TABLE 1. Acreage Summary, Dona Ana & Sierra Counties, Projected 2022

BUDGET AREA........DONA ANA AND SIERRA COUNTIES
FARM SIZE......500 ACRES
IRRIGATION TYPE......FLOOD

NUMBER OF CROPS... 12

		WATER	USE
PROGRAM PAYMENT			
PLC PAYMENT 0	LAND USE	AC. IN.	TOTAL
ACREAGE SUMMARY:	(ACRES)	PER ACRE	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 W	ATER RIGHTS		3.97

^{*} DOUBLE-CROPPED

TABLE 2. Basic cost information for Dona Ana and Sierra Counties, Projected 2022

Item

Labor Wage Rate:				
Equipment operators		\$/hour		\$9.45
General & Irrigators		\$/hour		\$9.45
Purchased Inputs:				
Nitrogen (N)		\$/pound		\$1.09
Phosphate (P205)		\$/pound		\$1.25
Canal water		\$/acre		\$85.00
Additional Water (over 2 acft)		\$/ac ft		\$16.00
Baling Wire		\$/lb		\$1.32
Energy:				
Butane		\$/MCF		\$2.45
Diesel fuel		\$/gallon		\$3.09
Gasoline		\$/gallon		\$3.09
Electricity (El Paso Elec)		cents/KwHr		7.60
Natural gas (Rio Grande)		\$/MCF		\$7.90
Employee Liability Insurance		\$/\$1,000 wa		20.00
Employee Benefits		percent/wag	ges	18.00%
Labor Downtime		percent		25.00%
Financial Rates:				
Operating Capital Interest Rate		percent		8.50%
Land Interest Rate		percent		9.15%
Equipment Interest Rate		percent		8.00%
Real Interest Rate		percent		2.15%
Land Taxes	\$900.00	/acre (full va	alue)	\$9.44
Personal Property Tax Rate	- NR	\$/\$1,000	(Assessed	\$31.48
. ,	- R		Value)	\$28.06
Supervision Factors				
Field Crop-Irrigation		\$/labor hou	г	\$1.00
Field Crop-Equipment & General		\$/labor hou	r	\$0.50
Vegetable Crop-Irrigation		\$/labor hou	г	\$2.90
Vegetable Crop-Equip. & General		\$/labor hou	Г	\$1.00
Management Rate				
Field Crops		percent/GR		7.00%
Vegetable Crops		percent/TOI	E	10.00%

TABLE 3. Overhead cost information for Dona Ana and Sierra Counties, Projected 2022

Item \$307.20 per month \$3,686 Electricity (Domestic & Shop) \$2,688 \$3,386 Telephone Accounting & Legal \$224.00 per month Misc. Supplies & Hand Tools Pickup and Auto \$4,326 25,600 \$0.500 per mile \$12,800 miles @ Insurance - general liability (non-employee)
- fire/theft \$1.907 \$2,874 Property Taxes - non-planted land \$0 - other than land & machinery \$0 Fixed Costs - Pump \$3,915 Building repairs and maintenance Dues, fees, publications \$1,446 \$435 Farmstead Equipment \$186 \$37,649 Total Total Per Planted Acre \$85.30

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 2022
Planting Dates: August 1 - October 1

Planting Dates: August 1 -		QUANTITY	PURCHASED					TOTAL
11 EW	PRICE	QUANTITY	INPUTS					IUIA
PURCHASED INPUTS								
SEED	\$3.05	25.00 LBS	\$76.25					\$76.25
PROGRAM PAYMENT	\$1.25	90.00 LBS	\$112.05					\$112.0
PLC PAYMENT PUMP WATER*	\$0.00	1.00 X/ACRE 6 AC. IN.	\$0.00					\$0.0
CANAL WATER		6.00 AC. IN.						
SUBTOTAL			\$188.30				-	\$188.30
	POWER	ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	185 HP	0.14 HR		\$1.32	\$4.48	\$1.31	\$2.31	\$9.42
CHISEL	185 HP	0.20 HR		\$1.89	\$6.40	\$1.53	\$3.47	\$13.29
PLOW	185 HP	0.38 HR		\$3.59	\$12.16	\$4.54	\$7.50	\$27.79
DISC (2X)	185 HP	0.28 HR		\$2.65	\$8.96	\$2.61	\$4.62	\$18.84
LASER PLANE (CUSTOM)	140.110	0.05 115	\$73.33	00.47	04.04	00.04	20.40	\$73.33
FERTILIZE DISC & SPRAY	140 HP 140 HP	0.05 HR 0.17 HR		\$0.47	\$1.21	\$0.21	\$0.46	\$2.35
BORDER DISC	140 HP 40 HP	0.17 HR 0.05 HR		\$1.61 \$0.47	\$5.44 \$0.58	\$1.77 \$0.10	\$3.48 \$1.94	\$12.29 \$3.09
DRILL	40 HP	0.05 HR 0.21 HR		\$0.47 \$1.98	\$5.07	\$1.12	\$1.94	\$3.08 \$18.23
IRRIGATE (2X)	140 HF	1.50 HR		\$14.18	\$5.85	\$0.00	\$8.19	\$28.21
SUBTOTAL		2.98 HR	\$73.33	\$28.16	\$50.12	\$13.19	\$42.04	\$206.84
SUBTUTAL		2.90 FK	\$13.33	\$20.10	\$3U. IZ	\$13.19	\$42.04	\$200.04
OVERHEAD EXPENSES								
DOWNTIME		1.17 HR		\$11.08				\$11.08
EMPLOYEE BENEFITS				\$5.07				\$5.07
INSURANCE			\$0.56					\$0.56
SUPERVISION AND MANAGEMENT				\$29.90				\$29.90
SUBTOTAL		1.17 HR	\$0.56	\$46.05				\$46.61
TOTAL OPERATING EXPENSES		4.15 HR	\$262.19	\$74.21	\$50.12	\$13.19	\$42.04	\$441.76

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 2022

Harvest Dates: June 1 - October 1 ITEM YIELD TOTAL PRICE GROSS RETURNS 7.00 TONS (STACKED) ALFALFA HAY \$236.00 \$1.652.00 \$1,652.00 PROGRAM PAYMENT PROGRAM PAYMENT PROGRAM PAYMENT PROGRAM PAYMENT PROGRAM PAYMENT PROGRAM PAYMENT PURCHASED PURCHASED INPUTS PRICE QUANTITY INPUTS TOTAL COST NITROGEN (N) \$1.09 35 LBS \$38.15 \$38.15 PHOSPHATE (P2O5) \$1.25 90 LBS \$112.05 \$112.05 1 X/ACRE 60 LBS \$14.40 \$79.19 \$14.40 \$79.19 INSECTICIDE (CUSTOM) \$14.40 \$1.32 ESTABLISHMENT: Principal 4 YEARS \$110.44 \$110.44 : Interest \$22.10 \$22.10 PUMP WATER* 0 AC. IN CANAL WATER 60 AC. IN. \$133.00 \$133.00 SUBTOTAL \$376.79 \$132.54 \$509.33 FUEL & POWER ACCOMPLISHMENT PURCHASED FIXED PREHARVEST OPERATIONS LABOR REPAIRS UNIT **INPUTS** LUBE TOTAL RATE COST SPRAYER 140 HP 0.11 HR \$1.04 \$2.65 \$0.59 \$1.45 \$5.73 **FERTILIZE** 140 HP 0.05 HR \$0.47 \$1.21 \$0.21 \$0.46 \$2.35 IRRIGATE (10X) 5.00 HR \$47.25 \$0.00 \$0.00 \$0.00 \$47.25 SUBTOTAL 5.16 HR \$48.76 \$3.86 \$0.80 \$1.91 \$55.33 HARVEST OPERATIONS SWATHER (5X) 14 FT 0.55 HR \$5.20 \$6.36 \$0.76 \$23.75 \$36.07 BALER, PTO (5X) 140 HP 1.05 HR \$9.92 \$25.34 \$4.65 \$12.32 \$52.23 BALELOADER (CUSTOM) \$53.20 \$53.20 SUBTOTAL \$141.49 1.60 HR \$53.20 \$15.12 \$31.70 \$36.07 OVERHEAD EXPENSES DOWNTIME 0.43 HR \$4.04 \$4.04 EMPLOYEE BENEFITS \$11.50 \$11.50 \$1.28 \$1.28 LAND TAXES \$9 44 \$9 44 SUPERVISION AND MANAGEMENT \$121.52 \$121.52 OTHER EXPENSES \$85.30 \$85.30 SUBTOTAL 0.43 HR \$86.58 \$137.06 \$9.44 \$233.08 TOTAL OPERATING EXPENSES \$939.23 7.03 HR \$516.57 \$200.94 \$35.56 \$6.21 \$179.96 NET OPERATING PROFIT \$712.77 INTEREST ON OPERATING CAPITAL \$192.65 @ 8.50%) \$16.38 INTEREST ON EQUIPMENT INVESTMENT \$25.56 \$670.84 RETURN TO LAND AND RISK *Pump water costs are shown under irrigation in the preharvest operation section BUDGET SUMMARY **GROSS RETURN** \$1,652.00 VARIABLE OPERATING EXPENSES \$558.33 RETURN OVER VARIABLE EXPENSES \$1,093.67 (GROSS MARGIN) FIXED EXPENSES \$179.96 NET FARM INCOME \$913.71 (RETURN TO CAPITAL, LABOR, LAND & RISK) LABOR AND MANAGEMENT COST \$200.94 NET OPERATING PROFIT \$712.77 (RETURN TO CAPITAL, LAND & RISK) \$41.93 CAPITAL COSTS

\$670.84

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 2022
Planting Dates: April 15 - April 30

TOTAL OPERATING EXPENSES

RETURN TO LAND AND RISK

INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT

NET OPERATING PROFIT

ITEM	PRICE	YIELD						TOTAL
GROSS RETURNS								
LINT	\$2.46	750.00 LBS						\$1,845.00
SEED	\$0.13	1,200.00 LBS						\$150.00
PROGRAM PAYMENT	\$0.00	750.00 LBS						\$0.00
PLC PAYMENT	0						_	
TOTAL								\$1,995.00
			PURCHASED				FIXED	
PURCHASED INPUTS	PRICE	QUANTITY	INPUTS				COST	TOTAL
SEED	\$7.00	25 LBS	\$175.00					\$175.00
NITROGEN (N)	\$1.09	120 LBS	\$130.80					\$130.80
PHOSPHATE (P2O5)	\$1.25	50 LBS	\$62.25					\$62.25
HERBICIDE	\$33.37	1 X/ACRE	\$33.37					\$33.37
CROP INSURANCE	\$2.94		\$2.94					\$2.94
PUMP WATER*	φ2.01	0 AC. IN.	Q2.0 .					Q 2.0.
CANAL WATER		33 AC. IN.	\$97.00					\$97.00
SUBTOTAL		-	\$501.36				-	\$501.36
SUBTUTAL			\$301.30					φ301.30
	POWER	ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP	0.14 HR		\$1.32	\$4.48	\$1.31	\$2.31	\$9.42
CHISEL	140 HP	0.14 HR 0.20 HR		\$1.89	\$6.40	\$1.53	\$3.47	\$13.29
PLOW	140 HP	0.38 HR		\$3.59	\$12.16	\$4.54	\$7.50	\$27.79
DISC	140 HP	0.14 HR		\$1.32	\$4.48	\$1.31	\$2.31	\$9.42
DISC & SPRAY	140 HP	0.15 HR		\$1.42	\$4.80	\$1.56	\$3.07	\$10.85
FERTILIZE	140 HP	0.05 HR		\$0.47	\$1.21	\$0.21	\$0.46	\$2.35
LISTER	140 HP	0.18 HR		\$1.70	\$5.76	\$1.37	\$3.27	\$12.10
PRE-IRRIGATE		0.75 HR		\$7.09	\$0.00	\$0.00	\$0.00	\$7.09
HARROW	40 HP	0.32 HR		\$3.02	\$3.70	\$0.33	\$0.40	\$7.45
ROLLING CULT	40 HP	0.21 HR		\$1.98	\$2.43	\$0.73	\$0.51	\$5.66
PLANTER	140 HP	0.26 HR		\$2.46	\$6.27	\$1.54	\$6.30	\$16.57
HARROW	40 HP	0.32 HR		\$3.02	\$3.70	\$0.33	\$0.40	\$7.45
ROLLING CULT (3X)	140 HP	0.63 HR		\$5.95	\$15.20	\$4.26	\$6.72	\$32.13
ROTO BUCK (2X)	40 HP	0.03 HR		\$0.28	\$0.35	\$0.03	\$0.21	\$0.87
ROPEWICK	40 HP	0.10 HR		\$0.95	\$1.15	\$0.10	\$0.23	\$2.43
IRRIGATE (4X)	40111	2.00 HR		\$18.90	\$0.00	\$0.00	\$0.20	\$18.90
IRRIGATE (4A)		2.00 FIX		\$10.90	φυ.υυ	φυ.υυ	φ0.00	\$10.90
SUBTOTAL		5.86 HR		\$55.38	\$72.07	\$19.14	\$37.17	\$183.75
HARVEST OPERATIONS								
COTTON DICKED (2V)	2-ROW	1.24 HR		\$11.72	\$23.16	\$7.49	\$32.70	\$75.06
COTTON PICKER (2X)								
COTTON TRAILER (2X)	HALF TON	1.00 HR		\$9.45	\$0.00	\$0.89	\$31.42	\$41.76
GIN COTTON (CUSTOM)			\$116.03					\$116.03
SUBTOTAL		2.24 HR	\$116.03	\$21.17	\$23.16	\$8.38	\$64.12	\$232.85
POSTHARVEST OPERATIONS								
	40.110	0.00 LID		#0.74	60.05	#0.0F	64.07	07.54
SHREDDER	40 HP	0.29 HR		\$2.74	\$3.35	\$0.35	\$1.07	\$7.51
OVERHEAD EXPENSES								
DOWNTIME		1.41 HR		\$13.32				\$13.32
EMPLOYEE BENEFITS				\$9.97				\$9.97
INSURANCE			\$1.59					\$1.59
LAND TAXES			ŲJO				\$9.44	\$9.44
SUPERVISION AND MANAGEMENT				\$145.22			20.11	\$145.22
OTHER EXPENSES			\$85.30	ψ1-0.22				\$85.30
OTHER EXI ENOUG			φου.30					φου.30
SUBTOTAL		1.41 HR	\$86.88	\$168.51			\$9.44	\$264.84
		· ·						,

*Pump water costs are shown under irrigation in t	he preharvest operat	ion section.	
	BUDGET	SUMMARY	
GROSS RETURN		\$1,995.00	
VARIABLE OPERATING EXPENSES	\$830.71		
RETURN OVER VARIABLE EXPENSES		\$1,164.29	(GROSS MARGIN)
FIXED EXPENSES	\$111.80		
NET FARM INCOME		\$1,052.49	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$247.80		
NET OPERATING PROFIT		\$804.69	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$80.83		
RETURN TO LAND AND RISK		\$723.86	

9.80 HR

\$357.88 @

\$704.27

8.50%

\$247.80

\$98.57

\$27.87 \$111.80 \$1,190.31

\$804.69

\$30.42

\$50.41

\$723.86

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 2022
Planting Dates: April 15 - April 30

Harvest Date	es: Novem	ber 15 - No	ovember 30

Harvest Dates: November 15 -)	MEI	<u> </u>	2105					
GROSS RETURNS	PRICE		YIEL	.U	BASE					TOTA
LINT	\$0.93		1.000	LBS						\$932.0
SEED	\$0.13		1,600							\$200.
PROGRAM PAYMENT	\$0.0000		1,000		0.85					\$0
PLC PAYMENT	\$0.0000		1,230		0.85					\$0.
TOTAL										
TOTAL										\$1,132.
					PURCHASED				FIXED	
PURCHASED INPUTS	PRICE		QUAN	TITY	INPUTS				COST	TOT
SEED	\$8.10		25	LBS	\$202.50					\$202
NITROGEN (N)	\$1.09		120	LBS	\$130.80					\$130
PHOSPHATE (P2O5)	\$1.25		50	LBS	\$62.25					\$62
HERBICIDE	\$33.37		1	X/ACRE	\$33.37					\$33
INSECTICIDE	\$64.72		1	X/ACRE	\$64.72					\$64
CROP INSURANCE	\$0.34		_		\$0.34					\$0.
PUMP WATER* CANAL WATER				AC. IN. AC. IN.	\$97.00					\$97.
SUBTOTAL					\$590.97				-	\$590.
OGDIOTAL					ψ000.51					ψ000.
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLI RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
					1141 010					
DISC	140 HP			HR		\$1.32	\$4.48	\$1.31	\$2.31	\$9.
CHISEL	140 HP		0.20			\$1.89	\$6.40	\$1.53	\$3.47	\$13.
PLOW DISC	140 HP 140 HP		0.38 0.14			\$3.59 \$1.32	\$12.16 \$4.48	\$4.54 \$1.31	\$7.50 \$2.31	\$27 \$9
DISC & SPRAY	140 HP		0.14			\$1.61	\$5.44	\$1.77	\$3.48	\$12
FERTILIZE	140 HP		0.05			\$0.47	\$1.21	\$0.21	\$0.46	\$2
LISTER	140 HP		0.03			\$1.70	\$5.76	\$1.37	\$3.27	\$12
PRE-IRRIGATE	140111		0.75			\$7.09	\$0.00	\$0.00	\$0.00	\$7.
HARROW	40 HP		0.32			\$3.02	\$3.70	\$0.33	\$0.40	\$7.
ROLLING CULT	40 HP			HR		\$1.98	\$2.43	\$0.73	\$0.51	\$5.
PLANTER	140 HP			HR		\$2.46	\$6.27	\$1.54	\$6.30	\$16.
HARROW	40 HP		0.32	HR		\$3.02	\$3.70	\$0.33	\$0.40	\$7.
ROLLING CULT (3X)	140 HP		0.63	HR		\$5.95	\$15.20	\$4.26	\$6.72	\$32.
ROTO BUCK (2X)	40 HP		0.03	HR		\$0.28	\$0.35	\$0.03	\$0.21	\$0.
ROPEWICK	40 HP		0.10			\$0.95	\$1.15	\$0.10	\$0.23	\$2.
IRRIGATE (4X)			2.00	HR		\$18.90	\$0.00	\$0.00	\$0.00	\$18.
SUBTOTAL			5.88	HR		\$55.57	\$72.71	\$19.35	\$37.58	\$185.
HARVEST OPERATIONS										
COTTON PICKER (2X)	2-ROW		1.24	HR		\$11.72	\$23.16	\$7.49	\$32.70	\$75.
	HALF TON			HR		\$9.45	\$0.00	\$0.89	\$31.42	\$41.
GIN COTTON (CUSTOM)			1.00		\$128.30	ψο. το	ψ0.00	ψ0.00	ψοΕ	\$128.
SUBTOTAL			2.24	HR	\$128.30	\$21.17	\$23.16	\$8.38	\$64.12	\$245.
					*	*=	7	*****	*****	,
POSTHARVEST OPERATIONS	- 40 UD		0.20	UD		f2 74	62.25	#0.25	64.07	¢7
SHREDDER	40 HP		0.29	HR		\$2.74	\$3.35	\$0.35	\$1.07	\$7.
OVERHEAD EXPENSES										
DOWNTIME FMDLOVEE BENEFITS			1.42	HR		\$13.37				\$13. \$14.
EMPLOYEE BENEFITS					¢4 F0	\$14.31				,
INSURANCE LAND TAXES					\$1.59				\$9.44	\$1. \$9.
SUPERVISION AND MANAGEMENT						\$84.82			ψ3.44	\$84
OTHER EXPENSES					\$85.30	ψ0 1.0 <u>2</u>				\$85
SUBTOTAL			1.42	HR	\$86.89	\$112.50			\$9.44	\$208
OTAL OPERATING EXPENSES			9.83	HR	\$806.16	\$191.97	\$99.21	\$28.07	\$112.21	\$1,237
IET OPERATING PROFIT										-\$105
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMEN	Т		(\$332.74	@	8.50%)				\$28. \$50.
RETURN TO LAND AND RISK										(\$184.5
*Pump water costs are shown under irrigation	on in the preha									
· ·	•		T SUMMARY							
ROSS RETURN			\$1,132.00							

		SUMMARY	
GROSS RETURN		\$1,132.00	
VARIABLE OPERATING EXPENSES	\$933.45		
RETURN OVER VARIABLE EXPENSES		\$198.55	(GROSS MARGIN)
FIXED EXPENSES	\$112.21		
NET FARM INCOME		\$86.34	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$191.97		
NET OPERATING PROFIT		(\$105.63)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$78.92		
RETURN TO LAND AND RISK		(\$184.55)	

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 2022
Planting Dates: July 1 - July 15
Harvest Dates: September 1 - October 30

Harvest Dates: Sep			
ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			-
GRAIN SORGHUM	\$10.60	40.00 CWT	\$424.00
PROGRAM PAYMENT	\$0.00	40.00 CWT	\$0.00
PLC PAYMENT	\$0.00	0.00 CWT	\$0.00
TOTAL			\$424.00

PURCHASED

FIXED

HERBICIDE	PURCHASED INPUTS	PRICE	QUAN	ITITY	INPUTS				COST	TOTAL
CROP INSURANCE \$2.94	HERBICIDE INSECTICIDE PUMP WATER*	\$22.23	1 1 0	X/ACRE X/ACRE AC. IN.	\$22.23 \$33.37					\$20.50 \$22.23 \$33.37 \$85.00
PREHARVEST OPERATIONS	CROP INSURANCE	\$2.94	2-1	710. 111.	\$2.94				-	\$2.94 \$164.04
ChiSeL	PREHARVEST OPERATIONS					LABOR		REPAIRS		TOTAL
HARVEST OPERATIONS \$9.60 \$9.90 \$9.00 \$9.00 \$1.00	CHISEL DISC & SPRAY LISTER PLANTER ROTO BUCK (3X) ROLLING CULT (2X)	140 HP 140 HP 140 HP 140 HP 40 HP	0.20 0.17 0.18 0.26 0.05 0.42	HR HR HR HR HR		\$1.89 \$1.61 \$1.70 \$2.46 \$0.43 \$3.97	\$4.83 \$4.10 \$4.34 \$6.27 \$0.52 \$4.85	\$1.26 \$1.54 \$1.13 \$1.54 \$0.05 \$1.47	\$2.45 \$2.61 \$2.35 \$6.30 \$0.31 \$1.03	\$7.42 \$10.43 \$9.86 \$9.52 \$16.57 \$1.30 \$11.31
COMBINE (CUSTOM) \$9.60 \$7.20 \$	SUBTOTAL		3.42	HR		\$32.27	\$28.30	\$8.10	\$16.64	\$85.31
HAUL (CUSTOM) \$7.20	HARVEST OPERATIONS									
POSTHARVEST OPERATION: SHREDDER										\$9.60 \$7.20
SHREDDER 40 HP 0.29 HR \$2.74 \$3.35 \$0.35 \$1.07 \$7. OVERHEAD EXPENSES DOWNTIME 0.43 HR \$4.03 \$4.03 \$4.03 \$6.00 <t< td=""><td>SUBTOTAL</td><td></td><td>0.00</td><td>HR</td><td>\$16.80</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$16.80</td></t<>	SUBTOTAL		0.00	HR	\$16.80	\$0.00	\$0.00	\$0.00	\$0.00	\$16.80
OVERHEAD EXPENSES DOWNTIME 0.43 HR \$4.03 \$4.84 EMPLOYEE BENEFITS \$6.30 \$6.30 \$6.61 INSURANCE \$0.70 \$9.44 \$9.84 LAND TAXES \$20.31 \$9.44 \$9.84 SUPERVISION AND MANAGEMENT \$85.30 \$20.31 \$20 OTHER EXPENSES \$85.30 \$85.30 \$85.30 SUBTOTAL 0.43 HR \$86.00 \$30.64 \$9.44 \$126 TOTAL OPERATING EXPENSES 4.13 HR \$266.84 \$65.65 \$31.64 \$8.45 \$27.15 \$399 NET OPERATING PROFIT \$24.00 \$30.64 <td>POSTHARVEST OPERATIONS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	POSTHARVEST OPERATIONS									
DOWNTIME 0.43 HR \$4.03 \$4.03 \$4.03 \$4.03 \$4.03 \$6.30 \$	SHREDDER	40 HP	0.29	HR		\$2.74	\$3.35	\$0.35	\$1.07	\$7.51
EMPLOYEE BENEFITS \$6.30 \$6.30 \$6.50 \$6.50 \$6.50 \$6.50 \$6.50 \$1.50	OVERHEAD EXPENSES									
TOTAL OPERATING EXPENSES 4.13 HR \$266.84 \$65.65 \$31.64 \$8.45 \$27.15 \$399. NET OPERATING PROFIT \$24.	EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT		0.43	HR		\$6.30			\$9.44	\$4.03 \$6.30 \$0.70 \$9.44 \$20.31 \$85.30
NET OPERATING PROFIT \$24.	SUBTOTAL		0.43	HR	\$86.00	\$30.64			\$9.44	\$126.08
	TOTAL OPERATING EXPENSES		4.13	HR	\$266.84	\$65.65	\$31.64	\$8.45	\$27.15	\$399.74
INTEREST ON OPERATING CARITAL CARTAIN CARITAL	NET OPERATING PROFIT									\$24.26
	INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	г	\$93.45	@	8.50%)				\$7.94 \$11.72
RETURN TO LAND AND RISK \$4.	RETURN TO LAND AND RISK									\$4.59

	BUDGET S	SUMMARY	
GROSS RETURN		\$424.00	
VARIABLE OPERATING EXPENSES	\$306.94		
RETURN OVER VARIABLE EXPENSES		\$117.06	(GROSS MARGIN)
FIXED EXPENSES	\$27.15		
NET FARM INCOME		\$89.91	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$65.65		
NET OPERATING PROFIT		\$24.26	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$19.66		
RETURN TO LAND AND RISK		\$4.59	

 $\ensuremath{^{\star}}\xspace \text{Pump}$ water costs are shown under irrigation in the preharvest operation section.

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 2022
Planting Dates: January 1 - February 1

ITEM	PRICE	YIELD						TOTAL
GROSS RETURNS SPRING LETTUCE	\$11.44	475 CART	ONS					\$5,434.00
TOTAL								\$5,434.00
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$1.98	4 LBS	\$7.92					\$7.92
NITROGEN (N)	\$1.09	250 LBS	\$272.50					\$272.50
PHOSPHATE (P205)	\$1.25	175 LBS	\$217.88					\$217.88
INSECTICIDE PUMP WATER*	\$37.03	3 X/ACF 16 AC. IN						\$111.09
CANAL WATER		14 AC. IN						\$85.00
SUBTOTAL			\$694.39					\$694.39
	POWER	ACCOMPLISHMEN	T PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP	0.14 HR		\$1.32	\$3.38	\$1.12	\$1.59	\$7.42
CHISEL	140 HP	0.20 HR		\$1.89	\$4.83	\$1.26	\$2.45	\$10.43
PLOW DISC (3X)	140 HP 140 HP	0.38 HR 0.28 HR		\$3.59 \$2.65	\$9.17 \$6.76	\$4.03 \$2.24	\$5.56 \$3.19	\$22.34 \$14.83
DISC (2X) LASER PLANE (CUSTOM)	140 HP	0.28 HK	\$73.33	\$2.00	\$0.70	\$2.24	\$3.19	\$73.33
FERTILIZE	140 HP	0.05 HR	,	\$0.47	\$1.21	\$0.21	\$0.46	\$2.35
DISC	140 HP	0.14 HR		\$1.32	\$3.38	\$1.12	\$1.59	\$7.42
LISTER PRE-IRRIGATE	140 HP	0.18 HR 0.75 HR		\$1.70 \$7.09	\$4.34 \$1.73	\$1.13 \$0.00	\$2.35 \$2.43	\$9.52 \$11.25
ROLLING CULT	40 HP	0.21 HR		\$1.98	\$2.43	\$0.73	\$0.51	\$5.66
VEG-PLANT SHAPER	140 HP	0.26 HR		\$2.46	\$6.27	\$1.30	\$4.50	\$14.53
CULT & SIDEDRESS (2X)	140 HP	0.66 HR		\$6.24	\$15.93	\$4.66	\$7.60	\$34.42
ROLLING CULT (3X) THIN & HOE (CUSTOM)	40 HP	0.21 HR	\$120.00	\$1.98	\$2.43	\$0.73	\$0.51	\$5.66 \$120.00
DUSTER (CUSTOM)			\$5.00					\$5.00
ROTO BUCK (8X)	40 HP	0.12 HR		\$1.13	\$1.39	\$0.13	\$0.83	\$3.48
IRRIGATE (8X)		4.00 HR		\$37.80	\$13.86	\$0.00	\$19.41	\$71.07
SUBTOTAL		7.58 HR	\$198.33	\$71.63	\$77.09	\$18.66	\$52.98	\$418.69
HARVEST OPERATIONS								
HARVEST (CUSTOM)			\$878.75					\$878.75
CARTONS (CUSTOM)			\$403.75					\$403.75
HAUL (CUSTOM) BROKERAGE (CUSTOM)			\$142.50 \$502.65					\$142.50 \$502.65
,		0.00 LID		¢0.00	\$0.00	\$0.00	* 0.00	
SUBTOTAL		0.00 HR	\$1,927.65	\$0.00	\$0.00	\$0.00	\$0.00	\$1,927.65
OVERHEAD EXPENSES								
DOWNTIME		0.71 HR		\$6.69				\$6.69
EMPLOYEE BENEFITS INSURANCE			\$1.43	\$12.89				\$12.89 \$1.43
LAND TAXES			\$1.43				\$9.44	\$9.44
SUPERVISION AND MANAGE	EMENT			\$139.49			ψο	\$139.49
OTHER EXPENSES			\$85.30					\$85.30
SUBTOTAL		0.71 HR	\$86.73	\$159.07			\$9.44	\$255.24
TOTAL OPERATING EXPENSES	S	8.29 HR	\$2,907.09	\$230.70	\$77.09	\$18.66	\$62.43	\$3,295.97
NET OPERATING PROFIT								\$2,138.03
INTEREST ON OPERATING O		(\$581.35 @	8.50%)				\$49.41 \$40.13
RETURN TO LAND AND RISK								\$2,048.49

*Pump water costs are shown under irrigation in		eration section SUMMARY		
GROSS RETURN		\$5,434.00		
VARIABLE OPERATING EXPENSES	\$3,002.84			
RETURN OVER VARIABLE EXPENSES		\$2,431.16	(GROSS MARGIN)	
FIXED EXPENSES	\$62.43			
NET FARM INCOME		\$2,368.73	(RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$230.70			
NET OPERATING PROFIT		\$2,138.03	(RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS	\$89.54			
RETURN TO LAND AND RISK		\$2 048 49		

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 2022
Planting Dates: August 1 - August 15
Harvest Dates: October 15 - November 10

Harvest Dates: Octobe	r 15 - November 10								
ITEM	PRICE	YIE	LD						TOTAL
GROSS RETURNS FALL LETTUCE	\$5.94	500	CARTON	ıs					\$2,970.00
TOTAL									\$2,970.00
PURCHASED INPUTS	PRICE	QUAN	TITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED	\$1.98		LBS	\$7.92					\$7.92
NITROGEN (N) PHOSPHATE (P205)	\$1.09 \$1.25		LBS LBS	\$272.50 \$186.75					\$272.50 \$186.75
HERBICIDE	\$18.55		X/ACRE	\$18.55					\$18.55
INSECTICIDE PUMP WATER*	\$231.73		X/ACRE AC. IN.	\$231.73					\$231.73
CANAL WATER			AC. IN. AC. IN.	\$46.67					\$46.67
SUBTOTAL				\$764.12					\$764.12
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPL RA		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC	140 HP	0.14			\$1.32	\$3.38	\$1.12	\$1.59	\$7.42
CHISEL PLOW	140 HP 140 HP	0.20 0.38			\$1.89 \$3.59	\$4.83 \$9.17	\$1.26 \$4.03	\$2.45 \$5.56	\$10.43 \$22.34
DISC (2X)	140 HP	0.28			\$2.65	\$6.76	\$2.24	\$3.19	\$14.83
LASER PLANE (CUSTOM) FERTILIZE	140 HP	0.05	ШΒ	\$72.50	¢0.47	¢1 21	¢0.21	\$0.46	\$72.50
DISC & SPRAY	140 HP	0.05			\$0.47 \$1.61	\$1.21 \$4.10	\$0.21 \$1.54	\$0.46 \$2.61	\$2.35 \$9.86
LISTER	140 HP	0.18			\$1.70	\$4.34	\$1.13	\$2.35	\$9.52
PRE-IRRIGATE ROLLING CULT	40 HP	0.75 0.21			\$7.09 \$1.98	\$0.00 \$2.43	\$0.00 \$0.73	\$0.00 \$0.51	\$7.09 \$5.66
VEG-PLANT SHAPER	140 HP	0.26			\$2.46	\$6.27	\$1.30	\$4.50	\$14.53
CULT & SIDEDRESS (2X)	140 HP	0.66			\$6.24	\$15.93	\$4.66	\$7.60	\$34.42
ROLLING CULT (3X) THIN & HOE (CUSTOM)	40 HP	0.63	нк	\$160.00	\$5.95	\$7.28	\$2.20	\$1.54	\$16.97 \$160.00
DUSTER (CUSTOM)				\$15.00					\$15.00
ROTO BUCK (8X) IRRIGATE (8X)	40 HP	0.12 4.00			\$1.13 \$37.80	\$1.39 \$0.00	\$0.13 \$0.00	\$0.83 \$0.00	\$3.48 \$37.80
SUBTOTAL		8.03	HR	\$247.50	\$75.88	\$67.07	\$20.55	\$33.19	\$444.19
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		\$7.75				\$7.75
EMPLOYEE BENEFITS				\$1.52	\$13.66				\$13.66
INSURANCE LAND TAXES				φ1.32				\$9.44	\$1.52 \$9.44
SUPERVISION AND MANAGEMEN	Т			¢95.30	\$73.24				\$73.24
OTHER EXPENSES		0.00	LID	\$85.30	\$94.65			CO 44	\$85.30 \$190.91
SUBTOTAL TOTAL OPERATING EXPENSES		8.85		\$86.82 \$2,873.16	\$170.53	\$67.07	\$20.55	\$9.44	\$3,173.94
NET OPERATING PROFIT				, ,,,	,		,	,	(\$203.94
INTEREST ON OPERATING CAPIT.		(\$613.73	@	8.50%)				\$52.17
RETURN TO LAND AND RISK	TIMENT								\$22.30 (\$278.41
*Pump water costs are shown under	irrigation in the preharvest	operation section.							(ψΣ10.+1
•	BUD	GET SUMMARY							
GROSS RETURN		\$2,970.00							
VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSE).78 \$9.22	(GROS	S MARGIN)					
FIXED EXPENSES		2.63							
NET FARM INCOME	647	(\$33.41)	(RETU	RN TO CAPITAL,	LABOR, LAN	ID & RISK)			
LABOR AND MANAGEMENT COST NET OPERATING PROFIT	\$170	(\$203.94)	(RETUI	RN TO CAPITAL,	LAND & RIS	K)			
CAPITAL COSTS	\$74	1.47		_,		•			
RETURN TO LAND AND RISK		(\$278.41)							

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 2022
Planting Dates: January 1 - January 15
Harvest Dates: July 1 - July 15

;									
PRICE		YIEL	_D						TOTAL
\$85.00		30.00	TONS						\$2,550.00
									\$2,550.00
				DUDOUAGED				EWED	
PRICE		QUAN	TITY	INPUTS				COST	TOTAL
\$3.06				\$67.38					\$67.38
\$1.09 \$1.25				\$327.00 \$0.00					\$327.00 \$0.00
\$15.00				\$30.00					\$30.00
\$2.94		30	AC. IN.						\$93.00 \$2.94
				\$520.32					\$520.32
POWER		ACCOMPLI	SHMENT	PURCHASED		FIIFI &		FIXED	
UNIT				INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
140 HP					\$1.32	\$3.38	\$1.12	\$1.59	\$7.42
									\$10.43 \$2.35
140 HP		0.17	HR		\$1.61	\$4.10	\$1.54	\$2.61	\$9.86
									\$3.09 \$18.23
140111					\$18.90	\$5.85	\$0.00	\$8.19	\$32.94
		2.82	HR		\$26.65	\$25.01	\$5.36	\$27.30	\$84.31
				\$10.00					\$10.00
				\$10.00					\$10.00
		0.21	HK		\$1.94 \$4.80				\$1.94 \$4.80
				\$0.53				00.44	\$0.53
					\$180.91			\$9.44	\$9.44 \$180.91
				\$85.30					\$85.30
		0.21	HR	\$85.83	\$187.64			\$9.44	\$282.92
		3.03	HR	\$616.15	\$214.29	\$25.01	\$5.36	\$36.74	\$897.55
									\$1,652.45
	•	\$268.58	@	8.50%)				\$22.83 \$18.83
									\$1,610.80
n in the prel									
		\$2,550.00							
	\$646.51		(0000	C MADOIL"					
	COC 74	\$1,903.49	(GROS	S MARGIN)					
	\$36.74								
		\$1,866.75	(RETUR	RN TO CAPITAL, L	LABOR, LAN	D & RISK)			
	\$214.29	\$1,866.75 \$1,652.45		RN TO CAPITAL, L RN TO CAPITAL, L					
	PRICE \$85.00 PRICE \$3.06 \$1.09 \$1.25 \$15.00 \$2.94 POWER UNIT 140 HP 140 HP 140 HP 140 HP 140 HP	PRICE \$85.00 PRICE \$3.06 \$1.09 \$1.25 \$15.00 \$2.94 POWER UNIT 140 HP	PRICE VIET \$85.00 30.00 PRICE QUAN \$3.06 22 \$1.09 300 \$1.25 0 \$15.00 2 \$15.00 2 \$1.294 POWER ACCOMPLIAN 140 HP 0.14 140 HP 0.20 140 HP 0.05 140 HP 0.05 140 HP 0.21 2.00 2.82 Quan 2.82 1 in the preharvest operation section BUDGET SUMMARY \$2,550.00 \$646.51	PRICE YIELD \$85.00 30.00 TONS PRICE QUANTITY \$3.06 22 LBS \$1.09 300 LBS \$1.25 0 LBS \$15.00 2 X/ACRE 6 AC. IN. 30 AC. IN. \$2.94 POWER ACCOMPLISHMENT UNIT RATE 140 HP 0.14 HR 140 HP 0.20 HR 140 HP 0.05 HR 140 HP 0.05 HR 140 HP 0.05 HR 2.00 HR 40 HP 2.20 HR 40 HP 2.21 HR 40 HP 2.21 HR 40 HP 3.03 HR 40	PRICE YIELD \$85.00 30.00 TONS PRICE QUANTITY PURCHASED INPUTS \$3.06 22 LBS \$67.38 \$1.09 300 LBS \$327.00 \$15.00 2 X/ACRE \$30.00 \$15.00 2 X/ACRE \$30.00 \$2.94 \$520.32 POWER ACCOMPLISHMENT RATE PURCHASED INPUTS 140 HP 0.14 HR 140 HP 0.20 HR 140 HP 0.05 HR 140 HP 0.05 HR 140 HP 0.17 HR 40 HP 0.17 HR 2.00 HR 140 HP 2.20 HR 140 HP 2.20 HR 140 HP 3.20 HR 2.00 HR 2.82 HR 0.21 HR \$0.53 3.03 HR \$616.15 1 \$268.58 @ 8.50%	PRICE YIELD \$85.00 30.00 TONS PRICE QUANTITY PURCHASED INPUTS \$3.06 22 LBS \$67.38 \$327.00 \$1.25 0 LBS \$0.00 \$12.55 0 LBS \$0.00 \$15.00 2 XIACRE \$30.00 \$2.94 \$52.94 \$520.32 \$2.94 \$520.32 \$2.94 \$30.00 \$2.94 \$3.00 \$2.94 \$3.00 \$2.94 \$3.00 \$30 AC. IN. \$93.00 \$2.94 \$3.00 \$30 AC. IN. \$93.00 \$3.00 BC. IN. \$93.00 BC. IN. \$30.00 B	PRICE YIELD \$85.00 30.00 TONS PRICE QUANTITY PURCHASED INPUTS \$3.06 320 LBS \$327.00 \$11.25 0 LBS \$30.00 \$1.25 0 LBS \$30.00 \$15.50 0 2 X/ACRE \$30.00 \$2.24 \$30.00 \$30.47 \$3.24 \$30.00 \$30.47 \$3.24 \$30.00 \$30.47 \$3.24 \$30.00 \$30.47 \$3.24 \$30.00 \$30.0	PRICE VIELD \$85.00 30.00 TONS PRICE QUANTITY PURCHASED INPUTS \$3.06 22 LBS \$67.38 \$67.38 \$1.09 \$300 LBS \$327.00 \$15.50 \$1.25 \$0 LBS \$5.00 \$15.50 \$2 X/ACRE \$30.00 \$2 X/ACRE \$30.00 \$2 X/ACRE \$30.00 \$2 X/ACRE \$30.00 \$2.94 \$52.94 \$52.94 \$52.92 \$2.94 \$8.294 \$1.00 \$1	PRICE YIELD \$85.00 30.00 TONS PRICE QUANTITY PURCHASED NPUTS COST \$3.06 22 LBS \$67.38 \$1.09 \$30.00 LBS \$327.00 \$11.00 LBS \$327.00 \$1.10 LBS \$3.00 L

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 2022

Planting Dates: October 1 - October 15 K03-09-05 Harvesting Dates: June 1 - July 15 ITEM PRICE YIELD TOTAL GROSS RETURNS FALL ONIONS \$8.45 1,200.00 SACKS \$10,140.00 \$10,140.00 TOTAL PURCHASED FIXED PRICE QUANTITY INPUTS TOTAL PURCHASED INPUTS COST SEED \$100.00 6 LBS \$600.00 \$600.00 NITROGEN (N) PHOSPHATE (P2O5) \$1.09 600 LBS \$654.00 \$654.00 \$1.25 250 LBS \$311.25 \$311.25 HERBICIDE \$22.23 X/ACRE \$44.47 INSECTICIDE \$75.83 2 X/ACRE \$151.65 \$151.65 AC. IN. CANAL WATER 50 AC. IN. \$119.67 \$119.67 SUBTOTAL \$1,881.04 \$1,881.04 POWER ACCOMPLISHMENT PURCHASED FUEL & FIXED PREHARVEST OPERATIONS UNIT INPUTS LABOR LUBE REPAIRS COST TOTAL 140 HP \$1.32 \$3.38 \$1.12 \$1.59 CHISEL 140 HP 0.20 HR 0.38 HR \$1.89 \$4.83 \$1.26 \$4.03 \$2.45 \$10.43 PLOW \$5.56 DISC (2X) 140 HP 0.28 HR \$2.65 \$6.76 \$2 24 \$3,19 \$14.83 LASER PLANE (CUSTOM) \$73.33 \$73.33 **FERTILIZE** 140 HP 0.05 HR \$0.47 \$1.21 \$0.21 \$0.46 \$2.35 DISC & SPRAY 140 HP 0.17 HR \$1.61 \$4.10 \$1.54 \$2.61 \$9.86 LISTER 140 HP 0.18 HR \$1.70 \$4.34 \$1.13 \$2.35 \$9.52 PRE-IRRIGATE \$0.42 0.75 HR \$7.09 \$0.00 \$0.58 \$8.09 ROD WEEDER 40 HP 0.08 HR \$0.76 \$0.92 \$0.14 \$1.58 \$3.40 ROLLING CULT 40 HP 0.21 HR \$1.98 \$2.43 \$0.73 \$0.51 \$5.66 VEG PLANT-SHAPER 140 HP 0.26 HR \$2.46 \$6.27 \$1.30 \$4.50 \$14.53 CULT & SIDEDRESS (4X) 140 HP 132 HR \$12.47 \$31.85 \$9.31 \$15.21 \$68.85 ROLLING CULT (2X) 40 HP 0.42 HR \$3.97 \$4.85 \$1.03 \$11.31 \$1.47 THIN & HOE (CUSTOM) \$120.00 \$120.00 ROTO BUCK (9X) 40 HP 0.14 HR \$1.28 \$1.56 \$0.14 \$0.94 \$3.91 IRRIGATE (13X) 6.50 HR \$61.43 \$5.43 \$0.00 \$7.60 \$74.46 SUBTOTAL 11.08 HR \$193.33 \$104.66 \$87.52 \$24.63 \$50.15 \$460.28 HARVEST OPERATIONS ONION KNIVES 80 HP 0.27 HR \$2.55 \$6.52 \$1.41 \$4.28 \$14.75 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 CONTAINER CHARGE \$480.00 \$480.00 BROKERAGE (CUSTOM) \$912.60 \$912.60 \$5,127.35 SUBTOTAL 0.27 HR \$5,112.60 \$2.55 \$6.52 \$1.41 \$4.28 OVERHEAD EXPENSES DOWNTIME 1.02 HR \$9.67 \$9.67 EMPLOYEE BENEFITS \$18.84 INSURANCE \$2.09 \$2.09 LAND TAXES \$9.44 SUPERVISION AND MANAGEMENT \$273.26 \$273.26 OTHER EXPENSES \$85.30 \$85.30 SUBTOTAL \$9.44 \$398.61 1.02 HR \$87.39 \$301.78 TOTAL OPERATING EXPENSES 12.37 HR \$7,274,36 \$408.99 \$94.03 \$26.03 \$63.87 \$7.867.29 NET OPERATING PROFIT \$2,272,71 INTEREST ON OPERATING CAPITAL (\$1,442.94 (a) 8.50% \$122.65 INTEREST ON EQUIPMENT INVESTMENT \$36.50 RETURN TO LAND AND RISK \$2,113.56 *Pump water costs are shown under irrigation in the preharvest operation section BUDGET SUMMARY GROSS RETURN \$10,140.00 VARIABLE OPERATING EXPENSES \$7,394,43 RETURN OVER VARIABLE EXPENSES \$2,745.57 (GROSS MARGIN) FIXED EXPENSES \$63.87 NET FARM INCOME \$2,681.70 (RETURN TO CAPITAL, LABOR, LAND & RISK) LABOR AND MANAGEMENT COST \$408.99 NET OPERATING PROFIT (RETURN TO CAPITAL, LAND & RISK) \$2,272.71 CAPITAL COSTS \$159.15 RETURN TO LAND AND RISK

\$2,113,56

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 2022
Planting Dates: January 1 - January 31
Harvest Dates: July 1 - July 31

Harvest Dates: Jul	y 1 - July 31									
ITEM	PRICE		YIEL	.D						TOTAL
GROSS RETURNS MIDSEASON YELLOWS	\$8.81		675.00	SACKS						\$5,946.75
TOTAL										\$5,946.75
PURCHASED INPUTS	PRICE		QUAN	ΓΙΤΥ	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$150.00		4	LBS	\$600.00					\$600.00
NITROGEN (N)	\$1.09		450	LBS	\$490.50					\$490.50
PHOSPHATE (P205) HERBICIDE	\$1.25 \$64.72			LBS X/ACRE	\$224.10 \$64.72					\$224.10 \$64.72
INSECTICIDE	\$75.87			X/ACRE	\$75.87					\$75.87
PUMP WATER* CANAL WATER				AC. IN. AC. IN.	\$109.00					\$109.00
SUBTOTAL			42	AC. IIV.	\$1,564.18					\$1,564.18
COBTOTAL					ψ1,004.10					ψ1,004.10
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLI: RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP		0.14			\$1.32	\$3.38	\$1.12	\$1.59	\$7.42
CHISEL PLOW	140 HP 140 HP		0.20 0.38			\$1.89	\$4.83 \$9.17	\$1.26 \$4.03	\$2.45 \$5.56	\$10.43 \$22.34
DISC (2X)	140 HP		0.38			\$3.59 \$2.65	\$6.76	\$2.24	\$3.19	\$14.83
LASER PLANE (CUSTOM)					\$73.33					\$73.33
FERTILIZE	140 HP 140 HP		0.05 0.17			\$0.47	\$1.21 \$4.10	\$0.21 \$1.54	\$0.46 \$2.61	\$2.35 \$9.86
DISC & SPRAY LISTER	140 HP		0.17			\$1.61 \$1.70	\$4.10	\$1.54	\$2.35	\$9.50
PRE-IRRIGATE			0.75			\$7.09	\$0.49	\$0.00	\$0.68	\$8.26
ROD WEEDER	40 HP		0.08			\$0.76	\$0.92	\$0.14	\$1.58	\$3.40
ROLLING CULT VEG PLANT-SHAPER	40 HP 140 HP		0.21 0.26			\$1.98 \$2.46	\$2.43 \$6.27	\$0.73 \$1.30	\$0.21 \$4.50	\$5.35 \$14.53
CULT & SIDEDRESS (3X)	140 HP		0.99			\$9.36	\$23.89	\$6.98	\$11.40	\$51.63
ROLLING CULT (2X)	40 HP		0.42	HR		\$3.97	\$4.85	\$1.47	\$1.03	\$11.31
HOE (CUSTOM) ROTO BUCK (9X)	40 HP		0.14	ШΒ	\$120.00	\$1.28	\$1.56	\$0.14	\$0.94	\$120.00 \$3.91
IRRIGATE (11X)	40111		5.50			\$51.98	\$5.36	\$0.00	\$7.51	\$64.84
SUBTOTAL		•	9.75	HR	\$193.33	\$92.09	\$79.56	\$22.30	\$46.04	\$433.32
HARVEST OPERATIONS										
ONION KNIVES	140 HP		0.27	HR		\$2.55	\$6.52	\$1.41	\$4.28	\$14.75
HARVEST & HAUL (CUSTOM)					\$742.50					\$742.50
BAG RENTAL					\$67.50					\$67.50
FIELD LOAD PROCESSING					\$0.00 \$1,282.50					\$0.00 \$1,282.50
CONTAINER CHARGE					\$270.00					\$270.00
BROKERAGE (CUSTOM)					\$535.21					\$535.21
SUBTOTAL		•	0.27	HR	\$2,897.71	\$2.55	\$6.52	\$1.41	\$4.28	\$2,912.46
OVERHEAD EXPENSES										
DOWNTIME			0.40	HR		\$3.76				\$3.76
EMPLOYEE BENEFITS INSURANCE					\$1.89	\$17.04				\$17.04 \$1.89
LAND TAXES					******				\$9.44	\$9.44
SUPERVISION AND MANAGEN	MENT				****	\$234.86				\$234.86
OTHER EXPENSES					\$85.30					\$85.30
SUBTOTAL		. -	0.40		\$87.19	\$255.65			\$9.44	\$352.29
TOTAL OPERATING EXPENSES			10.41	HK	\$4,742.41	\$350.29	\$86.07	\$23.71	\$59.77	\$5,262.25
NET OPERATING PROFIT	DITAL	,	04 007 00		0.500/	,				\$684.50
INTEREST ON OPERATING CA		(\$1,097.36	@	8.50%)				\$93.28 \$34.52
RETURN TO LAND AND RISK										\$556.71
*Pump water costs are shown ur	nder irrigation in the p		ration section	n.						
GROSS RETURN			\$5,946.75							
VARIABLE OPERATING EXPENS	SES	\$4,852.19	ψ0,0 - 10.73							
RETURN OVER VARIABLE EXPE	NSES	eco 37	\$1,094.56	(GROS	SS MARGIN)					
FIXED EXPENSES NET FARM INCOME		\$59.77	\$1,034.80	(RETII	RN TO CAPITAL	LABOR. LA	ND & RISK)			
LABOR AND MANAGEMENT CO	ST	\$350.29		,			·			
NET OPERATING PROFIT		6407.70	\$684.50	(RETU	RN TO CAPITAL	LAND & RIS	SK)			
CAPITAL COSTS RETURN TO LAND AND RISK		\$127.79	\$556.71							
VETOVIA TO FAIRD WIND KINK			φυ 3 0.7 T							

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 2022
Planting Dates: January 15 - February 15
Harvest Dates: August 1 - August 15

ITEM	PRICE	YIELD						TOTA
GROSS RETURNS								
SWEET SPANISH	\$7.15	825.00 SA	ACKS					\$5,898.7
TOTAL								\$5,898.7
PURCHASED INPUTS	PRICE	QUANTIT	PURCHASED Y INPUTS				FIXED	TOTA
SEED	\$179.00	4 LE	3S \$716.00					\$716.0
NITROGEN (N)	\$1.09	450 LE						\$490.5
PHOSPHATE (P2O5) HERBICIDE	\$1.25 \$64.72	180 LE 1 X/	3S \$224.10 ACRE \$64.72					\$224.1 \$64.7
INSECTICIDE	\$75.79		ACRE \$75.79					\$75.7
PUMP WATER*		6 A0						
CANAL WATER		50 AG	C. IN. \$119.67					\$119.6
SUBTOTAL			\$1,690.77					\$1,690.7
	POWER	ACCOMPLISH		LABOR	FUEL &	DEDAIDO	FIXED	TOT:
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC	140 HP	0.14 HI		\$1.32	\$3.38	\$1.12	\$1.59	\$7.4
CHISEL PLOW	140 HP 140 HP	0.20 HI 0.38 HI		\$1.89 \$3.59	\$4.83 \$9.17	\$1.26 \$4.03	\$2.45 \$5.56	\$10.4 \$22.3
DISC (2X)	140 HP	0.28 HI	•	\$2.65	\$6.76	\$2.24	\$3.19	\$14.8
LASER PLANE (CUSTOM)			\$73.33					\$73.3
FERTILIZE	140 HP	0.05 HI		\$0.47	\$1.21	\$0.21	\$0.46	\$2.3
DISC & SPRAY LISTER	140 HP 140 HP	0.17 HI 0.18 HI		\$1.61 \$1.70	\$4.10 \$4.34	\$1.54 \$1.13	\$2.61 \$2.35	\$9.8 \$9.5
PRE-IRRIGATE	140111	0.75 HI		\$7.09	\$0.42	\$0.00	\$0.58	\$8.0
ROD WEEDER	40 HP	0.08 HI		\$0.76	\$0.92	\$0.14	\$1.58	\$3.4
ROLLING CULT	40 HP	0.21 HI		\$1.98	\$2.43	\$0.73	\$0.51	\$5.6
VEG PLANT-SHAPER CULT & SIDEDRESS (3X)	140 HP 140 HP	0.26 HI 0.99 HI		\$2.46 \$9.36	\$6.27 \$23.89	\$1.30 \$6.98	\$4.50 \$11.40	\$14.5 \$51.6
ROLLING CULT (2X)	40 HP	0.42 HI		\$3.97	\$4.85	\$1.47	\$1.03	\$11.3
THIN & HOE (CUSTOM)			\$120.00					\$120.0
ROTO BUCK (9X) IRRIGATE (13X)	40 HP	0.14 HI 6.50 HI		\$1.28 \$61.43	\$1.56 \$5.43	\$0.14 \$0.00	\$0.94 \$7.60	\$3.9 \$74.4
SUBTOTAL		10.75 HI	₹ \$193.33	\$101.54	\$79.56	\$22.30	\$46.35	\$443.0
HARVEST OPERATIONS								
ONION KNIVES	140 HP	0.27 HI	₹	\$2.55	\$6.52	\$1.41	\$4.28	\$14.7
HARVEST & HAUL (CUSTOM)		0.27	\$907.50	Ψ2.00	ψ0.0 <u>L</u>	Ų	Ų 1 <u>L</u> 0	\$907.5
BAG RENTAL			\$82.50					\$82.5
FIELD LOAD PROCESSING			\$0.00					\$0.0
CONTAINER CHARGE			\$1,567.50 \$330.00					\$1,567.5 \$330.0
BROKERAGE (CUSTOM)			\$530.89					\$530.8
SUBTOTAL		0.27 HI	R \$3,418.39	\$2.55	\$6.52	\$1.41	\$4.28	\$3,433.1
OVERHEAD EXPENSES								
DOWNTIME		0.62 HI	₹	\$5.88				\$5.8
EMPLOYEE BENEFITS				\$18.74				\$18.7
INSURANCE LAND TAXES			\$2.08				\$9.44	\$2.0 \$9.4
SUPERVISION AND MANAGEMENT				\$251.79			ψ0	\$251.7
OTHER EXPENSES			\$85.30					\$85.3
SUBTOTAL		0.62 HI	R \$87.38	\$276.41			\$9.44	\$373.2
TOTAL OPERATING EXPENSES		11.64 HI	R \$5,389.87	\$380.51	\$86.07	\$23.71	\$60.07	\$5,940.2
NET OPERATING PROFIT								(\$41.4
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM	ENT	(\$1,204.05	@ 8.50%)				\$102.3 \$34.5
RETURN TO LAND AND RISK								(\$178.3

GROSS RETURN \$5,898.75 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 \$5,499.65 \$399.10 (GROSS MARGIN) \$60.07 \$339.03 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$380.51 (\$41.47) (RETURN TO CAPITAL, LAND & RISK) \$136.86 (\$178.34)

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 2022
Planting Dates: March 15 - April 10

	Date.			, do
Harvest	Dates:	August	15 -	November 30

ITEM	PRICE		YIEL	D						TOT
GROSS RETURNS	6744.00		45.00	TONO						£40.740.0
GREEN RED	\$714.00 \$0.00		0.00	TONS						\$10,710.0 \$0.0
	ψ0.00		0.00	250						
TOTAL										\$10,710.0
					PURCHASED				FIXED	
PURCHASED INPUTS	PRICE		QUANT	TTY	INPUTS				COST	TOT
SEED	\$18.00			LBS	\$90.00					\$90.0
NITROGEN (N)	\$1.09 \$1.25			LBS LBS	\$327.00 \$87.15					\$327.0 \$87.1
PHOSPHATE (P205) HERBICIDE	\$74.10			X/ACRE	\$74.10					\$74.
INSECTICIDE	\$46.16		1	X/ACRE	\$46.16					\$46.
NEMATICIDE (CUSTOM)	\$45.54			X/ACRE	\$45.54					\$45.
CROP INSURANCE				DOLLAF	\$40.00					\$40.
PUMP WATER* CANAL WATER				AC. IN. AC. IN.	\$126.33					\$126.
SUBTOTAL					\$836.28					\$836.
					******					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
PREHARVEST OPERATIONS	POWER UNIT	AC	CCOMPLIS RATI		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	тот
DISC	140 HP		0.14	HR		\$1.32	\$3.38	\$1.12	\$1.59	\$7.4
CHISEL	140 HP		0.20	HR		\$1.89	\$4.83	\$1.26	\$2.45	\$10.4
PLOW	140 HP		0.38			\$3.59	\$9.17	\$4.03	\$5.56	\$22.3
DISC (2X)	140 HP		0.28	HR	670.00	\$2.65	\$6.76	\$2.24	\$3.19	\$14.8
LASER PLANE (CUSTOM) FERTILIZE	140 HP		0.05	ΗР	\$73.33	\$0.47	\$1.21	\$0.21	\$0.46	\$73. \$2.
DISC & SPRAY	140 HP		0.17			\$1.61	\$4.10	\$1.54	\$2.61	\$9.
LISTER	140 HP		0.18	HR		\$1.70	\$4.34	\$1.13	\$2.35	\$9.
PRE-IRRIGATE			0.75			\$7.09	\$0.00	\$0.00	\$0.00	\$7.
ROLLING CULT	40 HP		0.21			\$1.98	\$2.43	\$0.73	\$0.51	\$5.
VEG PLANT-SHAPER ROLLING CULT (2X)	140 HP 40 HP		0.26 0.42			\$2.46	\$6.27	\$1.30 \$1.47	\$4.50 \$1.03	\$14. \$11.
CULTIVATOR (3X)	40 HP		0.42			\$3.97 \$5.95	\$4.85 \$7.28	\$1.47 \$2.20	\$1.54	\$16.
CULT & SIDEDRESS (2X)	140 HP		0.66			\$6.24	\$15.93	\$4.66	\$7.60	\$34.
THINNING (CUSTOM)					\$70.00					\$70.
HOEING (CUSTOM)	40.115				\$80.00	***	***			\$80.
ROTO BUCK (7X) IRRIGATE (10X)	40 HP		0.11 5.00			\$0.99 \$47.25	\$1.21 \$0.00	\$0.11 \$0.00	\$0.73 \$0.00	\$3. \$47.
SUBTOTAL		_	9.44	HR	\$223.33	\$89.16	\$71.75	\$22.00	\$34.11	\$440.
HARVEST OPERATIONS										
HARVEST GREEN (CUSTOM)					\$1,350.00					\$1,350.
HARVEST RED (CUSTOM)					\$0.00					\$0.
HAUL (TRAILER) (3X)	40 HP RENTAL		2.40 1.05		\$10.00	\$22.68	\$27.72	\$2.50	\$13.96	\$66. \$19.
FORK LIFT (3X) HAUL (CUSTOM)	KENTAL		1.05	пк	\$10.00 \$187.50	\$9.92				\$187.
SUBTOTAL		_	3.45	HR	\$1,547.50	\$32.60	\$27.72	\$2.50	\$13.96	\$1,624.
POSTHARVEST OPERATIONS										
SHREDDER	40 HP		0.29	HR		\$2.74	\$3.35	\$0.35	\$1.07	\$7.
OVERHEAD EXPENSES										
DOWNTIME			1.86	HR		\$17.54				\$17.
EMPLOYEE BENEFITS						\$22.41				\$22.
INSURANCE					\$2.49					\$2.
LAND TAXES SUPERVISION AND MANAGEMENT						\$173.91			\$9.44	\$9. \$173.
OTHER EXPENSES					\$85.30	ψ170.51				\$85.
SUBTOTAL		_	1.86	HR	\$87.79	\$213.86			\$9.44	\$311.
TOTAL OPERATING EXPENSES		_	15.03	HR	\$2,694.90	\$338.37	\$102.82	\$24.85	\$58.59	\$3,219.
NET OPERATING PROFIT										\$7,490.
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTI		(\$629.20	@	8.50%)				\$53. \$30.
										\$7,406.

BUDGET SUMMARY

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 \$10,710.00 \$2,822.57 \$7,887.43 (GROSS MARGIN) \$58.59 \$7,828.85 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$338.37 \$7,490.48 (RETURN TO CAPITAL, LAND & RISK) \$83.96 \$7,406.52

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 2022
Planting Dates: March 15 - April 10

ITEM	PRICE		YIE	LD						TOTA
GROSS RETURNS RED	\$1.30		3,500.00	LBS						\$4,550.00
TOTAL									-	\$4,550.00
PURCHASED INPUTS	PRICE		QUAN	ITITV	PURCHASED INPUTS				FIXED COST	TOTA
									0001	
SEED NITROGEN (N)	\$18.00 \$1.09			LBS LBS	\$144.00 \$272.50					\$144.0 \$272.5
PHOSPHATE (P205)	\$1.25			LBS	\$74.70					\$74.7
HERBICIDE INSECTICIDE	\$74.10 \$46.16		1	X/ACRE X/ACRE	\$74.10 \$46.16					\$74.10 \$46.10
NEMATICIDE (CUSTOM)	\$45.54			X/ACRE	\$45.54					\$45.5
CROP INSURANCE				DOLLARS	\$40.00					\$40.0
PUMP WATER* CANAL WATER				AC. IN. AC. IN.	\$133.00					\$133.00
SUBTOTAL					\$830.00				-	\$830.00
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPL RA		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC	140 HP		0.14			\$1.32	\$3.38	\$1.12	\$1.59	\$7.42
CHISEL PLOW	140 HP 140 HP		0.20 0.38			\$1.89 \$3.59	\$4.83 \$9.17	\$1.26 \$4.03	\$2.45 \$5.56	\$10.43 \$22.34
DISC (2X)	140 HP		0.36			\$3.59 \$2.65	\$6.76	\$4.03 \$2.24	\$3.19	\$22.3 \$14.8
LASER PLANE (CUSTOM)					\$73.33					\$73.3
FERTILIZE DISC & SPRAY	140 HP 140 HP		0.05 0.17			\$0.47 \$1.61	\$1.21 \$4.10	\$0.21 \$1.54	\$0.46 \$2.61	\$2.3 \$9.8
LISTER	140 HP		0.18			\$1.70	\$4.34	\$1.13	\$2.35	\$9.5
PRE-IRRIGATE	40.110		0.75			\$7.09	\$0.00	\$0.00	\$0.00	\$7.0
ROLLING CULT VEG PLANT-SHAPER	40 HP 140 HP		0.21 0.26			\$1.98 \$2.46	\$2.43 \$6.27	\$0.73 \$1.30	\$0.51 \$4.50	\$5.6 \$14.5
ROLLING CULT (2X)	40 HP		0.42	HR		\$3.97	\$4.85	\$1.47	\$1.03	\$11.3
CULTIVATOR (3X)	40 HP		0.63			\$5.95	\$7.28	\$2.20	\$1.54	\$16.9
CULT & SIDEDRESS (2X) THINNING (CUSTOM)	140 HP		0.66	пк	\$70.00	\$6.24	\$15.93	\$4.66	\$7.60	\$34.4 \$70.0
HOEING (CUSTOM)					\$80.00					\$80.0
ROTO BUCK (7X) IRRIGATE (11X)	40 HP		0.11 5.50			\$0.99 \$51.98	\$1.21 \$0.00	\$0.11 \$0.00	\$0.73 \$0.00	\$3.0 \$51.9
SUBTOTAL			9.94	HR	\$223.33	\$93.89	\$71.75	\$22.00	\$34.11	\$445.08
HARVEST OPERATIONS										
LIADVEST (SUSTAN)					# 7 00.00					6700.00
HARVEST (CUSTOM) HAUL (TRAILER) (3X)	40 HP		0.80	HR	\$700.00	\$7.56	\$9.24	\$0.83	\$4.65	\$700.0 \$22.2
FORK LIFT (3X)	RENTAL		0.30		\$10.00	\$2.84	ψ5.24	ψ0.00	ψ4.00	\$12.8
HAUL (CUSTOM)					\$105.00					\$105.0
SUBTOTAL			1.10	HR	\$815.00	\$10.40	\$9.24	\$0.83	\$4.65	\$840.12
POSTHARVEST OPERATIONS										
SHREDDER	40 HP		0.29	HR		\$2.74	\$3.35	\$0.35	\$1.07	\$7.5
OVERHEAD EXPENSES										
DOWNTIME			1.27	HR		\$11.99				\$11.9
EMPLOYEE BENEFITS					****	\$19.26				\$19.2
INSURANCE LAND TAXES					\$2.14				\$9.44	\$2.1 \$9.4
SUPERVISION AND MANAGEMEN	NT					\$166.78			Ψο	\$166.7
OTHER EXPENSES					\$85.30					\$85.3
SUBTOTAL			1.27		\$87.44	\$198.04			\$9.44	\$294.9
TOTAL OPERATING EXPENSES			12.59	HR	\$1,955.77	\$305.06	\$84.34	\$23.18	\$49.28	\$2,417.6
NET OPERATING PROFIT										\$2,132.3
INTEREST ON OPERATING CAPI INTEREST ON EQUIPMENT INVE		(\$563.33	@	8.50%)				\$47.8 \$26.1
RETURN TO LAND AND RISK										\$2,058.3
*Pump water costs are shown under	irrigation in the preha		tion section.							
ODOSC DETUDN		DUDGET								
GROSS RETURN VARIABLE OPERATING EXPENSE	S	\$2,063.29	\$4,550.00							
RETURN OVER VARIABLE EXPENS			\$2,486.71	(GROSS	MARGIN)					
FIXED EXPENSES NET FARM INCOME		\$49.28	\$2,437.43	(RETUR	N TO CAPITAL, L	ABOR I AND	J & BISK)			
LABOR AND MANAGEMENT COST		\$305.06	ψ <u>ε,</u> τοι.43	(INETUR	IN TO OAFIIAL, L	, DOIN, LAINL	J & INON)			
NET OPERATING PROFIT			\$2,132.37	(RETUR	N TO CAPITAL, L	AND & RISK)			
CAPITAL COSTS		\$74.00		•						

Table 19. Summary of per acre costs and returns for a 500 acre farm with above average management, Dona Ana and Sierra Counties, Projected 2022

	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 \$236.00 \$0.00	750.00 \$2.46 \$0.00	1,000.00 \$0.93 \$0.00	40.00 \$10.60 \$0.00	475.00 \$11.44 \$0.00	500.00 \$5.94 \$0.00	30.00 \$85.00 \$0.00	1,200.00 \$8.45 \$0.00	675.00 \$8.81 \$0.00	825.00 \$7.15 \$0.00	15.00 \$714.00 \$0.00	3,500.00 \$1.30 \$0.00
SECOND INCOME		\$0.00	\$150.00	\$200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSS RETURN		\$1,652.00	\$1,995.00	\$1,132.00	\$424.00	\$5,434.00	\$2,970.00	\$2,550.00	\$10,140.00	\$5,946.75	\$5,898.75	\$10,710.00	\$4,550.00
CASH OPERATING EXPENSES													
SEED FERTILIZER	\$76.25 \$112.05	\$150.20	\$175.00 \$193.05	\$202.50 \$193.05	\$20.50	\$7.92 \$490.38	\$7.92 \$459.25	\$67.38 \$327.00	\$600.00 \$965.25	\$600.00 \$714.60	\$716.00 \$714.60	\$90.00 \$414.15	\$144.00 \$347.20
CHEMICALS	\$0.00	\$130.20	\$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		\$79.19											
CANAL WATER		\$133.00	\$97.00	\$97.00	\$85.00	\$85.00	\$46.67	\$93.00	\$119.67	\$109.00	\$119.67	\$126.33	\$133.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$44.28	\$35.56	\$98.57	\$99.21	\$31.64	\$61.50	\$67.07	\$19.16	\$88.19	\$80.22	\$80.22	\$102.82	\$84.34
FUEL-IRRIGATION REPAIRS	\$5.85 \$13.19	\$0.00 \$6.21	\$0.00 \$27.87	\$0.00 \$28.07	\$0.00 \$8.45	\$15.59 \$18.66	\$0.00 \$20.55	\$5.85 \$5.36	\$5.85 \$26.03	\$5.85 \$23.71	\$5.85 \$23.71	\$0.00 \$24.85	\$0.00 \$23.18
CUSTOM CHARGES	\$73.33	\$53.20	\$27.87 \$116.03	\$128.30	\$6.45 \$16.80	\$2.125.98	\$20.55	\$5.36 \$10.00	\$5,305.93	\$3,091.04	\$3.611.72	\$24.85	\$23.16 \$1.038.33
LAND TAXES	\$13.33	\$9.44	\$9.44	\$9.44	\$9.44	\$9.44	\$2,022.23	\$9.44	\$9.44	\$9.44	\$9.44	\$9.44	\$9,44
OTHER EXPENSES	\$0.56	\$86.58	\$86.88	\$86.89	\$86.00	\$86.73	\$86.82	\$85.83	\$87.39	\$87.19	\$87.38	\$87.79	\$87.44
TOTAL CASH EXPENSES	\$325.51	\$567.78	\$840.15	\$942.89	\$316.39	\$3,012.28	\$2,970.22	\$655.95	\$7,403.87	\$4,861.63	\$5,509.09	\$2,832.01	\$2,072.73
RETURN OVER CASH EXPENSES	(\$325.51)	\$1,084.22	\$1,154.85	\$189.11	\$107.61	\$2,421.72	(\$0.22)	\$1,894.05	\$2,736.13	\$1,085.12	\$389.66	\$7,877.99	\$2,477.27
FIXED EXPENSES	\$42.04	\$170.52	\$102.36	\$102.77	\$17.71	\$52.98	\$33.19	\$27.30	\$54.43	\$50.32	\$50.63	\$49.14	\$39.83
TOTAL EXPENSES	\$367.55	\$738.29	\$942.51	\$1,045.66	\$334.09	\$3,065.27	\$3,003.41	\$683.25	\$7,458.30	\$4,911.95	\$5,559.72	\$2,881.15	\$2,112.57
NET FARM INCOME	(\$367.55)	\$913.71	\$1,052.49	\$86.34	\$89.91	\$2,368.73	(\$33.41)	\$1,866.75	\$2,681.70	\$1,034.80	\$339.03	\$7,828.85	\$2,437.43
LABOR AND MANAGEMENT COSTS	\$74.21	\$200.94	\$247.80	\$191.97	\$65.65	\$230.70	\$170.53	\$214.29	\$408.99	\$350.29	\$380.51	\$338.37	\$305.06
NET OPERATING PROFIT	(\$441.76)	\$712.77	\$804.69	(\$105.63)	\$24.26	\$2,138.03	(\$203.94)	\$1,652.45	\$2,272.71	\$684.50	(\$41.47)	\$7,490.48	\$2,132.37
CAPITAL COSTS INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT		\$16.38 \$25.56	\$30.42 \$50.41	\$28.28 \$50.64	\$7.94 \$11.72	\$49.41 \$40.13	\$52.17 \$22.30	\$22.83 \$18.83	\$122.65 \$36.50	\$93.28 \$34.52	\$102.34 \$34.52	\$53.48 \$30.48	\$47.88 \$26.12
TOTAL CAPITAL COSTS	\$0.00	\$41.93	\$80.83	\$78.92	\$19.66	\$89.54	\$74.47	\$41.66	\$159.15	\$127.79	\$136.86	\$83.96	\$74.00
RETURN TO LAND AND RISK	(\$441.76)	\$670.84	\$723.86	(\$184.55)	\$4.59	\$2,048.49	(\$278.41)	\$1,610.80	\$2,113.56	\$556.71	(\$178.34)	\$7,406.52	\$2,058.37

Flex Computation 876.63 -31.15 34.02 1,656.92 1656.929

Table 20. Whole farm budget summary, Dona Ana and Sierra Counties, Projected 2022

Projected 2022					
GROSS RETURNS					
ALFALFA HAY CROP	160	ACRES	\$264,320		
PIMA COTTON	17	ACRES			
LINT SEED			\$31,365 \$2,550		
UPLAND COTTON	149.00	ACRES	\$0		
LINT SEED			\$138,868 \$29,800		
PROGRAM PAYMENT			\$0		
PLC PAYMENT GRAIN SORGHUM	17	ACRES	\$0		
CROP		7101120	\$7,208		
PROGRAM PAYMENT PLC PAYMENT			\$0 \$0		
SPRING LETTUCE	10	ACRES			
CROP FALL LETTUCE	50	ACRES	\$54,340		
CROP CORN SILAGE	17	ACRES	\$148,500		
CROP	.,	HORLO	\$43,350		
FALL ONIONS	20	ACRES	\$0		
CROP			\$202,800		
MIDSEASON YELLOW ONIONS CROP	20	ACRES	\$118,935		
SWEET SPANISH ONIONS	20	ACRES			
CROP GREEN CHILE	15	ACRES	\$117,975		
GREEN			\$160,650		
RED RED CHILE	15	ACRES	\$0		
RED			\$68,250		
GROSS RETURN				•	\$1,388,911
CASH OPERATING EXPENSES SEED			\$79,997		
FERTILIZER			\$153,295		
CHEMICALS CROP INSURANCE			\$47,085 \$1,400		
OTHER PURCHASED INPUTS			\$12,670		
CANAL WATER FUEL, OIL & LUBRICANTS-EQU	JIPMENT		\$54,448 \$36,532		
FUEL-IRRIGATION			\$840		
REPAIRS CUSTOM CHARGES			\$9,816 \$437,672		
LAND TAXES OTHER EXPENSES			\$4,816 \$44,295		
			Ψ44,233	****	
TOTAL CASH EXPENSE RETURN OVER CASH EXPENSES				\$882,865	\$506,046
FIXED EXPENSES	,		\$35,742		ψ300,040
TOTAL EXPENSES			ψου,. 1 <u>2</u>	\$918,608	
NET FARM INCOME					\$470,303
LABOR AND MANAGEMENT COST	TS		\$115,975		ψσ,σσσ
NET OPERATING PROFIT	. •		ψ.10,010		\$354,328
CAPITAL COSTS					,
INTEREST ON OPERATING CA			\$18,863 \$17,486		
TOTAL CAPITAL COSTS	3		-	\$36,349	
RETURN TO LAND AND RISK				,	\$317,980
	RETURN		RETURN ON		
LAND VALUE	TO RISK*		INVESTMENT**		
\$3,000 /ACRE	\$285,730		20.91%		
\$5,000 /ACRE \$7,000 /ACRE	\$264,230 \$242,730		13.15% 9.59%		
\$9,000 /ACRE \$11,000 /ACRE	\$221,230 \$199,730		7.55% 6.22%		
ψ11,000 /AONE	φισσ,/ 50		0.22%		

^{*} 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)