assessed	\$30.36
	- R		Value)	\$26.07
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 2010.

Electricity (Domestic & :	Shop)		\$283.20 per month	\$3,398
Telephone			\$206.50 per month	\$2,478
Accounting & Legal				\$3,121
Misc. Supplies & Hand	Tools			\$3,988
Pickup and Auto				
miles	23,600	@	\$0.415 per mile	\$9,794
Insurance				
- general liability (non-	employee)			\$1,758
- fire/theft				\$2,649
Property Taxes				
 non-planted land 				\$0
- other than land & ma	chinery			\$0
Fixed Costs - Pump				\$3,915
Building repairs and ma				\$1,333
Dues, fees, publications	;			\$401
Farmstead Equipment				\$171
			Total	\$33,008

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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 2010.

Planting Dates: August 1 - October 1

ITEM	PRICE	QUANTITY	PURCHASED INPUTS					TOTAL
PURCHASED INPUTS								
SEED	\$3.75	25.00 LBS	\$93.75					\$93.75
PHOSPHATE (P2O5)	\$0.51	90.00 LBS	\$45.90					\$45.90
HERBICIDE	\$26.84	1.00 X/ACRE	\$26.84					\$26.84
PUMP WATER* CANAL WATER		6 AC. IN. 6.00 AC. IN.						
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SUBTOTAL			\$166.49					\$166.49
	POWER	ACCOMPLICITATION	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	ACCOMPLISHMENT RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
	-							
DISC	185 HP	0.14 HR		\$1.02	\$3.99	\$1.33	\$2.37	\$8.70
CHISEL	185 HP	0.20 HR		\$1.45	\$5.70	\$1.57	\$3.55	\$12.26
PLOW	185 HP	0.38 HR		\$2.76	\$10.82	\$4.60	\$7.65	\$25.83
DISC (2X)	185 HP	0.28 HR	#70.00	\$2.03	\$7.98	\$2.66	\$4.73	\$17.40
LASER PLANE (CUSTOM) FERTILIZE	140 HP	0.05 HR	\$73.33	\$0.36	\$0.98	\$0.22	\$0.47	\$73.33 \$2.02
DISC & SPRAY	140 HP	0.05 HR 0.17 HR		\$1.23	\$4.84	\$1.80	\$3.54	\$11.42
BORDER DISC	40 HP	0.05 HR		\$0.36	\$0.47	\$0.10	\$1.94	\$2.87
DRILL	140 HP	0.21 HR		\$1.52	\$4.10	\$1.14	\$10.07	\$16.83
IRRIGATE (2X)		1.50 HR		\$10.88	\$0.05	\$0.00	\$8.15	\$19.08
SUBTOTAL		2.98 HR	\$73.33	\$21.61	\$38.93	\$13.41	\$42.47	\$189.75
OVERHEAD EXPENSES								
DOWNTIME		1.17 HR		\$8.50				\$8.50
EMPLOYEE BENEFITS				\$3.89				\$3.89
INSURANCE			\$0.43					\$0.43
SUPERVISION AND MANAGEMENT				\$27.18				\$27.18
SUBTOTAL		1.17 HR	\$0.43	\$39.57				\$40.00
TOTAL OPERATING EXPENSES		4.15 HR	\$240.25	\$61.17	\$38.93	\$13.41	\$42.47	\$396.24

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

Harvest Dates: June 1 - October 1 PRICE YIELD TOTAL GROSS RETURNS ALFALFA HAY \$140.00 8.00 TONS (STACKED) \$1,120.00 \$1,120.00 TOTAL PURCHASED FIXED PURCHASED INPUTS PRICE QUANTITY INPUTS TOTAL COST NITROGEN (N) 35 LBS \$20.30 \$0.58 \$20.30 PHOSPHATE (P2O5) INSECTICIDE (CUSTOM) \$45.90 \$14.40 \$0.51 90 LBS \$45.90 1 X/ACRE \$14.40 \$14.40 \$0.61 69 LBS \$41.82 ESTABLISHMENT: Principal 4 YEARS \$99.06 \$99.06 \$17.18 \$17.18 PUMP WATER* 0 AC. IN. 60 AC. IN. CANAL WATER \$123.00 \$123.00 SUBTOTAL \$245.42 \$116.24 \$361.67 ACCOMPLISHMENT PURCHASED FUEL & POWER FIXED PREHARVEST OPERATIONS RATE LABOR LUBE **REPAIRS** TOTAL SPRAYER 140 HP 0.11 HR \$0.80 \$2.15 \$0.60 \$1.46 \$5.00 FERTILIZE IRRIGATE (10X) 0.05 HR 5.00 HR \$0.36 \$36.25 140 HP \$0.98 \$0.22 \$0.47 \$2.02 \$0.00 \$0.00 \$0.00 \$36.25 SUBTOTAL 5.16 HR \$37.41 \$3.13 \$0.81 \$1.93 \$43.28 HARVEST OPERATIONS SWATHER (5X) 14 FT 0.55 HR \$3.99 \$5.66 \$0.80 \$24.92 \$35.36 BALER, PTO (5X) BALELOADER (CUSTOM) 140 HP 1.05 HR \$20.51 \$12.46 \$45.31 \$60.80 \$60.80 SUBTOTAL \$141.48 1.60 HR \$60.80 \$11.60 \$26,18 \$5.53 \$37.37 OVERHEAD EXPENSES \$3.10 DOWNTIME 0.43 HR \$3.10 EMPLOYEE BENEFITS \$8.82 \$8.82 \$0.98 \$9.11 INSURANCE \$0.98 LAND TAXES \$9.11 SUPERVISION AND MANAGEMENT OTHER EXPENSES \$84.28 \$84.28 \$76.02 \$76.02 \$182.31 0.43 HR \$77.00 SUBTOTAL \$96.20 \$9.11 TOTAL OPERATING EXPENSES 7.03 HR \$383.22 \$145.21 \$29.30 \$6.34 \$164.65 \$728.73 NET OPERATING PROFIT \$391.27 INTEREST ON OPERATING CAPITAL \$126.34 @ 7.50%) \$9.48 INTEREST ON EQUIPMENT INVESTMENT \$24.91 RETURN TO LAND AND RISK \$356.89

Pump water costs are snown under imgation in the pre	BUDGET S			
GROSS RETURN		\$1,120.00		
VARIABLE OPERATING EXPENSES	\$418.86			
RETURN OVER VARIABLE EXPENSES		\$701.14	(GROSS MARGIN)	
FIXED EXPENSES	\$164.65			
NET FARM INCOME		\$536.48	(RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$145.21			
NET OPERATING PROFIT		\$391.27	(RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS	\$34.39			
RETURN TO LAND AND RISK		\$356.89		

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 2010.

Planting Dates: April 15 - April 30
Harvest Dates: November 15 - November 30

Harvest Dates: Novembe	r 15 - November 30							
ITEM	PRICE	YIELD						TOTAL
GROSS RETURNS	***	=======================================						
LINT SEED	\$1.00 \$0.07	750.00 LBS 1,200.00 LBS						\$750.00 \$84.00
DIRECT PAYMENT	\$0.00	750.00 LBS						\$0.00
TOTAL							-	\$834.00
TOTAL								ψ034.00
			PURCHASED				FIXED	
PURCHASED INPUTS	PRICE	QUANTITY	INPUTS				COST	TOTAL
SEED	\$1.14	25 LBS	\$28.50					\$28.50
NITROGEN (N)	\$0.58	120 LBS	\$69.60					\$69.60
PHOSPHATE (P2O5)	\$0.51	50 LBS	\$25.50					\$25.50
HERBICIDE	\$33.37	1 X/ACRE	\$33.37					\$33.37
CROP INSURANCE	\$2.94		\$2.94					\$2.94
PUMP WATER* CANAL WATER		0 AC. IN. 33 AC. IN.	\$87.00					\$87.00
		33 AC. IN.					_	
SUBTOTAL			\$246.91				_	\$246.91
PREHARVEST	POWER	ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP	0.14 HR		\$1.02	\$3.99	\$1.33	\$2.37	\$8.70
CHISEL	140 HP	0.20 HR		\$1.45	\$5.70	\$1.57	\$3.55	\$12.26
PLOW	140 HP	0.38 HR		\$2.76	\$10.82	\$4.60	\$7.65	\$25.83
DISC	140 HP	0.14 HR		\$1.02	\$3.99	\$1.33	\$2.37	\$8.70
DISC & SPRAY	140 HP	0.15 HR		\$1.09	\$4.27	\$1.59	\$3.13	\$10.08
FERTILIZE	140 HP	0.05 HR		\$0.36	\$0.98	\$0.22	\$0.47	\$2.02
LISTER	140 HP	0.18 HR		\$1.31	\$5.13	\$1.40	\$3.34	\$11.17
PRE-IRRIGATE	40.115	0.75 HR		\$5.44	\$0.00	\$0.00	\$0.00	\$5.44
HARROW	40 HP	0.32 HR		\$2.32	\$2.99	\$0.35	\$0.42	\$6.08
ROLLING CULT PLANTER	40 HP 140 HP	0.21 HR 0.26 HR		\$1.52 \$1.89	\$1.96 \$5.08	\$0.75 \$1.56	\$0.52 \$6.33	\$4.76 \$14.85
HARROW	40 HP	0.32 HR		\$2.32	\$2.99	\$0.35	\$0.42	\$6.08
ROLLING CULT (3X)	140 HP	0.63 HR		\$4.57	\$12.31	\$4.30	\$6.80	\$27.98
ROTO BUCK (2X)	40 HP	0.03 HR		\$0.22	\$0.28	\$0.03	\$0.21	\$0.74
ROPEWICK	40 HP	0.10 HR		\$0.73	\$0.94	\$0.11	\$0.23	\$2.00
IRRIGATE (4X)		2.00 HR		\$14.50	\$0.00	\$0.00	\$0.00	\$14.50
SUBTOTAL		5.86 HR		\$42.49	\$61.43	\$19.48	\$37.80	\$161.19
HARVEST OPERATIONS								
COTTON PICKER (2X)	2-ROW	1.24 HR		\$8.99	\$20.62	\$8.87	\$38.63	\$77.11
COTTON PICKER (2X) COTTON TRAILER (2X)	HALF TON	1.24 FR 1.00 HR		\$7.25	\$0.00	\$0.69	\$25.03	\$32.97
GIN COTTON (CUSTOM)	TIME! TOIN	1.00 1110	\$116.03	Ψ1.20	ψ0.00	ψ0.00	Ψ20.00	\$116.03
SUBTOTAL		2.24 HR	\$116.03	\$16.24	\$20.62	\$9.56	\$63.66	\$226.10
POSTHARVEST OPERATION								
SHREDDER	40 HP	0.29 HR		\$2.10	\$2.71	\$0.37	\$1.08	\$6.27
OVERHEAD EXPENSES								
DOWNTIME		1.41 HR		\$10.22				\$10.22
EMPLOYEE BENEFITS				\$7.65				\$7.65
INSURANCE			\$1.22					\$1.22
LAND TAXES							\$9.11	\$9.11
SUPERVISION AND MANAGEMENT			670.00	\$63.95				\$63.95
OTHER EXPENSES			\$76.02					\$76.02
SUBTOTAL		1.41 HR	\$77.23	\$81.82			\$9.11	\$168.16
TOTAL OPERATING EXPENSES		9.80 HR	\$440.17	\$142.65	\$84.76	\$29.40	\$111.65	\$808.63
NET OPERATING PROFIT								\$25.37
INTEREST ON OPERATING CAPITA INTEREST ON EQUIPMENT INVEST		(\$219.62 @	7.50%)				\$16.47 \$48.61
RETURN TO LAND AND RISK								(\$39.72)
·		·						_

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

BUDGET SUMMARY

GROSS RETURN
VARIABLE OPERATING EXPENSES
RETURN OVER VARIABLE EXPENSES
FIXED EXPENSES
NET FARM INCOME
LABOR AND MANAGEMENT COST
NET OPERATING PROFIT
CADITAL COSTS \$834.00 \$554.33 \$279.67 (GROSS MARGIN) \$111.65 \$168.02 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$142.65 \$25.37 (RETURN TO CAPITAL, LAND & RISK) CAPITAL COSTS
RETURN TO LAND AND RISK \$65.09 (\$39.72)

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 2010.

Planting Dates: April 15 - April 30

Harvest Dates: November 15 - November 30

NET OPERATING PROFIT

RETURN TO LAND AND RISK

INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT

Harvest Dates: November	15 - November 30							
ITEM	PRICE	YIELD	BASE					TOTAL
GROSS RETURNS								
LINT	\$0.80	1,000 LBS						\$800.00
SEED	\$0.07	1,600 LBS						\$112.00
DIRECT PAYMENT	\$0.0000	1,000 LBS	0.85					\$0.00
COUNTER CYCLICAL PAYMENT	\$0.1373	1,230 LBS	0.85					
COUNTER CYCLICAL PATMENT	\$0.1373	1,230 LBS	0.85					\$143.55
TOTAL							-	\$1,055.55
			PURCHASED				FIXED	
PURCHASED INPUTS	PRICE	QUANTITY	INPUTS				COST	TOTAL
SEED	\$2.15	25 LBS	\$53.75					\$53.75
NITROGEN (N)	\$0.58	120 LBS	\$69.60					\$69.60
PHOSPHATE (P2O5)	\$0.51	50 LBS	\$25.50					\$25.50
		1 X/ACRE						
HERBICIDE	\$33.37		\$33.37					\$33.37
INSECTICIDE	\$64.72	1 X/ACRE	\$64.72					\$64.72
CROP INSURANCE	\$0.34		\$0.34					\$0.34
PUMP WATER*		0 AC. IN.						
CANAL WATER		33 AC. IN.	\$87.00					\$87.00
SUBTOTAL			\$334.27				-	\$334.27
	POWER	ACCOMPLISHMENT			FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP	0.14 HR		\$1.02	\$3.99	\$1.33	\$2.37	\$8.70
CHISEL	140 HP	0.20 HR		\$1.45	\$5.70	\$1.57	\$3.55	\$12.26
PLOW	140 HP	0.38 HR		\$2.76	\$10.82	\$4.60	\$7.65	\$25.83
DISC	140 HP	0.14 HR		\$1.02	\$3.99	\$1.33	\$2.37	\$8.70
DISC & SPRAY	140 HP	0.17 HR		\$1.23	\$4.84	\$1.80	\$3.54	\$11.42
FERTILIZE	140 HP	0.05 HR		\$0.36	\$0.98	\$0.22	\$0.47	\$2.02
LISTER	140 HP	0.18 HR		\$1.31	\$5.13	\$1.40	\$3.34	\$11.17
PRE-IRRIGATE		0.75 HR		\$5.44	\$0.00	\$0.00	\$0.00	\$5.44
HARROW	40 HP	0.32 HR		\$2.32	\$2.99	\$0.35	\$0.42	\$6.08
ROLLING CULT	40 HP	0.21 HR		\$1.52	\$1.96	\$0.75	\$0.52	\$4.76
PLANTER	140 HP	0.26 HR		\$1.89	\$5.08	\$1.56	\$6.33	\$14.85
HARROW	40 HP	0.32 HR		\$2.32	\$2.99	\$0.35	\$0.42	\$6.08
ROLLING CULT (3X)	140 HP	0.63 HR		\$4.57	\$12.31	\$4.30	\$6.80	\$27.98
ROTO BUCK (2X)	40 HP	0.03 HR		\$0.22	\$0.28	\$0.03	\$0.21	\$0.74
ROPEWICK	40 HP	0.10 HR		\$0.73	\$0.94	\$0.11	\$0.23	\$2.00
IRRIGATE (4X)	10111	2.00 HR		\$14.50	\$0.00	\$0.00	\$0.00	\$14.50
				,		*		
SUBTOTAL		5.88 HR		\$42.63	\$62.00	\$19.69	\$38.22	\$162.53
HARVEST OPERATIONS								
COTTON DICKED (QV)	2-ROW	1.24 HR		60.00	\$20.C2	¢0.07	#20.02	\$77.11
COTTON FICKER (2X)				\$8.99	\$20.62	\$8.87	\$38.63	
COTTON TRAILER (2X)	HALF TON	1.00 HR	A	\$7.25	\$0.00	\$0.69	\$25.03	\$32.97
GIN COTTON (CUSTOM)			\$128.30					\$128.30
SUBTOTAL		2.24 HR	\$128.30	\$16.24	\$20.62	\$9.56	\$63.66	\$238.38
POSTHARVEST OPERATIONS								
	40.110	0.00 115		60.40	60 71	60.0	04.00	60.00
SHREDDER	40 HP	0.29 HR		\$2.10	\$2.71	\$0.37	\$1.08	\$6.27
OVERHEAD EXPENSES								
DOWNTIME		1.42 HR		\$10.26				\$10.26
		1.42 111						
EMPLOYEE BENEFITS			** **	\$10.98				\$10.98
INSURANCE			\$1.22					\$1.22
LAND TAXES							\$9.11	\$9.1
SUPERVISION AND MANAGEMENT				\$79.47				\$79.47
OTHER EXPENSES			\$76.02					\$76.02
SUBTOTAL		1.42 HR	\$77.24	\$100.70			\$9.11	\$187.05
					005.00	# 00.00		
TOTAL OPERATING EXPENSES		9.83 HR	\$539.81	\$161.67	\$85.33	\$29.62	\$112.07	\$928.49

*Pump water costs are shown under irrigation in the		ration section. SUMMARY	
GROSS RETURN		\$1,055.55	
VARIABLE OPERATING EXPENSES	\$654.75		
RETURN OVER VARIABLE EXPENSES		\$400.79	(GROSS MARGIN)
FIXED EXPENSES	\$112.07		
NET FARM INCOME		\$288.73	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$161.67		
NET OPERATING PROFIT		\$127.05	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$63.95		
RETURN TO LAND AND RISK		\$63.11	

(\$201.53 @

7.50%

)

\$127.05

\$15.12 \$48.83

\$63.11

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 2010.

Planting Dates: July 1 - July 15

Planting Dates: July 1 - July 15 Harvest Dates: September 1 - October 30

ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			
GRAIN SORGHUM	\$7.70	40.00 CWT	\$308.00
DIDECT DAYMENT	@0.00	40.00 CWT	የ ስ ስስ

00 DIRECT PAYMENT
COUNTER CYCLICAL PAYMENT \$0.00 0.00 CWT \$0.00 TOTAL \$308.00 PURCHASED FIXED PURCHASED INPUTS PRICE QUANTITY INPUTS COST TOTAL \$2.10 10 LBS \$21.00 \$21.00 HERBICIDE \$22.23 1 X/ACRE 1 X/ACRE \$22.23 \$22.23 INSECTICIDE \$33.37 \$33.37 \$33.37 PUMP WATER* 0 AC. IN. CANAL WATER \$75.00 \$75.00 24 AC. IN. CROP INSURANCE \$2.94 \$2.94 \$154.54 \$2.94 SUBTOTAL \$154.54 POWER ACCOMPLISHMENT PURCHASED FUEL & FIXED PREHARVEST OPERATIONS LABOR LUBE REPAIRS TOTAL DISC 140 HP 0.14 HR \$1.02 \$2.74 \$1.13 \$1.61 \$6.49 CHISEL DISC & SPRAY 140 HP 140 HP 0.20 HR 0.17 HR \$1.45 \$1.23 \$3.91 \$3.32 \$1.28 \$1.56 \$2.47 \$2.63 \$9.11 \$8.74 LISTER 140 HP 0.18 HR \$1.31 \$3.52 \$1.14 \$2.37 \$8.33 PI ANTER 140 HP 0.26 HR \$1.89 \$5.08 \$1.56 \$6.33 \$14.85 ROTO BUCK (3X) 40 HP 0.05 HR \$0.33 \$0.42 \$0.05 \$0.31 \$1.11 ROLLING CULT (2X) IRRIGATE (4X) 40 HP 0.42 HR \$3.05 \$3.93 \$1.49 \$1.05 \$9.52 2.00 HR \$14.50 \$14.50 \$0.00 \$0.00 \$0.00 \$72.65 SUBTOTAL \$24.76 \$22.91 \$8.21 3.42 HR \$16.78 HARVEST OPERATIONS COMBINE (CUSTOM) \$9.60 \$9.60 HAUL (CUSTOM) \$7.20 \$7.20 SUBTOTAL 0.00 HR \$16.80 \$0.00 \$0.00 \$0.00 \$0.00 \$16.80 POSTHARVEST OPERATIONS SHREDDER 40 HP 0.29 HR \$2.10 \$2.71 \$0.37 \$1.08 \$6.27 OVERHEAD EXPENSES DOWNTIME 0.43 HR \$3.09 \$3.09 EMPLOYEE BENEFITS \$4.84 \$4.84 INSURANCE \$0.54 \$0.54 LAND TAXES \$9.11 \$9.11 SUPERVISION AND MANAGEMENT \$18.76 \$18.76 OTHER EXPENSES \$76.02 \$76.02 SUBTOTAL 0.43 HR \$76.55 \$26.68 \$9.11 \$112.34 TOTAL OPERATING EXPENSES 4.13 HR \$247.90 \$53.54 \$25.62 \$8.58 \$26.97 \$362.61 NET OPERATING PROFIT (\$54.61) INTEREST ON OPERATING CAPITAL \$87.22 @ 7.50% \$6.54 INTEREST ON EQUIPMENT INVESTMENT \$11.24 RETURN TO LAND AND RISK (\$72.39) *Pump water costs are shown under irrigation in the preharvest operation section.

Tump water costs are shown under impation in	BUDGET S		
GROSS RETURN		\$308.00	
VARIABLE OPERATING EXPENSES	\$282.09		
RETURN OVER VARIABLE EXPENSES		\$25.91	(GROSS MARGIN)
FIXED EXPENSES	\$26.97		
NET FARM INCOME		(\$1.06)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$53.54		
NET OPERATING PROFIT		(\$54.61)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$17.78		
PETLIPNITO LAND AND PISK		(\$72.30)	

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 2010.
Planting Dates: January 1 - February 1
Harvest Dates: May 1 - May 31

ITEM	PRICE	YIELD						TOTA
GROSS RETURNS SPRING LETTUCE	\$5.91	475 CAR1	ONS					\$2,807.25
TOTAL								\$2,807.25
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED	\$145.00	4 LBS	\$580.00					\$580.00
NITROGEN (N)	\$0.58	250 LBS	\$145.00					\$145.0
PHOSPHATE (P205)	\$0.51	175 LBS	\$89.25					\$89.2
INSECTICIDE	\$37.03	3 X/AC						\$111.0
PUMP WATER* CANAL WATER		16 AC. II 14 AC. II						\$75.0
SUBTOTAL		14 7.0.11						
SORIOTAL			\$1,000.34					\$1,000.3
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMEN RATE	T PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC	140 HP	0.14 HR		\$1.02	\$2.74	\$1.13	\$1.61	\$6.4
CHISEL	140 HP	0.20 HR		\$1.45	\$3.91	\$1.28	\$2.47	\$9.1
PLOW	140 HP	0.38 HR		\$2.76	\$7.42	\$4.06	\$5.60	\$19.84
DISC (2X)	140 HP	0.28 HR		\$2.03	\$5.47	\$2.26	\$3.23	\$12.9
LASER PLANE (CUSTOM)			\$73.33					\$73.3
FERTILIZE DISC	140 HP	0.05 HR 0.14 HR		\$0.36 \$1.02	\$0.98 \$2.74	\$0.22 \$1.13	\$0.47 \$1.61	\$2.0
LISTER	140 HP 140 HP	0.14 HR 0.18 HR		\$1.02	\$3.52	\$1.13	\$2.37	\$6.4 \$8.3
PRE-IRRIGATE	140111	0.75 HR		\$5.44	\$0.02	\$0.00	\$2.42	\$7.8
ROLLING CULT	40 HP	0.21 HR		\$1.52	\$1.96	\$0.75	\$0.52	\$4.7
VEG-PLANT SHAPER	140 HP	0.26 HR		\$1.89	\$5.08	\$1.32	\$4.53	\$12.8
CULT & SIDEDRESS (2X)	140 HP	0.66 HR		\$4.79	\$12.89	\$4.71	\$7.69	\$30.0
ROLLING CULT (3X) THIN & HOE (CUSTOM)	40 HP	0.21 HR	\$120.00	\$1.52	\$1.96	\$0.75	\$0.52	\$4.70 \$120.00
DUSTER (CUSTOM)			\$5.00					\$5.0
ROTO BUCK (8X)	40 HP	0.12 HR	****	\$0.87	\$1.12	\$0.13	\$0.84	\$2.9
IRRIGATE (8X)		4.00 HR		\$29.00	\$0.13	\$0.00	\$19.33	\$48.4
SUBTOTAL		7.58 HR	\$198.33	\$54.96	\$49.93	\$18.87	\$53.22	\$375.3
HARVEST OPERATIONS								
HARVEST (CUSTOM)			\$878.75					\$878.7
CARTONS (CUSTOM)			\$403.75					\$403.7
HAUL (CUSTOM)			\$142.50					\$142.5
BROKERAGE (CUSTOM)			\$259.67					\$259.6
SUBTOTAL		0.00 HR	\$1,684.67	\$0.00	\$0.00	\$0.00	\$0.00	\$1,684.67
OVERHEAD EXPENSES								
DOWNTIME		0.71 HR		\$5.13				\$5.1
EMPLOYEE BENEFITS				\$9.89				\$9.8
INSURANCE			\$1.10					\$1.1
LAND TAXES	ITAIT			£404.00			\$9.11	\$9.1
SUPERVISION AND MANAGEM OTHER EXPENSES	ENI		\$76.02	\$164.29				\$164.2 \$76.0
SUBTOTAL		0.71 HR	\$77.11	\$179.32			\$9.11	\$265.5
TOTAL OPERATING EXPENSES		8.29 HR	\$2,960.46	\$234.27	\$49.93	\$18.87	\$62.33	\$3,325.8
NET OPERATING PROFIT								(\$518.6
INTEREST ON OPERATING CA		(\$707.34 @	7.50%)				\$53.05 \$38.05
RETURN TO LAND AND RISK								(\$609.7

BUDGET SUMMARY GROSS RETURN \$2,807.25 VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES \$3,029.26 (\$222.01) (GROSS MARGIN) FIXED EXPENSES

NET FARM INCOME

LABOR AND MANAGEMENT COST

NET OPERATING PROFIT \$62.33 (\$284.34) (RETURN TO CAPITAL, LABOR, LAND & RISK) \$234.27 (RETURN TO CAPITAL, LAND & RISK) (\$518.61) CAPITAL COSTS
RETURN TO LAND AND RISK \$91.10

(\$609.71)

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 2010.

Planting Dates: August 1 - August 15

ITEM	PRICE		YIEL	.D						TOTA
GROSS RETURNS FALL LETTUCE	\$5.78		500	CARTON	S					\$2,890.0
TOTAL										\$2,890.0
					PURCHASED				FIXED	
PURCHASED INPUTS	PRICE		QUAN	TITY	INPUTS				COST	TOTA
SEED	\$1.60		4	LBS	\$6.40					\$6.4
NITROGEN (N)	\$0.58			LBS	\$145.00					\$145.0
PHOSPHATE (P205) HERBICIDE	\$0.51 \$18.55			LBS X/ACRE	\$76.50 \$18.55					\$76.5 \$18.5
INSECTICIDE	\$231.73			X/ACRE	\$231.73					\$231.7
PUMP WATER*				AC. IN.	£40.07					£40.0
CANAL WATER SUBTOTAL			40	AC. IN.	\$46.67					\$46.6
SOBIOTAL					\$524.85					\$524.8
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLI RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC	140 HP		0.14	HR		\$1.02	\$2.74	\$1.13	\$1.61	\$6.4
CHISEL	140 HP		0.20	HR		\$1.45	\$3.91	\$1.28	\$2.47	\$9.1
PLOW	140 HP		0.38			\$2.76	\$7.42	\$4.06	\$5.60	\$19.8
DISC (2X) LASER PLANE (CUSTOM)	140 HP		0.28	HK	\$72.50	\$2.03	\$5.47	\$2.26	\$3.23	\$12.9 \$72.5
FERTILIZE	140 HP		0.05	HR	Ψ12.50	\$0.36	\$0.98	\$0.22	\$0.47	\$2.0
DISC & SPRAY	140 HP		0.17	HR		\$1.23	\$3.32	\$1.56	\$2.63	\$8.7
LISTER	140 HP		0.18			\$1.31	\$3.52	\$1.14	\$2.37	\$8.3
PRE-IRRIGATE ROLLING CULT	40 HP		0.75 0.21			\$5.44 \$1.52	\$0.00 \$1.96	\$0.00 \$0.75	\$0.00 \$0.52	\$5.4 \$4.7
VEG-PLANT SHAPER	140 HP		0.21			\$1.89	\$5.08	\$1.32	\$4.53	\$12.8
CULT & SIDEDRESS (2X)	140 HP		0.66			\$4.79	\$12.89	\$4.71	\$7.69	\$30.0
ROLLING CULT (3X)	40 HP		0.63	HR		\$4.57	\$5.89	\$2.24	\$1.57	\$14.2
THIN & HOE (CUSTOM) DUSTER (CUSTOM)					\$160.00 \$15.00					\$160.0 \$15.0
ROTO BUCK (8X)	40 HP		0.12	HR	ψ15.00	\$0.87	\$1.12	\$0.13	\$0.84	\$2.9
IRRIGATE (8X)			4.00	HR		\$29.00	\$0.00	\$0.00	\$0.00	\$29.0
SUBTOTAL		=	8.03	HR	\$247.50	\$58.22	\$54.30	\$20.79	\$33.54	\$414.3
HARVEST OPERATIONS										
HARVEST (CUSTOM)					\$925.00					\$925.0
CARTONS (CUSTOM)					\$425.00					\$425.0
HAUL (CUSTOM) BROKERAGE (CUSTOM)					\$150.00 \$267.33					\$150.0 \$267.3
		-								
SUBTOTAL OVERHEAD EXPENSES					\$1,767.33					\$1,767.3
DOWNTIME			0.82	ШΒ		\$5.95				\$5.9
EMPLOYEE BENEFITS			0.02	TIIX		\$10.48				\$10.4
INSURANCE					\$1.16					\$1.1
LAND TAXES SUPERVISION AND MANAGEMEN	-					\$68.76			\$9.11	\$9.1
OTHER EXPENSES	ı				\$76.02	\$00.70				\$68.7 \$76.0
SUBTOTAL		-	0.82	HR	\$77.18	\$85.19			\$9.11	\$171.4
FOTAL OPERATING EXPENSES		=	8.85	HR	\$2,616.85	\$143.40	\$54.30	\$20.79	\$42.65	\$2,877.9
NET OPERATING PROFIT										\$12.0
INTEREST ON OPERATING CAPIT INTEREST ON EQUIPMENT INVEST		(\$490.35	@	7.50%)				\$36.7 \$21.3
RETURN TO LAND AND RISK										(\$46.1
*Pump water costs are shown under			tion section. SUMMARY							
GROSS RETURN			\$2,890.00							
VARIABLE OPERATING EXPENSES	\$2.	691.94	ψ <u>ε</u> ,υσυ.υυ							
RETURN OVER VARIABLE EXPENSE	S		\$198.06	(GROS	S MARGIN)					
FIXED EXPENSES	;	\$42.65	@1FF 44	(DETI IF	NITO CADITAL I	ADOD LAND	O & DIGIZA			
NET FARM INCOME LABOR AND MANAGEMENT COST	\$	143.40	\$155.41		RN TO CAPITAL, L					
NET OPERATING PROFIT CAPITAL COSTS RETURN TO LAND AND RISK	:	\$58.16	\$12.01 (\$46.15)	(KETUH	RN TO CAPITAL, L	AND & KISK	J			

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 2010.

Planting Dates: January 1 - January 15

Harvest Dates: July 1 - July 15

Harvest Dates: July 1 - July	15									
ITEM	PRICE		YIEL	.D						TOTA
GROSS RETURNS CORN SILAGE	\$32.00		30.00	TONS						\$960.00
TOTAL										\$960.00
PURCHASED INPUTS	PRICE		QUAN ⁻	TITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED	\$2.81		22	LBS	\$61.88					\$61.88
NITROGEN (N)	\$0.58			LBS	\$174.00					\$174.00
PHOSPHATE (P205)	\$0.51			LBS	\$0.00					\$0.00
ROUNDUP	\$15.00		2	X/ACRE	\$30.00					\$30.00
PUMP WATER*				AC. IN.						
CANAL WATER	00.04		30	AC. IN.	\$83.00					\$83.0
CROP INSURANCE SUBTOTAL	\$2.94				\$2.94 \$351.82				-	\$2.9 \$351.8
	POWER		ACCOMPLI		PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT		RAT	E	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC	140 HP		0.14			\$1.02	\$2.74	\$1.13	\$1.61	\$6.49
CHISEL	140 HP		0.20			\$1.45	\$3.91	\$1.28	\$2.47	\$9.11
FERTILIZE DISC	140 HP 140 HP		0.05 0.17			\$0.36 \$1.23	\$0.98 \$3.32	\$0.22 \$1.56	\$0.47 \$2.63	\$2.02 \$8.74
BORDER DISC	40 HP		0.05			\$0.36	\$0.47	\$0.10	\$1.94	\$2.87
DRILL	140 HP		0.21			\$1.52	\$4.10	\$1.14	\$10.07	\$16.83
IRRIGATE (4X)			2.00	HR		\$14.50	\$0.05	\$0.00	\$8.15	\$22.71
SUBTOTAL		=	2.82	HR		\$20.45	\$15.57	\$5.42	\$27.35	\$68.78
HARVEST OPERATIONS										
CUT AND HAUL (DAIRY OWNED)					\$10.00					\$10.00
SUBTOTAL		-			\$10.00					\$10.00
POSTHARVEST OPERATIONS										
OVERHEAD EXPENSES										
DOWNTIME			0.21	HR		\$1.49				\$1.49
EMPLOYEE BENEFITS						\$3.68				\$3.68
INSURANCE LAND TAXES					\$0.41				\$9.11	\$0.41 \$9.11
SUPERVISION AND MANAGEMENT						\$69.61			φ9.11	\$69.6
OTHER EXPENSES					\$76.02	******				\$76.02
SUBTOTAL		-	0.21	HR	\$76.42	\$74.78			\$9.11	\$160.31
TOTAL OPERATING EXPENSES		-	3.03	HR	\$438.24	\$95.22	\$15.57	\$5.42	\$36.46	\$590.90
NET OPERATING PROFIT										\$369.10
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMEN	NT	(\$181.99	@	7.50%)				\$13.65 \$17.82
RETURN TO LAND AND RISK										\$337.63
		h 4	4:							,
*Pump water costs are shown under irrigate	tion in the pre		SUMMARY							
GROSS RETURN			\$960.00							
VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES		\$459.22	\$500.78	(GROS	S MARGIN)					
FIXED EXPENSES NET FARM INCOME		\$36.46	\$464.32		RN TO CAPITAL, I	ABOR I AN	D & RISK)			
LABOR AND MANAGEMENT COST		\$95.22	\$369.10	•	RN TO CAPITAL, I		,			
NET OPERATING PROFIT CAPITAL COSTS		\$31.47	*******	((17 10 0/11 11/12, 1		,			

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 2010.

Planting Dates: October 1 - October 15 K03-09-05 Harvesting Dates: June 1 - July 15 YIELD ITEM PRICE TOTAL GROSS RETURNS FALL ONIONS \$6.81 1.200.00 SACKS \$8,172.00 TOTAL \$8,172.00 PURCHASED FIXED PURCHASED INPUTS PRICE QUANTITY TOTAL \$70.00 6 LBS \$420.00 \$420.00 NITROGEN (N) \$0.58 600 LBS \$348.00 \$348.00 PHOSPHATE (P2O5) \$127.50 \$127.50 \$0.51 250 LBS HERRICIDE \$22.23 2 X/ACRE \$44.47 \$44.47 INSECTICIDE 2 X/ACRE \$151.65 \$151.65 \$75.83 6 AC. IN. 50 AC. IN. PUMP WATER CANAL WATER \$109.67 \$109.67 SUBTOTAL \$1,201.29 \$1,201.29 ACCOMPLISHMENT POWER PURCHASED FUEL & FIXED REPAIRS PREHARVEST OPERATIONS LABOR RATE LUBE TOTAL 140 HP 0.14 HR \$1.02 \$1.45 \$2.74 \$1.13 \$1.61 \$6.49 CHISEL 140 HP 0.20 HR \$3.91 \$1.28 \$2.47 \$9.11 PLOW DISC (2X) 140 HP 0.38 HR 0.28 HR \$2.76 \$19.84 \$5.47 140 HP \$2.03 \$2.26 \$3.23 \$12.99 LASER PLANE (CUSTOM) \$73.33 \$73.33 140 HP 0.05 HR \$0.36 \$0.47 **FERTILIZE** \$0.98 \$0.22 \$2.02 DISC & SPRAY \$1.23 \$2.63 LISTER 140 HP 0.18 HR \$1.31 \$3.52 \$1 14 \$2.37 \$8.33 PRE-IRRIGATE 0.75 HR \$5.44 \$0.58 \$0.00 \$0.00 \$6.02 ROD WEEDER 40 HP 0.08 HR \$0.58 \$0.75 \$0.15 \$1.58 \$3.05 ROLLING CULT 0.21 HR 40 HP \$1.52 \$1.96 \$0.75 \$0.52 \$4.76 VEG PLANT-SHAPER CULT & SIDEDRESS (4X) 140 HP 0.26 HR \$1.89 \$5.08 \$1.32 \$4.53 \$15.38 \$12.81 140 HP 1.32 HR \$9.57 \$25.79 \$60.15 \$9.41 ROLLING CULT (2X) 0.42 HR \$3.05 \$3.93 \$9.52 THIN & HOE (CUSTOM) \$120.00 \$120.00 ROTO BUCK (9X) 40 HP 0.14 HR IRRIGATE (13X) \$47.13 6.50 HR \$0.05 \$0.00 \$7.57 \$54.75 11.08 HR \$193.33 \$80.29 \$66.17 \$50.54 \$415.25 SUBTOTAL \$24.91 HARVEST OPERATIONS ONION KNIVES 80 HP 0.27 HR \$5.27 \$12.97 \$1.96 \$1.43 \$4.31 HARVEST & HAUL (CUSTOM) \$1,320,00 \$1,320,00 BAG RENTAL \$120.00 \$120.00 FIELD LOAD (CUSTOM) \$0.00 \$0.00 PROCESSING (CUSTOM) \$2,280,00 \$2,280,00 \$480.00 \$480.00 BROKERAGE (CUSTOM) \$735.48 \$735.48 SUBTOTAL 0.27 HR \$4 935 48 \$1.96 \$5.27 \$4.31 \$4.948.45 \$1.43 OVERHEAD EXPENSES DOWNTIME 1.02 HR \$7.42 \$7.42 EMPLOYEE BENEFITS INSURANCE \$14.45 \$1.61 \$14.45 \$1.61 I AND TAXES \$9.11 \$9.11 SUPERVISION AND MANAGEMENT \$198.93 \$198.93 OTHER EXPENSES \$76.02 1.02 HR \$77.62 \$220.81 \$307.54 TOTAL OPERATING EXPENSES 12.37 HR \$6,407.72 \$303.06 \$6,872.53 \$26.34 \$63.97 NET OPERATING PROFIT \$1,299,47 INTEREST ON OPERATING CAPITAL (\$1,083.04 @ 7.50%) \$81.23 INTEREST ON EQUIPMENT INVESTMENT \$34.76 RETURN TO LAND AND RISK \$1,183.48 *Pump water costs are shown under irrigation in the preharvest operation section. **BUDGET SUMMARY** GROSS RETURN \$8,172.00 VARIABLE OPERATING EXPENSES \$6,505.51 RETURN OVER VARIABLE EXPENSES FIXED EXPENSES \$1,666.49 (GROSS MARGIN) \$63.97 NET FARM INCOME LABOR AND MANAGEMENT COST \$1.602.53 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$303.06 NET OPERATING PROFIT (RETURN TO CAPITAL, LAND & RISK) CAPITAL COSTS \$115.99 RETURN TO LAND AND RISK \$1,183.48

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 2010.

Planting Dates: January 1 - January 31

ITEM	PRICE		YIELI	D						TOT
GROSS RETURNS MIDSEASON YELLOWS	\$7.98		675.00	SACKS						\$5,386.5
TOTAL										\$5,386.5
					PURCHASED				FIXED	
PURCHASED INPUTS	PRICE		QUANT	TTY	INPUTS				COST	TOT
SEED NITROGEN (NI)	\$180.00			LBS	\$720.00					\$720.0
NITROGEN (N) PHOSPHATE (P205)	\$0.58 \$0.51		450 180		\$261.00 \$91.80					\$261.0 \$91.8
HERBICIDE	\$64.72			X/ACRE	\$64.72					\$64.7
INSECTICIDE	\$75.87			X/ACRE	\$75.87					\$75.8
PUMP WATER* CANAL WATER				AC. IN. AC. IN.	\$99.00					\$99.0
SUBTOTAL					\$1,312.38					\$1,312.3
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLIS RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	тот
DISC	140 HP		0.14	HR		\$1.02	\$2.74	\$1.13	\$1.61	\$6.4
CHISEL	140 HP		0.20			\$1.45	\$3.91	\$1.28	\$2.47	\$9.1
PLOW	140 HP		0.38			\$2.76	\$7.42	\$4.06	\$5.60	\$19.8
DISC (2X)	140 HP		0.28	HR	\$72.22	\$2.03	\$5.47	\$2.26	\$3.23	\$12.
LASER PLANE (CUSTOM) FERTILIZE	140 HP		0.05	HR	\$73.33	\$0.36	\$0.98	\$0.22	\$0.47	\$73. \$2.
DISC & SPRAY	140 HP		0.17			\$1.23	\$3.32	\$1.56	\$2.63	\$8.
LISTER	140 HP		0.18			\$1.31	\$3.52	\$1.14	\$2.37	\$8.
PRE-IRRIGATE ROD WEEDER	40 HP		0.75 0.08			\$5.44 \$0.58	\$0.00 \$0.75	\$0.00 \$0.15	\$0.68 \$1.58	\$6. \$3.
ROLLING CULT	40 HP		0.00			\$1.52	\$1.96	\$0.75	\$0.22	\$4.
VEG PLANT-SHAPER	140 HP		0.26			\$1.89	\$5.08	\$1.32	\$4.53	\$12.
CULT & SIDEDRESS (3X)	140 HP		0.99			\$7.18	\$19.34	\$7.06	\$11.54	\$45.
ROLLING CULT (2X) HOE (CUSTOM)	40 HP		0.42	пк	\$120.00	\$3.05	\$3.93	\$1.49	\$1.05	\$9. \$120.
ROTO BUCK (9X) IRRIGATE (11X)	40 HP		0.14 5.50		¥ ·=•·••	\$0.98 \$39.88	\$1.26 \$0.05	\$0.15 \$0.00	\$0.94 \$7.48	\$3. \$47.
					\$400.00					
SUBTOTAL			9.75	нк	\$193.33	\$70.65	\$59.73	\$22.56	\$46.39	\$392.0
IARVEST OPERATIONS										
ONION KNIVES	140 HP		0.27	HR		\$1.96	\$5.27	\$1.43	\$4.31	\$12.
HARVEST & HAUL (CUSTOM) BAG RENTAL					\$742.50 \$67.50					\$742. \$67.
FIELD LOAD					\$0.00					\$0.0
PROCESSING					\$1,282.50					\$1,282.
CONTAINER CHARGE BROKERAGE (CUSTOM)					\$270.00 \$484.79					\$270. \$484.
SUBTOTAL		•	0.27	HR	\$2,847.29	\$1.96	\$5.27	\$1.43	\$4.31	\$2,860.
OVERHEAD EXPENSES										
DOWNTIME			0.40	HR		\$2.88				\$2.
EMPLOYEE BENEFITS						\$13.07				\$13.
INSURANCE					\$1.45				•••	\$1.
LAND TAXES SUPERVISION AND MANAGEMENT						\$203.94			\$9.11	\$9. \$203.
OTHER EXPENSES					\$76.02	*				\$76.
SUBTOTAL		•	0.40	HR	\$77.47	\$219.90			\$9.11	\$306.
OTAL OPERATING EXPENSES		,	10.41	HR	\$4,430.47	\$292.50	\$65.00	\$23.98	\$59.81	\$4,871.
IET OPERATING PROFIT										\$514.
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTI		(\$962.37	@	7.50%)				\$72. \$32.
ETURN TO LAND AND RISK										\$409.
										\$409.
*Pump water costs are shown under irr	igation in the pre		SUMMARY							
GROSS RETURN			\$5,386.50							
VARIABLE OPERATING EXPENSES		\$4,519.45		/OF = -	0.1445.000					
ETURN OVER VARIABLE EXPENSES FIXED EXPENSES		\$59.81	\$867.05	(GROS	S MARGIN)					
IET FARM INCOME		ψ33.01	\$807.23	(RETU	RN TO CAPITAL,	LABOR, LAI	ND & RISK)			
				_			,			
LABOR AND MANAGEMENT COST		\$292.50								
LABOR AND MANAGEMENT COST ET OPERATING PROFIT CAPITAL COSTS		\$292.50 \$105.06	\$514.73	(RETU	RN TO CAPITAL,	, LAND & RIS	SK)			

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 2010.

Planting Dates: January 15 - February 15
Harvest Dates: August 1 - August 15

ITEM	PRICE		YIEL	D						TOTA
GROSS RETURNS										
SWEET SPANISH	\$7.15		825.00	SACKS						\$5,898.75
TOTAL										\$5,898.75
PURCHASED INPUTS	PRICE		QUAN	ПТҮ	PURCHASED INPUTS				FIXED COST	TOTA
SEED	\$180.00		4	LBS	\$720.00					\$720.00
NITROGEN (N)	\$0.58			LBS	\$261.00					\$261.00
PHOSPHATE (P2O5) HERBICIDE	\$0.51 \$64.72			LBS X/ACRE	\$91.80 \$64.72					\$91.80 \$64.72
INSECTICIDE	\$75.79			X/ACRE	\$75.79					\$75.79
PUMP WATER*				AC. IN.						
CANAL WATER			50	AC. IN.	\$109.67					\$109.67
SUBTOTAL					\$1,322.97					\$1,322.97
	POWER		ACCOMPLI	SHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT		RAT	E	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC	140 HP		0.14			\$1.02	\$2.74	\$1.13	\$1.61	\$6.49
CHISEL	140 HP		0.20			\$1.45	\$3.91	\$1.28	\$2.47	\$9.11
PLOW DISC (2X)	140 HP 140 HP		0.38 0.28			\$2.76 \$2.03	\$7.42 \$5.47	\$4.06 \$2.26	\$5.60 \$3.23	\$19.84 \$12.99
LASER PLANE (CUSTOM)	140111		0.20	TIIX	\$73.33	Ψ2.03	ψ3.47	Ψ2.20	ψ0.20	\$73.33
FERTILIZE	140 HP		0.05	HR		\$0.36	\$0.98	\$0.22	\$0.47	\$2.02
DISC & SPRAY	140 HP		0.17			\$1.23	\$3.32	\$1.56	\$2.63	\$8.74
LISTER	140 HP		0.18			\$1.31	\$3.52	\$1.14	\$2.37	\$8.33
PRE-IRRIGATE ROD WEEDER	40 HP		0.75 0.08			\$5.44 \$0.58	\$0.00 \$0.75	\$0.00 \$0.15	\$0.58 \$1.58	\$6.02 \$3.05
ROLLING CULT	40 HP		0.21			\$1.52	\$1.96	\$0.75	\$0.52	\$4.76
VEG PLANT-SHAPER	140 HP		0.26			\$1.89	\$5.08	\$1.32	\$4.53	\$12.81
CULT & SIDEDRESS (3X)	140 HP		0.99			\$7.18	\$19.34	\$7.06	\$11.54	\$45.12
ROLLING CULT (2X)	40 HP		0.42	HR	\$120.00	\$3.05	\$3.93	\$1.49	\$1.05	\$9.52 \$120.00
THIN & HOE (CUSTOM) ROTO BUCK (9X)	40 HP		0.14	HR	\$120.00	\$0.98	\$1.26	\$0.15	\$0.94	\$120.00
IRRIGATE (13X)			6.50			\$47.13	\$0.05	\$0.00	\$7.57	\$54.75
SUBTOTAL		-	10.75	HR	\$193.33	\$77.90	\$59.73	\$22.56	\$46.70	\$400.22
HARVEST OPERATIONS										
ONION KNIVES	140 HP		0.27	HR		\$1.96	\$5.27	\$1.43	\$4.31	\$12.97
HARVEST & HAUL (CUSTOM)					\$907.50					\$907.50
BAG RENTAL					\$82.50					\$82.50
FIELD LOAD PROCESSING					\$0.00 \$1,567.50					\$0.00 \$1,567.50
CONTAINER CHARGE					\$330.00					\$330.00
BROKERAGE (CUSTOM)					\$530.89					\$530.89
SUBTOTAL		_	0.27	HR	\$3,418.39	\$1.96	\$5.27	\$1.43	\$4.31	\$3,431.36
OVERHEAD EXPENSES										
DOWNTIME			0.62	HR		\$4.51				\$4.51
EMPLOYEE BENEFITS						\$14.37				\$14.37
INSURANCE					\$1.60				00.44	\$1.60
LAND TAXES SUPERVISION AND MANAGEMENT	-					\$208.97			\$9.11	\$9.11 \$208.97
OTHER EXPENSES					\$76.02	Ψ200.57				\$76.02
SUBTOTAL		-	0.62	HR	\$77.61	\$227.85			\$9.11	\$314.58
TOTAL OPERATING EXPENSES		_	11.64	HR	\$5,012.30	\$307.71	\$65.00	\$23.98	\$60.12	\$5,469.12
NET OPERATING PROFIT										\$429.63
INTEREST ON OPERATING CAPITA INTEREST ON EQUIPMENT INVEST		(\$1,015.26	@	7.50%)				\$76.14 \$32.88
										\$320.60

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

GROSS RETURN		\$5,898.75	
VARIABLE OPERATING EXPENSES	\$5,101.29		
RETURN OVER VARIABLE EXPENSES		\$797.46	(GROSS MARGIN)
FIXED EXPENSES	\$60.12		
NET FARM INCOME		\$737.34	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$307.71		
NET OPERATING PROFIT		\$429.63	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$109.02		
RETURN TO LAND AND RISK		\$320.60	

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 2010.
Planting Dates: March 15 - April 10

Planting Dates: N Harvest Dates: A	larch 15 - April 10 ugust 15 - November 30				
ITEM	PRICE	YIELD			TOTAL
GROSS RETURNS GREEN RED	\$475.00 \$0.00	11.00 TONS 0.00 LBS		\$5	5,225.00 \$0.00
TOTAL				\$5	,225.00
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED NITROGEN (N) PHOSPHATE (P205) HERBICIDE INSECTICIDE NEMATICIDE (CUSTOM) CROP INSURANCE PUMP WATER* CANAL WATER	\$35.00 \$0.58 \$0.51 \$74.10 \$46.16 \$45.54	5 LBS 300 LBS 70 LBS 1 X/ACR 1 X/ACR 1 X/ACR 600 DOLLA 0 AC. IN. 55 AC. IN.	E \$46.16 E \$45.54					\$175.00 \$174.00 \$35.70 \$74.10 \$46.16 \$45.54 \$40.00
		55 AC. IN.						
SUBTOTAL			\$706.83					\$706.83
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP	0.14 HR		\$1.02	\$2.74	\$1.13	\$1.61	\$6.49
CHISEL PLOW	140 HP 140 HP	0.20 HR 0.38 HR		\$1.45 \$2.76	\$3.91 \$7.42	\$1.28 \$4.06	\$2.47 \$5.60	\$9.11 \$19.84
DISC (2X)	140 HP	0.28 HR		\$2.70	\$5.47	\$2.26	\$3.23	\$12.99
LASER PLANE (CUSTOM)			\$73.33	•			•	\$73.33
FERTILIZE	140 HP	0.05 HR		\$0.36	\$0.98	\$0.22	\$0.47	\$2.02
DISC & SPRAY	140 HP	0.17 HR		\$1.23	\$3.32	\$1.56	\$2.63	\$8.74
LISTER PRE-IRRIGATE	140 HP	0.18 HR 0.75 HR		\$1.31 \$5.44	\$3.52 \$0.00	\$1.14 \$0.00	\$2.37 \$0.00	\$8.33 \$5.44
ROLLING CULT	40 HP	0.75 HR 0.21 HR		\$1.52	\$1.96	\$0.75	\$0.52	\$4.76
VEG PLANT-SHAPER	140 HP	0.26 HR		\$1.89	\$5.08	\$1.32	\$4.53	\$12.81
ROLLING CULT (2X)	40 HP	0.42 HR		\$3.05	\$3.93	\$1.49	\$1.05	\$9.52
CULTIVATOR (3X)	40 HP	0.63 HR		\$4.57	\$5.89	\$2.24	\$1.57	\$14.27
CULT & SIDEDRESS (2X)	140 HP	0.66 HR		\$4.79	\$12.89	\$4.71	\$7.69	\$30.08
THINNING (CUSTOM) HOEING (CUSTOM)			\$70.00 \$80.00					\$70.00 \$80.00
ROTO BUCK (7X)	40 HP	0.11 HR	\$80.00	\$0.76	\$0.98	\$0.12	\$0.73	\$2.59
IRRIGATE (10X)	40111	5.00 HR		\$36.25	\$0.00	\$0.00	\$0.00	\$36.25
SUBTOTAL		9.44 HR	\$223.33	\$68.40	\$58.09	\$22.27	\$34.48	\$406.57
HARVEST OPERATIONS								
HARVEST GREEN (CUSTOM) HARVEST RED (CUSTOM) HAUL (TRAILER) (3X)	40 HP	2.40 HR	\$990.00 \$0.00	\$17.40	\$22.44	\$2.66	\$14.06	\$990.00 \$0.00 \$56.55
FORK LIFT (3X)	RENTAL	1.05 HR	\$10.00	\$7.61	ΨLL	Ψ2.00	ψ11.00	\$17.61
HAUL (CUSTOM)			\$137.50					\$137.50
SUBTOTAL		3.45 HR	\$1,137.50	\$25.01	\$22.44	\$2.66	\$14.06	\$1,201.67
POSTHARVEST OPERATIONS								
SHREDDER	40 HP	0.29 HR		\$2.10	\$2.71	\$0.37	\$1.08	\$6.27
OVERHEAD EXPENSES								
DOWNTIME		1.86 HR		\$13.46				\$13.46
EMPLOYEE BENEFITS				\$17.19				\$17.19
INSURANCE			\$1.91					\$1.91
LAND TAXES	ENT			0454.05			\$9.11	\$9.11
SUPERVISION AND MANAGEMI OTHER EXPENSES	EINT		\$76.02	\$154.25				\$154.25 \$76.02
SUBTOTAL		1.86 HR	\$77.93	\$184.90			\$9.11	\$271.94
TOTAL OPERATING EXPENSES		15.03 HR	\$2,145.59	\$280.42	\$83.24	\$25.29	\$58.73	\$2,593.27
NET OPERATING PROFIT								\$2,631.73
INTEREST ON OPERATING CAP INTEREST ON EQUIPMENT INV		(\$526.48 @	7.50%)				\$39.49 \$29.35
RETURN TO LAND AND RISK								\$2,562.90

*Pump water costs are shown under irrigation in t		ation section. SUMMARY	
GROSS RETURN		\$5,225.00	
VARIABLE OPERATING EXPENSES	\$2,254.12		
RETURN OVER VARIABLE EXPENSES		\$2,970.88	(GROSS MARGIN)
FIXED EXPENSES	\$58.73		
NET FARM INCOME		\$2,912.15	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$280.42		
NET OPERATING PROFIT		\$2,631.73	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$68.83		
RETURN TO LAND AND RISK		\$2,562.90	

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 2010.

Planting Dates: March 15 - April 10
Harvest Dates: August 15 - November 30

TOTAL	YIELD	PRICE	ITEM
\$3,500.00	3,500.00 LBS	\$1.00	GROSS RETURNS RED
\$3,500,00			TOTAL

SEEDCE N	PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
NITEGEN (N) \$0.58 250 LBS \$145.00 \$145.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00 \$345.00	•							5001	
PHOSPHATE (P205) S0.51									
HERBICIDE									
NSECTICIDE \$46.16 1 X/ACRE \$46.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.16 546.									
Nematicide (Custom)									
CROP INSURANCE 0 AC. IN. S123.00 S123.									
PUMP WATER		4.0.0							
SUBTOTAL S784.40 S784.40 S784.40 S784.40 S784.40 S784.40 S784.40 S784.40 S888.40 S88									
PREHARVEST OPERATIONS	CANAL WATER		60 AC. IN.	\$123.00					\$123.00
DISC	SUBTOTAL			\$784.40					\$784.40
DISC		DOWED	ACCOMPLICITATION	DUDCHACED		FUEL 0		FIVED	
CHISEL 140 HP 0.20 HR \$1.45 \$3.91 \$1.28 \$2.47 \$5.11	PREHARVEST OPERATIONS				LABOR		REPAIRS		TOTAL
CHISEL 140HP 0.20 HR \$1.46 \$3.91 \$1.28 \$2.47 \$9.11 PLOW 140HP 0.38 HR \$2.76 \$7.42 \$4.06 \$5.00 \$5.00 \$19.84 DISC (ZX) 140HP 0.28 HR \$2.76 \$7.42 \$4.06 \$5.00 \$5.10 \$19.84 DISC (ZX) \$2.01 \$4.04 PP 0.28 HR \$2.76 \$3.20 \$5.47 \$2.26 \$3.23 \$12.99 \$1.45 EP PLANE (CUSTOM) \$7.33 \$2.03 \$5.47 \$2.26 \$3.23 \$12.99 \$1.45 EP PLANE (CUSTOM) \$7.33 \$2.03 \$5.47 \$2.26 \$3.23 \$12.99 \$1.45 EP PLANE (CUSTOM) \$7.33 \$2.03 \$5.47 \$2.26 \$3.23 \$12.99 \$1.45 EP PLANE (CUSTOM) \$7.33 \$1.28 \$1.29 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20 \$1.20	DISC	140 HP	0.14 HR		\$1.02	\$2.74	\$1 13	\$1.61	\$6.49
PLOW 140 HP 0.38 HR \$2.76 \$7.42 \$4.06 \$5.08 \$19.84 DISC (ZX) 140 HP 0.28 HR \$2.03 \$5.47 \$2.26 \$3.23 \$19.84 DISC (ZX) 140 HP 0.26 HR \$73.33 \$5.47 \$2.26 \$3.23 \$19.84 S73.33 \$73.35 \$73.35 \$73.32 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35 \$73.35									
DISC (ZX)									
STRAIL CLISTOM									
FERTILIZE				\$73.33					\$73.33
LISTER 140 HP 0.18 HR \$13.31 \$3.52 \$1.14 \$2.37 \$8.33 PRE-IRRIGATE 0.75 HR \$5.44 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.52 \$4.76 \$3.65 \$3.12 \$4.53 \$12.84 \$4.53 \$12.84 \$4.57 \$3.93 \$1.49 \$1.05 \$9.52 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.0		140 HP	0.05 HR		\$0.36	\$0.98	\$0.22	\$0.47	\$2.02
PRE-IRRIGATE 0.75 HR \$5.44 \$0.00 \$0.00 \$0.00 \$5.44 POLLING CULT 40 HP 0.21 HR \$1.52 \$1.96 \$0.75 \$0.52 \$4.76 VEG PLANT-SHAPER 140 HP 0.26 HR \$1.89 \$5.08 \$1.32 \$4.53 \$12.51 VEG PLANT-SHAPER 140 HP 0.42 HR \$1.89 \$5.08 \$1.32 \$4.53 \$12.51 VEG PLANT-SHAPER 140 HP 0.42 HR \$1.89 \$5.08 \$1.32 \$4.53 \$12.51 VEG PLANT-SHAPER 140 HP 0.63 HR \$4.57 \$5.89 \$2.24 \$1.57 \$14.27 CULT (2X)	DISC & SPRAY	140 HP	0.17 HR		\$1.23	\$3.32	\$1.56	\$2.63	\$8.74
ROLLING CULT		140 HP							\$8.33
VEG PLANT-SHAPER 140 HP 0.26 HR \$1.89 \$5.08 \$1.32 \$4.53 \$12.81									\$5.44
ROLLING CULT (2X)									
CULTVATOR (3X) 40 HP 0.63 HR \$4.57\$ \$5.89 \$2.24 \$1.57\$ \$14.27 CULT & SIDEDRESS (2X) 140 HP 0.66 HR \$70.00 \$70.00 \$70.00 PLOTEN (CUSTOM) \$70.00 \$80.00 \$70.00 PLOTEN (CUSTOM) \$80.00 \$70.00 PLOTEN (CUSTOM) \$80.00 PLOTEN (CUSTOM) \$80									
CULT'S SIDEDRESS (2X) 140 HP									
THINNING (CUSTOM)									
HOEING (CUSTOM) SOLOR SO		140 HP	0.66 HR		\$4.79	\$12.89	\$4.71	\$7.69	
ROTO BUCK (7X)									
RRIGATE (11'X) 5.50 HR \$39.88 \$0.00 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$39.88 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		10.115	0.44 UD	\$80.00	00.70	60.00	00.40	00.70	
HARVEST (CUSTOM)		40 HP							\$2.59 \$39.88
HARVEST (CUSTOM)	SUBTOTAL		9.94 HR	\$223.33	\$72.03	\$58.09	\$22.27	\$34.48	\$410.20
HAUL (TRÂILER) (3X)	HARVEST OPERATIONS								
HAUL (TRÂILER) (3X)	HARVEST (CUSTOM)			\$700.00					\$700.00
FORK LIFT (3X) RENTAL 0.30 HR \$10.00 \$2.18 \$12.18 HAUL (CUSTOM) \$105.00 \$2.18 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00 \$105.00		40 HP	0.80 HR	\$7.00.00	\$5.80	\$7.48	\$0.89	\$4.69	
HAUL (CUSTOM) \$105.00 \$105.00 \$105.00				\$10.00		ψ1.10	ψ0.00	ψ 1.00	
POSTHARVEST OPERATIONS SHREDDER					* =				\$105.00
POSTHARVEST OPERATIONS SHREDDER			1.10 HR		\$7.98	\$7.48	\$0.89	\$4.69	
SHREDDER									
OVERHEAD EXPENSES DOWNTIME 1.27 HR \$9.20 \$9.20 EMPLOYEE BENEFITS \$14.78 \$14.78 INSURANCE \$1.64 \$1.64 \$1.64 LAND TAXES \$9.11 \$9.11 \$9.11 \$9.11 SUPERVISION AND MANAGEMENT \$156.46 \$156.46 \$166.46 OTHER EXPENSES \$76.02 \$76.02 \$76.02 SUBTOTAL \$1.27 HR \$77.66 \$180.44 \$9.11 \$267.21 TOTAL OPERATING EXPENSES \$1.900.39 \$262.55 \$68.28 \$23.52 \$49.36 \$2,304.09 NET OPERATING PROFIT \$1.195.91 \$1.195.91 \$1.195.91 \$40.27 INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT \$536.99 \$7.50%) \$40.27		40.110	0.00 UD		00.40	eo 74	60.07	04.00	60.07
DOWNTIME 1.27 HR \$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20 \$\$9.20		40 HP	0.29 FR		\$2.10	\$2.71	\$0.37	\$1.08	\$0.27
EMPLOYEE BENEFITS \$14.78 \$14.78 INSURANCE \$1.64 \$1.64 LAND TAXES \$9.11 \$9.11 SUPERVISION AND MANAGEMENT \$156.46 \$156.46 OTHER EXPENSES \$76.02 \$76.02 SUBTOTAL \$1.27 HR \$77.66 \$180.44 \$9.11 \$267.21 TOTAL OPERATING EXPENSES \$1.259 HR \$1,900.39 \$262.55 \$68.28 \$23.52 \$49.36 \$2,304.09 NET OPERATING PROFIT \$1.195.91 \$40.27 \$40.27 \$1.195.91 INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT \$536.99 \$7.50%) \$40.27									
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OTHER EXPENSES \$76.02 \$76.02 \$76.02 SUBTOTAL 1.27 HR \$77.66 \$180.44 \$9.11 \$267.21 TOTAL OPERATING EXPENSES 12.59 HR \$1,900.39 \$262.55 \$68.28 \$23.52 \$49.36 \$2,304.09 NET OPERATING PROFIT \$1,195.91 \$1,195.91 \$40.27 \$40.27 \$40.27 \$40.27 \$25.11 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27		NT.			0450.40			\$9.11	
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TOTAL OPERATING EXPENSES 12.59 HR \$1,900.39 \$262.55 \$68.28 \$23.52 \$49.36 \$2,304.09 NET OPERATING PROFIT \$1,195.91 \$1,195.91 \$40.27 \$40.27 \$40.27 \$25.11 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27 \$40.27			1 27 HR		\$180.44			\$Q 11	
NET OPERATING PROFIT INTEREST ON OPERATING CAPITAL (\$536.99 @ 7.50%) \$40.27 INTEREST ON EQUIPMENT INVESTMENT \$25.11						\$69.29	\$23.52	·	
INTEREST ON OPERATING CAPITAL (\$536.99 @ 7.50%) \$40.27 INTEREST ON EQUIPMENT INVESTMENT \$25.11			12.05 1110	ψ1,300.39	ψευε.υυ	ψ00.20	Ψ20.02	ψ -1 3.00	
INTEREST ON EQUIPMENT INVESTMENT \$25.11		TAL	/ \$536.00 @	7 500/	,				
RETURN TO LAND AND RISK \$1,130.53			(ಫುಎಂ.ಆಆ ಆ	7.50%	,				\$40.27 \$25.11
	RETURN TO LAND AND RISK								\$1,130.53

BUDGET SUMMARY

\$3,500.00

\$1,130.53

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 \$1,992.19 \$1,507.81 (GROSS MARGIN) \$49.36 \$1,458.45 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$262.55 \$1,195.91 (RETURN TO CAPITAL, LAND & RISK) \$65.38

Table 19. Summary of per acre costs and returns for a 500 acre farm with above average management, Dona Ana and Sierra Counties, Projected 2010.

	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		8.00 \$140.00	750.00 \$1.00	1,000.00 \$0.80		475.00 \$5.91	500.00 \$5.78	30.00 \$32.00	1,200.00 \$6.81		825.00 \$7.15		,
GOVERNMENT PAYMENTS		\$0.00	\$0.00	\$143.55		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		
SECOND INCOME		\$0.00	\$84.00	\$112.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		
GROSS RETURN		\$1,120.00	\$834.00	\$1,055.55	\$308.00	\$2,807.25	\$2,890.00	\$960.00	\$8,172.00	\$5,386.50	\$5,898.75	\$5,225.00	\$3,500.00
CASH OPERATING EXPENSES													7
SEED	\$93.75		\$28.50	\$53.75		\$580.00	\$6.40	\$61.88	\$420.00		\$720.00		
FERTILIZER	\$45.90	\$66.20	\$95.10	\$95.10		\$234.25	\$221.50	\$174.00	\$475.50		\$352.80		
CHEMICALS	\$26.84	\$14.40	\$33.37	\$98.09		\$111.09	\$250.28	\$30.00	\$196.12	\$140.58	\$140.51	\$165.80	
CROP INSURANCE		0.44.00	\$2.94	\$0.34	\$2.94			\$2.94				\$40.00	\$40.00
OTHER PURCHASED INPUTS		\$41.82	607.00	£07.00	£75.00	\$7F.00	£46.67	£02.00	6400.67	\$00.00	£400.67	6446.22	£400.00
CANAL WATER FUEL. OIL & LUBRICANTS-EQUIPMENT	#20.00	\$123.00	\$87.00	\$87.00		\$75.00	\$46.67	\$83.00	\$109.67		\$109.67	\$116.33	
FUEL-IRRIGATION	\$38.88 \$0.05	\$29.30 \$0.00	\$84.76 \$0.00	\$85.33 \$0.00		\$49.79 \$0.14	\$54.30 \$0.00	\$15.51 \$0.05	\$71.40 \$0.05		\$64.95 \$0.05		
REPAIRS	\$0.05 \$13.41	\$6.34	\$29.40	\$29.62		\$0.14 \$18.87	\$20.79	\$0.05 \$5.42	\$26.34		\$23.98	\$25.29	
CUSTOM CHARGES	\$73.33	\$60.80	\$29.40 \$116.03	\$128.30		\$1,883.00	\$20.79	\$5.42 \$10.00	\$26.34 \$5,128.81	\$3,040.62	\$3,611.72		
LAND TAXES	φ10.00	\$9.11	\$116.03	\$9.11	\$9.11	\$1,003.00	\$2,014.63	\$10.00	\$5,126.61		\$3,611.72	\$1,360.63	
OTHER EXPENSES	\$0.43	\$77.00	\$77.23	\$77.24	\$76.55	\$77.11	\$77.18	\$76.42	\$77.62		\$9.11 \$77.61	\$77.93	* -
OTHER EXPENSES	ψυτο	\$77.00	\$11.25	Φ11.2≒	\$10.55	\$77.11	\$11.10	\$10.42	\$11.02	ψιι.⊶ι	\$11.01	\$11.33	\$77.00
TOTAL CASH EXPENSES	\$292.60	\$427.97	\$563.44	\$663.86	\$291.20	\$3,038.36	\$2,701.05	\$468.33	\$6,514.61	\$4,528.56	\$5,110.40	\$2,263.23	\$2,001.29
RETURN OVER CASH EXPENSES	(\$292.60)	\$692.03	\$270.56	\$391.69	\$16.80	(\$231.11)	\$188.95	\$491.67	\$1,657.39	\$857.94	\$788.35	\$2,961.77	\$1,498.71
FIXED EXPENSES	\$42.47	\$155.54	\$102.54	\$102.96	\$17.86	\$53.22	\$33.54	\$27.35	\$54.86	\$50.71	\$51.01	\$49.62	\$40.25
TOTAL EXPENSES	\$335.07	\$583.52	\$665.98	\$766.82	\$309.06	\$3,091.59	\$2,734.59	\$495.68	\$6,569.47	\$4,579.27	\$5,161.41	\$2,312.85	\$2,041.55
NET FARM INCOME	(\$335.07)	\$536.48	\$168.02	\$288.73	(\$1.06)	(\$284.34)	\$155.41	\$464.32	\$1,602.53	\$807.23	\$737.34	\$2,912.15	\$1,458.45
LABOR AND MANAGEMENT COSTS	\$61.17	\$145.21	\$142.65	\$161.67	\$53.54	\$234.27	\$143.40	\$95.22	\$303.06	\$292.50	\$307.71	\$280.42	\$262.55
NET OPERATING PROFIT	(\$396.24)	\$391.27	\$25.37	\$127.05	(\$54.61)	(\$518.61)	\$12.01	\$369.10	\$1,299.47	\$514.73	\$429.63	\$2,631.73	\$1,195.91
CAPITAL COSTS INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT		\$9.48 \$24.91	\$16.47 \$48.61	\$15.12 \$48.83		\$53.05 \$38.05	\$36.78 \$21.38	\$13.65 \$17.82	\$81.23 \$34.76		\$76.14 \$32.88		
TOTAL CAPITAL COSTS	\$0.00	\$34.39	\$65.09	\$63.95	\$17.78	\$91.10	\$58.16	\$31.47	\$115.99	\$105.06	\$109.02	\$68.83	\$65.38
RETURN TO LAND AND RISK	(\$396.24)	\$356.89	(\$39.72)	\$63.11	(\$72.39)	(\$609.71)	(\$46.15)	\$337.63	\$1,183.48	\$409.67	\$320.60	\$2,562.90	\$1,130.53

Table 20. Whole farm budget summary, Dona Ana and Sierra Counties, Projected 2010.

Projected 2010.					
GROSS RETURNS					
ALFALFA HAY	160	ACRES			
CROP	47	4 CD E C	\$179,200		
PIMA COTTON LINT	17	ACRES	\$12,750		
SEED			\$1,428		
COUNTER CYCLICAL PAYMENT			\$0		
UPLAND COTTON	149.00	ACRES			
LINT SEED			\$119,200		
DIRECT PAYMENT			\$16,688 \$0		
COUNTER CYCLICAL PAYMENT			\$21,389		
GRAIN SORGHUM	17	ACRES			
CROP			\$5,236		
DIRECT PAYMENT			\$0 \$0		
COUNTER CYCLICAL PAYMENT SPRING LETTUCE	10	ACRES	\$0		
CROP	10	MONEO	\$28,073		
FALL LETTUCE	50	ACRES			
CROP			\$144,500		
WHEAT	17	ACRES	040.000		
CROP DIRECT PAYMENT			\$16,320 \$0		
FALL ONIONS	20	ACRES	ΨΟ		
CROP			\$163,440		
MIDSEASON YELLOW ONIONS	20	ACRES			
CROP		40050	\$107,730		
SWEET SPANISH ONIONS CROP	20	ACRES	¢117.075		
GREEN CHILE	15	ACRES	\$117,975		
GREEN		7101120	\$78,375		
RED			\$0		
RED CHILE	15	ACRES			
RED			\$52,500		
GROSS RETURN				-	\$1,064,803
					* . , ,
CASH OPERATING EXPENSES					
SEED			\$63,797		
FERTILIZER CHEMICALS			\$73,992 \$48,158		
CROP INSURANCE			\$1,400		
OTHER PURCHASED INPUTS			\$6,691		
CANAL WATER			\$49,848		
FUEL, OIL & LUBRICANTS-EQUIP	MENT		\$30,609		
FUEL-IRRIGATION REPAIRS			\$8 \$10,148		
CUSTOM CHARGES			\$425,387		
LAND TAXES			\$4,645		
OTHER EXPENSES			\$39,376		
TOTAL CASH EXPENSES			-	₽7E 4 0€4	
TOTAL CASH EXPENSES				\$754,061	
RETURN OVER CASH EXPENSES					\$310,742
FIXED EXPENSES			\$35,278		
TOTAL EXPENSES				\$789,338	
TOTAL EXI ENGES				Ψ103,330	
NET FARM INCOME					\$275,465
LABOR AND MANAGEMENT COSTS			\$90,447		
NET OPERATING PROFIT					\$185,018
CAPITAL COSTS					
INTEREST ON OPERATING CAPI INTEREST ON EQUIPMENT INVE			\$12,548 \$16,859		
INTEREST ON EQUIPMENT INVE	STIVICINI		\$10,039		
TOTAL CAPITAL COSTS			=	\$29,407	
DETURN TO LAND AND DICK					C455 040
RETURN TO LAND AND RISK				-	\$155,610
	RETURN		DETURN ON		
LAND VALUE			RETURN ON		
LAIND VALUE	TO RISK*		INVESTMENT**		
\$3,000 /ACRE	\$110,610		10.94%		
\$5,000 /ACRE	\$80,610		6.87%		
\$7.000 /ACRE	\$50,610		5.01%		

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$3,000 /ACRE	\$110,610	10.94%
\$5,000 /ACRE	\$80,610	6.87%
\$7,000 /ACRE	\$50,610	5.01%
\$9,000 /ACRE	\$20,610	3.94%
\$11,000 /ACRE	(\$9,390)	3.25%

^{*} 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)