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 2016

Planting Dates: August 1 - October 1

ITEM	PRICE	QUANTITY	PURCHASED INPUTS					TOTAL
PURCHASED INPUTS								
SEED	\$6.00	25.00 LBS	\$150.00					\$150.00
PHOSPHATE (P2O5)	\$0.63	90.00 LBS	\$56.70					\$56.70
HERBICIDE	\$27.47	1.00 X/ACRE	\$27.47					\$27.47
PUMP WATER* CANAL WATER		6 AC. IN. 6.00 AC. IN.						
SUBTOTAL			\$234.17				_	\$234.17
			,					*==
	POWER	ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	185 HP	0.14 HR		\$1.05	\$3.70	\$1.31	\$2.32	\$8.38
CHISEL	185 HP	0.20 HR		\$1.50	\$5.28	\$1.54	\$3.48	\$11.80
PLOW	185 HP	0.38 HR		\$2.85	\$10.04	\$4.55	\$7.51	\$24.95
DISC (2X)	185 HP	0.28 HR		\$2.10	\$7.40	\$2.63	\$4.63	\$16.75
LASER PLANE (CUSTOM)			\$73.33					\$73.33
FERTILIZE	140 HP	0.05 HR		\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC & SPRAY	140 HP	0.17 HR		\$1.28	\$4.49	\$1.78	\$3.48	\$11.02
BORDER DISC	40 HP	0.05 HR		\$0.38	\$0.45	\$0.10	\$1.94	\$2.86
DRILL	140 HP	0.21 HR		\$1.58	\$3.94	\$1.14	\$10.05	\$16.70
IRRIGATE (2X)		1.50 HR		\$11.25	\$7.59	\$0.00	\$8.13	\$26.97
SUBTOTAL		2.98 HR	\$73.33	\$22.35	\$43.82	\$13.26	\$41.99	\$194.76
OVERHEAD EXPENSES								
DOWNTIME		1.17 HR		\$8.79				\$8.79
EMPLOYEE BENEFITS				\$4.02				\$4.02
INSURANCE			\$0.45					\$0.45
SUPERVISION AND MANAGEMENT				\$32.27				\$32.27
SUBTOTAL		1.17 HR	\$0.45	\$45.08				\$45.53
TOTAL OPERATING EXPENSES		4.15 HR	\$307.95	\$67.43	\$43.82	\$13.26	\$41.99	\$474.46

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 2016

Harvest Dates: June 1 - October 1 ITEM YIELD **PRICE** TOTAL **GROSS RETURNS** ALFALFA HAY \$205.00 8.00 TONS (STACKED) \$1,640.00 \$1,640.00 TOTAL **PURCHASED FIXED PRICE INPUTS** PURCHASED INPUTS QUANTITY COST TOTAL NITROGEN (N) \$0.48 35 LBS \$16.80 \$16.80 PHOSPHATE (P2O5) 90 LBS \$56.70 \$56.70 \$0.63 INSECTICIDE (CUSTOM) \$14.74 1 X/ACRE \$14.74 \$14.74 WIRE \$1.68 69 LBS \$115.18 \$115.18 **ESTABLISHMENT:** Principal 4 YEARS \$118.61 \$118.61 \$15.26 \$15.26 : Interest PUMP WATER* 0 AC. IN. 60 AC. IN. CANAL WATER \$123.00 \$123.00 SUBTOTAL \$326.42 \$133.88 \$460.30 **POWER** ACCOMPLISHMENT PURCHASED FUEL & FIXED PREHARVEST OPERATIONS LABOR LUBE **REPAIRS** COST UNIT RATE **INPUTS** TOTAL \$4.94 SPRAYER 140 HP 0.11 HR \$0.83 \$2.06 \$0.60 \$1.46 **FERTILIZE** 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 \$0.47 \$2.00 IRRIGATE (10X) 5.00 HR \$37.50 \$0.00 \$0.00 \$0.00 \$37.50 \$38.70 \$3.00 \$1.92 \$44.44 SUBTOTAL 5.16 HR \$0.81 HARVEST OPERATIONS 14 FT SWATHER (5X) 0.55 HR \$4.13 \$5.25 \$0.80 \$24.85 \$35.02 BALER, PTO (5X) 140 HP 1.05 HR \$7.88 \$19.69 \$4.73 \$12.43 \$44.72 \$60.80 BALELOADER (CUSTOM) \$60.80 1.60 HR \$60.80 \$12.00 \$24.94 \$5.53 \$37.27 \$140.54 SUBTOTAL **OVERHEAD EXPENSES** DOWNTIME 0.43 HR \$3.21 \$3.21 **EMPLOYEE BENEFITS** \$9.13 \$9.13 **INSURANCE** \$1.01 \$1.01 \$8.83 LAND TAXES \$8.83 SUPERVISION AND MANAGEMENT \$120.68 \$120.68 OTHER EXPENSES \$85.18 \$85.18 0.43 HR \$86.19 \$133.01 \$8.83 \$228.03 SUBTOTAL \$473.41 \$873.32 TOTAL OPERATING EXPENSES 7.03 HR \$183.71 \$27.94 \$6.34 \$181.90 **NET OPERATING PROFIT** \$766.68 INTEREST ON OPERATING CAPITAL \$166.70 5.50% \$9.17 INTEREST ON EQUIPMENT INVESTMENT \$18.27 RETURN TO LAND AND RISK \$739.25 *Pump water costs are shown under irrigation in the preharvest operation section.

	BUDGET S	UMMARY	
GROSS RETURN		\$1,640.00	
VARIABLE OPERATING EXPENSES	\$507.70		
RETURN OVER VARIABLE EXPENSES		\$1,132.30	(GROSS MARGIN)
FIXED EXPENSES	\$181.90		
NET FARM INCOME		\$950.40	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$183.71		
NET OPERATING PROFIT		\$766.68	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$27.44		
RETURN TO LAND AND RISK		\$739.25	

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 2016
Planting Dates: April 15 - April 30

ITEM	PRICE	YIELD						TOTA
GROSS RETURNS LINT SEED	\$0.95 \$0.08	750.00 LBS 1,200.00 LBS						\$712.5 \$96.0
DIRECT PAYMENT	\$0.00	750.00 LBS						\$0.0
TOTAL							-	\$808.5
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED NITROGEN (N) PHOSPHATE (P2O5) HERBICIDE CROP INSURANCE PUMP WATER*	\$5.24 \$0.48 \$0.63 \$34.15 \$2.94	25 LBS 120 LBS 50 LBS 1 X/ACRE	\$2.94					\$131.0 \$57.6 \$31.5 \$34.1 \$2.9
CANAL WATER		33 AC. IN.	\$87.00					\$87.0
SUBTOTAL			\$344.19				=	\$344.1
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC CHISEL PLOW DISC DISC & SPRAY FERTILIZE LISTER PRE-IRRIGATE HARROW ROLLING CULT PLANTER HARROW ROLLING CULT (3X) ROTO BUCK (2X) ROPEWICK IRRIGATE (4X)	140 HP 140 HP 140 HP 140 HP 140 HP 140 HP 40 HP 40 HP 40 HP 140 HP 40 HP 40 HP 40 HP	0.14 HR 0.20 HR 0.38 HR 0.14 HR 0.15 HR 0.05 HR 0.18 HR 0.75 HR 0.32 HR 0.21 HR 0.26 HR 0.32 HR 0.32 HR 0.10 HR 0.03 HR 0.03 HR 0.010 HR 2.00 HR		\$1.05 \$1.50 \$2.85 \$1.05 \$1.13 \$0.38 \$1.35 \$5.63 \$2.40 \$1.58 \$1.95 \$2.40 \$4.73 \$0.23 \$0.75 \$15.00	\$3.70 \$5.28 \$10.04 \$3.70 \$3.96 \$0.94 \$4.75 \$0.00 \$2.87 \$1.88 \$4.88 \$2.87 \$11.82 \$0.27 \$0.90 \$0.00	\$1.31 \$1.54 \$4.55 \$1.31 \$1.57 \$0.22 \$1.38 \$0.00 \$0.35 \$0.75 \$1.56 \$0.35 \$4.30 \$0.03 \$0.11 \$0.00	\$2.32 \$3.48 \$7.51 \$2.32 \$3.07 \$0.47 \$3.27 \$0.00 \$0.42 \$0.52 \$6.32 \$0.42 \$6.79 \$0.21 \$0.23 \$0.00	\$8.36 \$11.8 \$24.96 \$8.36 \$9.76 \$10.76 \$5.66 \$6.06 \$4.76 \$6.06 \$27.66 \$0.76 \$1.90 \$158.46
HARVEST OPERATIONS								
COTTON PICKER (2X) COTTON TRAILER (2X) GIN COTTON (CUSTOM)	2-ROW HALF TON	1.24 HR 1.00 HR	\$116.03	\$9.30 \$7.50	\$19.12 \$0.00	\$8.87 \$0.81	\$38.55 \$28.78	\$75.8 \$37.0 \$116.0
SUBTOTAL		2.24 HR	\$116.03	\$16.80	\$19.12	\$9.68	\$67.32	\$228.9
POSTHARVEST OPERATION								
SHREDDER	40 HP	0.29 HR		\$2.18	\$2.60	\$0.37	\$1.08	\$6.2
OVERHEAD EXPENSES								
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEM	ENT	1.41 HR	\$1.26	\$10.58 \$7.91 \$62.17			\$8.83	\$10.5 \$7.9 \$1.2 \$8.8 \$62.1
OTHER EXPENSES			\$85.18					\$85.1
SUBTOTAL		1.41 HR	\$86.44	\$80.65			\$8.83	\$175.9
TOTAL OPERATING EXPENSES		9.80 HR	\$546.65	\$143.58	\$79.59	\$29.37	\$114.56	\$913.7
NET OPERATING PROFIT INTEREST ON OPERATING CAI INTEREST ON EQUIPMENT INV		(\$264.32 @	5.50%)				-\$105.2 \$14.5 \$36.4
	LOTIVILINI							
RETURN TO LAND AND RISK								(\$156.28

r ump water costs are shown under imgation in the prei	BUDGET S		
GROSS RETURN		\$808.50	
VARIABLE OPERATING EXPENSES	\$655.61		
RETURN OVER VARIABLE EXPENSES		\$152.89	(GROSS MARGIN)
FIXED EXPENSES	\$114.56		
NET FARM INCOME		\$38.33	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$143.58		
NET OPERATING PROFIT		(\$105.25)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$51.03		

(\$156.28)

RETURN TO LAND AND RISK

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 2016
Planting Dates: April 15 - April 30

NET OPERATING PROFIT

RETURN TO LAND AND RISK

INTEREST ON OPERATING CAPITAL

INTEREST ON EQUIPMENT INVESTMENT

GROSS RETURNS	FIXED COST FIXED COST \$2.32 \$3.48 \$7.51 \$2.32 \$3.48	\$720 \$128 \$0 \$143 \$991 TOT \$200 \$57 \$31 \$34 \$73 \$0 \$483 TOT \$8 \$11 \$24
SEED \$0.08 1,600 LBS DIRECT PAYMENT \$0.0000 1,000 LBS 0.85	FIXED COST \$2.32 \$3.48 \$7.51 \$2.32	\$128 \$0 \$143 \$991 TOT \$200 \$57 \$31 \$34 \$73 \$0 \$87 \$483
DIRECT PAYMENT \$0.0000	FIXED COST \$2.32 \$3.48 \$7.51 \$2.32	\$0 \$143 \$991 TOT \$200 \$57 \$31 \$34 \$73 \$0 \$483 TOT \$8 \$11
TOTAL PURCHASED INPUTS	FIXED COST \$2.32 \$3.48 \$7.51 \$2.32	\$143 \$991 TOT \$200 \$57 \$31 \$34 \$73 \$0 \$87 \$483 TOT \$8 \$11
TOTAL PURCHASED INPUTS	FIXED COST \$2.32 \$3.48 \$7.51 \$2.32	\$991 TOT \$200 \$57 \$31 \$34 \$73 \$0 \$87 \$483
PURCHASED INPUTS PRICE QUANTITY PURCHASED S8.00 S8.00 25 LBS \$200.00 NITROGEN (N) \$0.48 120 LBS \$57.60 PHOSPHATE (P205) \$0.63 50 LBS \$31.50 HERBIGIDE \$34.15 INSECTICIDE \$73.31 1 X/ACRE \$73.31 CROP INSURANCE \$0.34 PUMP WATER' CANAL WATER ACCOMPLISHMENT PURCHASED PREHARVEST OPERATIONS POWER UNIT ACCOMPLISHMENT RATE PURCHASED INPUTS LABOR FUEL & REPAIRS REPAIRS REPAIRS B1.05 \$3.70 \$1.31 CHISEL 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.20 HR \$1.50 \$5.28 \$1.54 PLOW 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.20 HR \$1.50 \$5.28 \$1.54 \$1.50 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.15 HR \$1.28 \$1.50 \$5.28 \$1.54 \$1.50 S5.28 \$1.54 \$1.55 S5.70 \$1.31 PERIFILIZE 140 HP 0.05 HR \$3.03 \$5.94 \$1.78 FERTILIZE 140 HP 0.15 HR \$1.28 \$2.40 \$2.87 \$3.13 PELERRIGATE 0.75 HR \$2.40 \$2.87 \$3.35 ROLLING CULT 40 HP 0.21 HR \$1.58 \$1.58 \$1.88 \$0.75 ROLLING CULT 40 HP 0.22 HR \$2.40 \$2.87 \$3.35 ROLLING CULT 40 HP 0.32 HR \$2.40 \$2.87 \$3.35 ROLLING CULT 40 HP 0.32 HR \$2.40 \$2.87 \$3.35 ROLLING CULT 40 HP 0.32 HR \$3.48 \$3.45 \$3.45 S1.58 \$4.89 \$5.156 \$5.00	FIXED COST \$2.32 \$3.48 \$7.51 \$2.32	\$200 \$57 \$31 \$34 \$73 \$0 \$87 \$483
PURCHASED INPUTS	FIXED COST \$2.32 \$3.48 \$7.51 \$2.32	\$200 \$57 \$31 \$34 \$73 \$0 \$87 \$483
PRICE QUANTITY INPUTS	FIXED COST \$2.32 \$3.48 \$7.51 \$2.32	\$200 \$57 \$31 \$34 \$73 \$0 \$87 \$483
SEED	FIXED COST \$2.32 \$3.48 \$7.51 \$2.32	\$200 \$57 \$31 \$34 \$73 \$0 \$87 \$483
NITROGEN (N)	\$2.32 \$3.48 \$7.51 \$2.32	\$57 \$31 \$34 \$73 \$0 \$87 \$483 TO1 \$8 \$11
PHOSPHATE (P205) \$ 0.63 \$ 50 LBS \$ \$31.50 HERBICIDE \$ \$34.15 1 X/ACRE \$ 34.15 INSECTICIDE \$ \$73.31 1 X/ACRE \$ \$73.31 CROP INSURANCE \$ 0.34	\$2.32 \$3.48 \$7.51 \$2.32	\$31 \$34 \$73 \$0 \$87 \$483 TO1 \$8 \$11
HERBICIDE	\$2.32 \$3.48 \$7.51 \$2.32	\$34 \$73 \$0 \$87 \$483 TO1 \$8 \$11
NSECTICIDE	\$2.32 \$3.48 \$7.51 \$2.32	\$73 \$0 \$87 \$483 TO1 \$8 \$11
NSECTICIDE	\$2.32 \$3.48 \$7.51 \$2.32	\$73 \$0 \$87 \$483 TO1 \$8 \$11
CROP INSURANCE PUMP WATER* CANAL WATER SUBTOTAL POWER UNIT RATE INPUTS BY 1.05 \$3.70 \$1.31 CHISEL 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.38 HR \$2.85 \$10.04 \$4.55 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.38 HR \$2.85 \$10.04 \$4.55 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.15 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.16 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.17 HR \$1.05 \$3.70 \$1.31 DISC \$140 HP 0.17 HR \$1.05 \$3.70 \$1.31 DISC \$140 HP 0.18 HR \$1.05 \$3.70 \$1.31 DISC \$140 HP 0.17 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 075 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.32 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.59 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT 40 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 40 HP 0.03 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 40 HP 0.03 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 40 HP 0.03 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 40 HP 0.03 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 5.88 HR \$44.10 \$58.39 \$19.53	\$2.32 \$3.48 \$7.51 \$2.32	\$0 \$87 \$483 TOT \$8 \$11
PUMP WATER* CANAL WATER SUBTOTAL POWER UNIT RATE PURCHASED INPUTS LABOR LUBE REPAIRS PLUBE REPAIRS DISC 140 HP 0.14 HR 1.05 \$3.70 \$1.31 CHISEL 140 HP 0.20 HR \$1.50 \$5.28 \$1.54 PLOW 140 HP 0.38 HR \$2.85 \$10.04 \$4.55 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC \$3.70 \$1.31 CHISEL 140 HP 0.38 HR \$2.85 \$10.04 \$4.55 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC \$3.70 \$1.31 DISC \$4.75 \$1.50 DISC \$1.40 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC \$5.87 DISC \$1.40 HP 0.17 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE HARROW 40 HP 0.32 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.32 HR \$5.63 \$0.00 \$0.00 DISC \$1.80 DISC \$1	\$2.32 \$3.48 \$7.51 \$2.32	\$87 \$483 TO1 \$8 \$11
SUBTOTAL POWER ACCOMPLISHMENT PURCHASED INPUTS LABOR LUBE REPAIRS DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.20 HR \$1.50 \$5.28 \$1.54 PLOW 140 HP 0.38 HR \$1.50 \$3.70 \$1.31 DISC \$140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC \$1.05 \$1.05 \$3.70 \$1.31 DISC \$1.05 \$	\$2.32 \$3.48 \$7.51 \$2.32	\$483 TOT \$8 \$11
PREHARVEST OPERATIONS DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.20 HR \$1.50 \$5.28 \$1.54 PLOW 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL PLOW 140 HP 0.38 HR \$2.85 \$10.04 \$4.55 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL PLOW 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL PLOW 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL PLOW 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL 140 HP 0.15 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.32 HR \$5.63 \$0.00 \$0.00 S0.00 HARROW 40 HP 0.32 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HARROW 40 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 2.00 HR \$44.10 \$58.39 \$19.53	\$2.32 \$3.48 \$7.51 \$2.32	TO1 \$8 \$11
DISC	\$2.32 \$3.48 \$7.51 \$2.32	\$8 \$11
DISC	\$2.32 \$3.48 \$7.51 \$2.32	\$8 \$11
DISC CHISEL 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 CHISEL PLOW 140 HP 0.38 HR \$2.85 \$10.04 \$4.55 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC & SPRAY 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC & SPRAY 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC & SPRAY 140 HP 0.17 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE HARROW 40 HP 0.32 HR \$5.63 \$0.00 \$0.00 FINANCE HARROW 40 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HARROW 40 HP 0.32 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HOP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HARROW 40 HP 0.03 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HOP 0.063 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) HOP 0.01 HR \$0.075 \$0.90 \$0.11 IRRIGATE (4X) SUBTOTAL 5.88 HR \$44.10 \$58.39 \$19.53	\$2.32 \$3.48 \$7.51 \$2.32	\$8 \$11
CHISEL PLOW 140 HP 0.20 HR \$1.50 \$5.28 \$1.54 PLOW 140 HP 0.38 HR \$2.85 \$10.04 \$4.55 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC & SPRAY 140 HP 0.17 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.32 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.22 HR \$1.58 \$1.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HO HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HO HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HO HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HO HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HO HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HO HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HO HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) HO HP 0.32 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) HO HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK HO HP 0.10 HR \$0.75 \$0.90 \$0.01 SUBTOTAL 4ARVEST OPERATIONS	\$3.48 \$7.51 \$2.32	\$11
PLOW 140 HP 0.38 HR \$2.85 \$10.04 \$4.55 DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC & SPRAY 140 HP 0.17 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT 40 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.32 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) \$2.00 HR \$15.00 \$0.00 \$0.00 \$0.00 \$1.53 \$1.55 \$1.	\$7.51 \$2.32	
DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC & SPRAY 140 HP 0.17 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 PARTICLE 140 HP 0.32 HR \$5.63 \$0.00 \$0.00 PARTICLE 140 HP 0.32 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.32 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 PARTICLE 140 HP 0.32 HR \$1.95 \$4.88 \$1.56 PLANTER 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 PROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 PROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 PROPEWICK 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 PROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 PRICE 14X PROPERATIONS	\$2.32	ድ ጋ /
DISC 140 HP 0.14 HR \$1.05 \$3.70 \$1.31 DISC & SPRAY 140 HP 0.17 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 PARTICLE PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 \$0.00 PARTICLE PRE-IRRIGATE 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 PARTICLE PRE-IRRIGATE 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 PLANTER 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 PROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 PROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 PROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 PROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 PRICE PRE-IRRIGATE (4X) \$2.00 HR \$15.00 \$0.00 \$0.00 PROPERATIONS	\$2.32	Φ 24
DISC & SPRAY 140 HP 0.17 HR \$1.28 \$4.49 \$1.78 FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 PLANTER 140 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) \$2.00 HR \$15.00 \$0.00 \$0.00 \$0.00 \$19.53 \$19.53 \$19.53 \$19.53 \$19.53 \$19.53 \$19.53 \$19.53		\$8
FERTILIZE 140 HP 0.05 HR \$0.38 \$0.94 \$0.22 LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT 40 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) \$2.00 HR \$15.00 \$0.00 \$0.00 \$19.50 \$19.53	Ψ0.10	\$11
LISTER 140 HP 0.18 HR \$1.35 \$4.75 \$1.38 PRE-IRRIGATE 0.75 HR \$5.63 \$0.00 \$0.00 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT 40 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 2.00 HR \$15.00 \$0.00 \$0.00	\$0.47	\$2
PRE-IRRIGATE HARROW HARROW HO HP	\$3.27	\$10
HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT 40 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 2.00 HR \$15.00 \$0.00 \$0.00 \$0.00 \$19.53 \$19.53		
ROLLING CULT 40 HP 0.21 HR \$1.58 \$1.88 \$0.75 PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 2.00 HR \$15.00 \$0.00	\$0.00	\$5
PLANTER 140 HP 0.26 HR \$1.95 \$4.88 \$1.56 HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 2.00 HR \$15.00 \$0.00 \$0.00 SUBTOTAL	\$0.42	\$6
HARROW 40 HP 0.32 HR \$2.40 \$2.87 \$0.35 ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 2.00 HR \$15.00 \$0.00 \$0.00 \$0.00 \$19.53 \$19.53	\$0.52	\$4
ROLLING CULT (3X) 140 HP 0.63 HR \$4.73 \$11.82 \$4.30 ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 2.00 HR \$15.00 \$0.00 \$0.00 \$0.00 \$19.53 \$19.53	\$6.32	\$14
ROTO BUCK (2X) 40 HP 0.03 HR \$0.23 \$0.27 \$0.03 ROPEWICK 40 HP 0.10 HR \$0.75 \$0.90 \$0.11 IRRIGATE (4X) 2.00 HR \$15.00 \$0.00 \$0.00 SUBTOTAL 5.88 HR \$44.10 \$58.39 \$19.53	\$0.42	\$6
ROPEWICK IRRIGATE (4X) 40 HP 0.10 HR 2.00 HR \$0.75 \$0.90 \$0.11 \$0.00 SUBTOTAL 5.88 HR \$15.00 \$0.00 \$0.00 HARVEST OPERATIONS 5.88 HR \$44.10 \$58.39 \$19.53	\$6.79	\$27
IRRIGATE (4X) 2.00 HR \$15.00 \$0.00 SUBTOTAL 5.88 HR \$44.10 \$58.39 \$19.53	\$0.21	\$0
SUBTOTAL 5.88 HR \$44.10 \$58.39 \$19.53 HARVEST OPERATIONS	\$0.23	\$1
HARVEST OPERATIONS	\$0.00	\$15
	\$37.74	\$159
COTTON PICKER (2X) 2-ROW 1.24 HR \$9.30 \$19.12 \$8.87		
	\$38.55	\$75
COTTON TRAILER (2X) HALF TON 1.00 HR \$7.50 \$0.00 \$0.81	\$28.78	\$37
GIN COTTON (CUSTOM) \$128.30		\$128
SUBTOTAL 2.24 HR \$128.30 \$16.80 \$19.12 \$9.68	\$67.32	\$241
POSTHARVEST OPERATIONS		
SHREDDER 40 HP 0.29 HR \$2.18 \$2.60 \$0.37	\$1.08	\$6
	•	**
OVERHEAD EXPENSES		
DOWNTIME 1.42 HR \$10.61		\$10
EMPLOYEE BENEFITS \$11.35		\$11
INSURANCE \$1.26		\$1
LAND TAXES	\$8.83	\$8
SUPERVISION AND MANAGEMENT \$74.99	ψυ.υυ	\$74
OTHER EXPENSES \$85.18		\$74 \$85
SUBTOTAL 1.42 HR \$86.44 \$96.95	\$8.83	\$192
	ψυ.υა	
TOTAL OPERATING EXPENSES 9.83 HR \$698.64 \$160.03 \$80.11 \$29.58	\$114.97	\$1,083

*Pump water costs are shown under irrigation in the pre-	eharvest oper	ation section.	
	BUDGET	SUMMARY	
		^	
GROSS RETURN		\$991.55	
VARIABLE OPERATING EXPENSES	\$808.33		
RETURN OVER VARIABLE EXPENSES		\$183.21	(GROSS MARGIN)
FIXED EXPENSES	\$114.97		
NET FARM INCOME		\$68.25	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$160.03		
NET OPERATING PROFIT		(\$91.78)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$51.79		
RETURN TO LAND AND RISK		(\$143.57)	

(\$275.26 @

5.50%

-\$91.78

\$15.14

\$36.65

(\$143.57)

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 2016

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

Harvest Dates: Septemb			
ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			
GRAIN SORGHUM	\$5.91	40.00 CWT	\$236.57
DIRECT PAYMENT	\$0.00	40.00 CWT	\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00	0.00 CWT	\$0.00
TOTAL			\$236.57

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$1.70	10 LBS	\$17.00					\$17.00
HERBICIDE INSECTICIDE PUMP WATER*	\$23.45 \$35.19	1 X/ACRE 1 X/ACRE 0 AC. IN.	•					\$23.45 \$35.19
CANAL WATER CROP INSURANCE	\$2.94	24 AC. IN.	\$75.00 \$2.94				_	\$75.00 \$2.94
SUBTOTAL			\$153.59					\$153.59
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
			1141 010					
DISC CHISEL	140 HP 140 HP	0.14 HR 0.20 HR		\$1.05 \$1.50	\$2.63 \$3.75	\$1.13 \$1.28	\$1.61 \$2.47	\$6.42 \$9.00
DISC & SPRAY	140 HP	0.17 HR		\$1.28	\$3.19	\$1.56	\$2.62	\$8.64
LISTER	140 HP	0.18 HR		\$1.35	\$3.38	\$1.14	\$2.37	\$8.23
PLANTER	140 HP	0.26 HR		\$1.95	\$4.88	\$1.56	\$6.32	\$14.70
ROTO BUCK (3X)	40 HP	0.05 HR		\$0.34	\$0.40	\$0.05	\$0.31	\$1.10
ROLLING CULT (2X)	40 HP	0.42 HR		\$3.15	\$3.77	\$1.49	\$1.04	\$9.46
IRRIGATE (4X)		2.00 HR		\$15.00	\$0.00	\$0.00	\$0.00	\$15.00
SUBTOTAL		3.42 HR		\$25.61	\$21.99	\$8.21	\$16.75	\$72.56
HARVEST OPERATIONS								
COMBINE (CUSTOM) HAUL (CUSTOM)			\$9.60 \$7.20					\$9.60 \$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		\$2.18	\$2.60	\$0.37	\$1.08	\$6.23
OVERHEAD EXPENSES								
DOWNTIME		0.43 HR		\$3.20				\$3.20
EMPLOYEE BENEFITS			•	\$5.00				\$5.00
INSURANCE			\$0.56				# 0.00	\$0.56
LAND TAXES				#40.00			\$8.83	\$8.83
SUPERVISION AND MANAGEMENT OTHER EXPENSES			\$85.18	\$18.68				\$18.68 \$85.18
SUBTOTAL		0.43 HR	\$85.73	\$26.88			\$8.83	\$121.44
TOTAL OPERATING EXPENSES		4.13 HR	\$256.12	\$54.67	\$24.59	\$8.58	\$26.65	\$370.61
NET OPERATING PROFIT								(\$134.04)
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	-	(\$86.49 @	5.50%)				\$4.76 \$8.15
RETURN TO LAND AND RISK								(\$146.95)
<u> </u>								

*Pump water costs are shown under irrigation in the pre	harvest opera BUDGET S		
GROSS RETURN		\$236.57	
VARIABLE OPERATING EXPENSES	\$289.29		
RETURN OVER VARIABLE EXPENSES		(\$52.72)	(GROSS MARGIN)
FIXED EXPENSES	\$26.65		
NET FARM INCOME		(\$79.37)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$54.67		
NET OPERATING PROFIT		(\$134.04)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$12.91		
RETURN TO LAND AND RISK		(\$146.95)	

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 2016

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

Tialvest Dates. IV			
ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS SPRING LETTUCE	\$6.34	475 CARTONS	\$3,011.50
TOTAL			\$3,011.50

PURCHASED INPUTS	PRICE	QUANTI	τ∨	PURCHASED INPUTS				FIXED COST	TOTAL
F ONCHASED INFOTS	TRIOL	QUAINTI	1 1	1141 010				0001	TOTAL
SEED	\$1.89		LBS	\$7.56					\$7.56
NITROGEN (N)	\$0.48	250		\$120.00					\$120.00
PHOSPHATE (P205)	\$0.63	175		\$110.25					\$110.25
INSECTICIDE PUMP WATER*	\$44.84		X/ACRE AC. IN.	\$134.52					\$134.52
CANAL WATER			AC. IN. AC. IN.	\$75.00					\$75.00
SUBTOTAL			_	\$447.33					\$447.33
				·					·
	POWER	ACCOMPLISH	HMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE		INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
-									
DISC	140 HP	0.14			\$1.05	\$2.63	\$1.13	\$1.61	\$6.42
CHISEL	140 HP	0.20			\$1.50	\$3.75	\$1.28	\$2.47	\$9.00
PLOW	140 HP	0.38			\$2.85	\$7.13	\$4.06	\$5.59	\$19.63
DISC (2X)	140 HP	0.28	HR		\$2.10	\$5.25	\$2.26	\$3.22	\$12.83
LASER PLANE (CUSTOM)				\$73.33				.	\$73.33
FERTILIZE	140 HP	0.05			\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC	140 HP	0.14			\$1.05	\$2.63	\$1.13	\$1.61	\$6.42
LISTER	140 HP	0.18			\$1.35	\$3.38	\$1.14	\$2.37	\$8.23
PRE-IRRIGATE		0.75			\$5.63	\$2.25	\$0.00	\$2.41	\$10.28
ROLLING CULT	40 HP	0.21			\$1.58	\$1.88	\$0.75	\$0.52	\$4.73
VEG-PLANT SHAPER	140 HP	0.26			\$1.95	\$4.88	\$1.32	\$4.52	\$12.67
CULT & SIDEDRESS (2X)	140 HP	0.66			\$4.95	\$12.38	\$4.71	\$7.67	\$29.71
ROLLING CULT (3X)	40 HP	0.21	HR		\$1.58	\$1.88	\$0.75	\$0.52	\$4.73
THIN & HOE (CUSTOM)				\$120.00					\$120.00
DUSTER (CUSTOM)				\$5.00					\$5.00
ROTO BUCK (8X)	40 HP	0.12			\$0.90	\$1.08	\$0.13	\$0.83	\$2.95
IRRIGATE (8X)		4.00	HR		\$30.00	\$18.00	\$0.00	\$19.26	\$67.26
SUBTOTAL		7.58	HR	\$198.33	\$56.85	\$68.04	\$18.87	\$53.08	\$395.17
HARVEST OPERATIONS									
LIADVECT (CLICTOM)				4070 75					#070 7 5
HARVEST (CUSTOM)				\$878.75 \$403.75					\$878.75 \$403.75
CARTONS (CUSTOM)				•					\$403.75 \$142.50
HAUL (CUSTOM) BROKERAGE (CUSTOM)				\$142.50 \$278.56					\$142.50 \$278.56
BROKERAGE (CUSTOW)				φ276.5 0					Φ270.30
SUBTOTAL		0.00	HR	\$1,703.56	\$0.00	\$0.00	\$0.00	\$0.00	\$1,703.56
OVERHEAD EXPENSES									
DOWNTIME		0.71	HR		\$5.31				\$5.31
EMPLOYEE BENEFITS		0.71	1 111		\$10.23				\$10.23
INSURANCE				\$1.14	ψ10.23				\$1.14
LAND TAXES				Ψι.ιτ				\$8.83	\$8.83
SUPERVISION AND MANAGEMENT					\$111.92			ψ0.00	\$111.92
OTHER EXPENSES				\$85.18	ψ111.0 <u>2</u>				\$85.18
SUBTOTAL		0.71	HR	\$86.32	\$127.46			\$8.83	\$222.61
TOTAL OPERATING EXPENSES		8.29	HR	\$2,435.54	\$184.31	\$68.04	\$18.87	\$61.91	\$2,768.67
NET OPERATING PROFIT									\$242.83
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTI		(\$436.94	@	5.50%)				\$24.03 \$27.74
RETURN TO LAND AND RISK									\$191.06

*Pump water costs are shown under irrigation in the preharvest operation section	١.
BUDGET SUMMARY	

GROSS RETURN \$3,011.50
VARIABLE OPERATING EXPENSES \$2,522.45
RETURN OVER VARIABLE EXPENSES \$489.05

\$489.05 (GROSS MARGIN) \$61.91 FIXED EXPENSES NET FARM INCOME \$427.14 (RETURN TO CAPITAL, LABOR, LAND & RISK) LABOR AND MANAGEMENT COST \$184.31 NET OPERATING PROFIT \$242.83 (RETURN TO CAPITAL, LAND & RISK) CAPITAL COSTS \$51.77 RETURN TO LAND AND RISK \$191.06

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 2016

ITEM	PRICE	YIELD						TOTA
GROSS RETURNS FALL LETTUCE	\$6.07	500 CAR1	TONS					\$3,035.00
TOTAL								\$3,035.00
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED NITROGEN (N) PHOSPHATE (P205) HERBICIDE INSECTICIDE PUMP WATER*	\$1.96 \$0.48 \$0.63 \$22.46 \$262.51	4 LBS 250 LBS 150 LBS 1 X/ACI 1 X/ACI 0 AC. II	RE \$262.51					\$7.84 \$120.00 \$94.50 \$22.46 \$262.51
CANAL WATER		40 AC. II	N. \$46.67					\$46.67
SUBTOTAL			\$553.97					\$553.97
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHME RATE	NT PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC CHISEL PLOW DISC (2X)	140 HP 140 HP 140 HP 140 HP	0.14 HR 0.20 HR 0.38 HR 0.28 HR		\$1.05 \$1.50 \$2.85 \$2.10	\$2.63 \$3.75 \$7.13 \$5.25	\$1.13 \$1.28 \$4.06 \$2.26	\$1.61 \$2.47 \$5.59 \$3.22	\$6.42 \$9.00 \$19.63 \$12.83
LASER PLANE (CUSTOM) FERTILIZE DISC & SPRAY LISTER PRE-IRRIGATE	140 HP 140 HP 140 HP	0.05 HR 0.17 HR 0.18 HR 0.75 HR	\$72.50	\$0.38 \$1.28 \$1.35 \$5.63	\$0.94 \$3.19 \$3.38 \$0.00	\$0.22 \$1.56 \$1.14 \$0.00	\$0.47 \$2.62 \$2.37 \$0.00	\$72.50 \$2.00 \$8.64 \$8.23 \$5.63
ROLLING CULT VEG-PLANT SHAPER CULT & SIDEDRESS (2X) ROLLING CULT (3X) THIN & HOE (CUSTOM)	40 HP 140 HP 140 HP 40 HP	0.21 HR 0.26 HR 0.66 HR 0.63 HR	\$160.00	\$1.58 \$1.95 \$4.95 \$4.73	\$1.88 \$4.88 \$12.38 \$5.65	\$0.75 \$1.32 \$4.71 \$2.24	\$0.52 \$4.52 \$7.67 \$1.57	\$4.73 \$12.67 \$29.71 \$14.19 \$160.00
DUSTER (CUSTOM) ROTO BUCK (8X) IRRIGATE (8X)	40 HP	0.12 HR 4.00 HR	\$15.00	\$0.90 \$30.00	\$1.08 \$0.00	\$0.13 \$0.00	\$0.83 \$0.00	\$15.00 \$2.95 \$30.00
SUBTOTAL		8.03 HR	\$247.50	\$60.23	\$52.13	\$20.79	\$33.47	\$414.11
HARVEST OPERATIONS HARVEST (CUSTOM) CARTONS (CUSTOM) HAUL (CUSTOM) BROKERAGE (CUSTOM)			\$925.00 \$425.00 \$150.00 \$280.74					\$925.00 \$425.00 \$150.00 \$280.74
SUBTOTAL			\$1,780.74					\$1,780.74
OVERHEAD EXPENSES								
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES		0.82 HR	\$1.20 \$85.18	\$6.15 \$10.84 \$69.69			\$8.83	\$6.15 \$10.84 \$1.20 \$8.83 \$69.69 \$85.18
SUBTOTAL		0.82 HR	\$86.38	\$86.68			\$8.83	\$181.89
TOTAL OPERATING EXPENSES		8.85 HR	\$2,668.59	\$146.90	\$52.13	\$20.79	\$42.29	\$2,930.71
NET OPERATING PROFIT								\$104.29
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	NT	\$505.49 @	5.50%)				\$27.80 \$15.51
RETURN TO LAND AND RISK								\$60.98
*Pump water costs are shown under irriga	·	ation section. SUMMARY						
GROSS RETURN VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES FIXED EXPENSES NET FARM INCOME	\$2,741.51 \$42.29	,	ROSS MARGIN) TURN TO CAPITAL,	LABOR, LAN	D & RISK)			
LABOR AND MANAGEMENT COST NET OPERATING PROFIT CAPITAL COSTS	\$146.90 \$43.31	\$104.29 (RE	TURN TO CAPITAL,	LAND & RISK	ζ)			

\$43.31

\$60.98

CAPITAL COSTS

RETURN TO LAND AND RISK

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 2016
Planting Dates: January 1 - January 15
Harvest Dates: July 1 - July 15

		, ,	
TOTAL	YIELD	PRICE	ITEM
\$1,350.00	30.00 TONS	\$45.00	GROSS RETURNS CORN SILAGE
\$1,350,00			TOTAL

CONTOLLAGE	Ψ-5.00		30.00 10110						ψ1,550.00
TOTAL									\$1,350.00
PURCHASED INPUTS	PRICE		QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$2.84		22 LBS	\$62.48					\$62.48
			300 LBS						\$144.00
NITROGEN (N)	\$0.48 \$0.63		0 LBS	\$144.00 \$0.00					\$0.00
PHOSPHATE (P205) ROUNDUP	\$0.63 \$22.00		2 X/ACRE	\$0.00 \$44.00					\$44.00
	Ψ22.00			Ψ-1.00					Ψ+1.00
PUMP WATER*			6 AC. IN. 30 AC. IN.	ድርያ ሰር					¢02.00
CANAL WATER CROP INSURANCE	ድ ጋ በ4		30 AC. IIV.	\$83.00					\$83.00
SUBTOTAL	\$2.94			\$2.94 \$336.42				•	\$2.94 \$336.42
SOBTOTAL				φ330.42					φ330.42
	POWER		ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT		RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP		0.14 HR		\$1.05	\$2.63	\$1.13	\$1.61	\$6.42
CHISEL	140 HP		0.20 HR		\$1.50	\$3.75	\$1.28	\$2.47	\$9.00
FERTILIZE	140 HP		0.05 HR		\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC	140 HP		0.17 HR		\$1.28	\$3.19	\$1.56	\$2.62	\$8.64
BORDER DISC	40 HP		0.05 HR		\$0.38	\$0.45	\$0.10	\$1.94	\$2.86
DRILL	140 HP		0.21 HR		\$1.58	\$3.94	\$1.14	\$10.05	\$16.70
IRRIGATE (4X)			2.00 HR		\$15.00	\$7.59	\$0.00	\$8.13	\$30.72
SUBTOTAL		_	2.82 HR		\$21.15	\$22.48	\$5.42	\$27.29	\$76.34
HARVEST OPERATIONS									
CUT AND HAUL (DAIRY OWNED)				\$10.00					\$10.00
SUBTOTAL		_		\$10.00					\$10.00
POSTHARVEST OPERATIONS									
OVERHEAD EXPENSES									
DOWNTIME			0.21 HR		\$1.54				\$1.54
EMPLOYEE BENEFITS			0.21 TIK		\$3.81				\$3.81
INSURANCE				\$0.42	φ3.01				\$0.42
LAND TAXES				φ0.42				\$8.83	\$8.83
SUPERVISION AND MANAGEMENT					\$96.91			φο.ο3	яо.оз \$96.91
OTHER EXPENSES				\$85.18	φ90.91				\$85.18
		_							•
SUBTOTAL		_	0.21 HR	\$85.60	\$102.25			\$8.83	\$196.68
TOTAL OPERATING EXPENSES		_	3.03 HR	\$432.02	\$123.40	\$22.48	\$5.42	\$36.11	\$619.44
NET OPERATING PROFIT									\$730.56
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMEN	NT	(\$176.02 @	5.50%)				\$9.68 \$13.00
RETURN TO LAND AND RISK									\$707.87

*Pump water costs a	are shown unde	r irrigation	in the preharves	t operation section.
			BUD	GET SUMMARY

GROSS RETURN		\$1,350.00	
VARIABLE OPERATING EXPENSES	\$459.92		
RETURN OVER VARIABLE EXPENSES		\$890.08	(GROSS MARGIN)
FIXED EXPENSES	\$36.11		
NET FARM INCOME		\$853.96	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$123.40		
NET OPERATING PROFIT		\$730.56	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$22.69		
RETURN TO LAND AND RISK		\$707.87	

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 2016
Planting Dates: October 1 - October 15
Harvesting Dates: June 1 - July 15 K03-09-05

ITEM	PRICE	YIELD						TOT
GROSS RETURNS FALL ONIONS	\$8.02	1,200.00 SACKS						\$9,624.0
TOTAL								\$9,624.0
								, , , , , , , , , , , , , , , , , , , ,
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED NITROGEN (N)	\$140.00 \$0.48	6 LBS 600 LBS	\$840.00 \$288.00					\$840.0 \$288.0
PHOSPHATE (P2O5)	\$0.63	250 LBS	\$157.50					\$157.5
HERBICIDE	\$26.92	2 X/ACRE	•					\$53.8
INSECTICIDE PUMP WATER*	\$103.67	2 X/ACRE 6 AC. IN.	\$207.34					\$207.
CANAL WATER		50 AC. IN.	\$109.67					\$109.6
SUBTOTAL			\$1,656.35					\$1,656.3
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	ТОТ
DIGG	440 UD	0.44 LID		Ф4 O.Б	#0.00	#4.40	#4.04	# 0.4
DISC CHISEL	140 HP 140 HP	0.14 HR 0.20 HR		\$1.05 \$1.50	\$2.63 \$3.75	\$1.13 \$1.28	\$1.61 \$2.47	\$6.4 \$9.0
PLOW	140 HP	0.20 HR 0.38 HR		\$1.50 \$2.85	\$3.73 \$7.13	\$1.26 \$4.06	\$5.59	\$9.0 \$19.6
DISC (2X)	140 HP	0.28 HR		\$2.10	\$5.25	\$2.26	\$3.22	\$12.8
LASER PLANE (CUSTOM)			\$73.33			_		\$73.3
FERTILIZE	140 HP	0.05 HR		\$0.38	\$0.94	\$0.22 \$4.56	\$0.47	\$2.0
DISC & SPRAY LISTER	140 HP 140 HP	0.17 HR 0.18 HR		\$1.28 \$1.35	\$3.19 \$3.38	\$1.56 \$1.14	\$2.62 \$2.37	\$8.6 \$8.2
PRE-IRRIGATE	140111	0.75 HR		\$5.63	\$0.54	\$0.00	\$0.58	\$6.7
ROD WEEDER	40 HP	0.08 HR		\$0.60	\$0.72	\$0.15	\$1.57	\$3.0
ROLLING CULT	40 HP	0.21 HR		\$1.58	\$1.88	\$0.75	\$0.52	\$4.7
VEG PLANT-SHAPER	140 HP	0.26 HR		\$1.95	\$4.88	\$1.32	\$4.52	\$12.6
CULT & SIDEDRESS (4X)	140 HP	1.32 HR		\$9.90	\$24.76	\$9.41	\$15.35	\$59.4
ROLLING CULT (2X)	40 HP	0.42 HR	¢120.00	\$3.15	\$3.77	\$1.49	\$1.04	\$9.4
THIN & HOE (CUSTOM) ROTO BUCK (9X)	40 HP	0.14 HR	\$120.00	\$1.01	\$1.21	\$0.15	\$0.94	\$120.0 \$3.3
IRRIGATE (13X)	40111	6.50 HR		\$48.75	\$7.05	\$0.00	\$7.55	\$63.3
SUBTOTAL		11.08 HR	\$193.33	\$83.06	\$71.07	\$24.91	\$50.42	\$422.7
HARVEST OPERATIONS								
ONION KNIVES	80 HP	0.27 HR		\$2.03	\$5.06	\$1.43	\$4.31	\$12.8
HARVEST & HAUL (CUSTOM)	00111	0.27	\$1,320.00	Ψ2.00	ψ5.00	Ψ1.43	Ψ4.51	\$1,320.0
BAG RENTAL			\$120.00					\$120.0
FIELD LOAD (CUSTOM)			\$0.00					\$0.0
PROCESSING (CUSTOM)			\$2,280.00					\$2,280.0
CONTAINER CHARGE			\$480.00					\$480.0
BROKERAGE (CUSTOM)			\$866.16					\$866.1
SUBTOTAL		0.27 HR	\$5,066.16	\$2.03	\$5.06	\$1.43	\$4.31	\$5,078.9
OVERHEAD EXPENSES								
DOWNTIME		1.02 HR		\$7.68				\$7.6
EMPLOYEE BENEFITS				\$14.95				\$14.9
INSURANCE			\$1.66				40.00	\$1.6
LAND TAXES				¢246.45			\$8.83	\$8.8
SUPERVISION AND MANAGEMENT OTHER EXPENSES			\$85.18	\$246.15				\$246.1 \$85.1
SUBTOTAL		1.02 HR	\$86.84	\$268.78			\$8.83	\$364.4
TOTAL OPERATING EXPENSES		12.37 HR	\$7,002.68	\$353.86	\$76.13	\$26.34	\$63.56	\$7,522.5
NET OPERATING PROFIT								\$2,101.4
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT		\$1,322.68 @	5.50%)				\$72.7 \$25.3
RETURN TO LAND AND RISK								\$2,003.3
*Pump water costs are shown under irrigation		ition section.						
CDOSS DETI IDNI	BUDGET							
GROSS RETURN VARIABLE OPERATING EXPENSES	\$7,105.15	\$9,624.00						
RETURN OVER VARIABLE EXPENSES	φι,100.10	\$2,518.85 (GRC	SS MARGIN)					
FIXED EXPENSES NET FARM INCOME	\$63.56		JRN TO CAPITAL, LA	ABOR, LAND	& RISK)			
LABOR AND MANAGEMENT COST NET OPERATING PROFIT	\$353.86		JRN TO CAPITAL. L		,			

\$2,101.43 (RETURN TO CAPITAL, LAND & RISK)

\$98.07

\$2,003.36

NET OPERATING PROFIT

RETURN TO LAND AND RISK

CAPITAL COSTS

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 2016
Planting Dates: January 1 - January 31

RETURN TO LAND AND RISK

Planting Dates: January 1 - Harvest Dates: July 1 - July	-								
ITEM	PRICE	YIELD							TOTAL
GROSS RETURNS MIDSEASON YELLOWS	\$8.34	675.00 S	SACKS						\$5,629.50
TOTAL									\$5,629.50
				PURCHASED				FIXED	
PURCHASED INPUTS	PRICE	QUANTIT	ΓΥ	INPUTS				COST	TOTAL
SEED NITROGEN (N)	\$179.00 \$0.48	4 L 450 L		\$716.00 \$216.00					\$716.00 \$216.00
PHOSPHATE (P205)	\$0.48 \$0.63	180 L		\$113.40					\$113.40
HERBICIDE	\$78.37		(/ACRE	\$78.37					\$78.37
INSECTICIDE PUMP WATER*	\$91.87		(/ACRE AC. IN.	\$91.87					\$91.87
CANAL WATER			C. IN.	\$99.00					\$99.00
SUBTOTAL				\$1,314.64					\$1,314.64
	POWER	ACCOMPLISH	HMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE		INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC CHISEL	140 HP 140 HP	0.14 H 0.20 H			\$1.05 \$1.50	\$2.63 \$3.75	\$1.13 \$1.28	\$1.61 \$2.47	\$6.42 \$9.00
PLOW	140 HP 140 HP	0.20 H 0.38 H			\$1.50 \$2.85	\$3.75 \$7.13	\$1.28 \$4.06	\$2.47 \$5.59	\$9.00 \$19.63
DISC (2X)	140 HP	0.28 H			\$2.10	\$5.25	\$2.26	\$3.22	\$12.83
LASER PLANE (CUSTOM) FERTILIZE	140 HP	0.05 H	1D	\$73.33	\$0.38	\$0.94	\$0.22	\$0.47	\$73.33 \$2.00
DISC & SPRAY	140 HP	0.03 H			\$0.38 \$1.28	\$3.19	\$0.22 \$1.56	\$0.47 \$2.62	\$2.00 \$8.64
LISTER	140 HP	0.18 H			\$1.35	\$3.38	\$1.14	\$2.37	\$8.23
PRE-IRRIGATE ROD WEEDER	40 HP	0.75 H 0.08 H			\$5.63 \$0.60	\$0.63 \$0.72	\$0.00 \$0.15	\$0.68 \$1.57	\$6.93 \$3.04
ROLLING CULT	40 HP	0.21 H			\$1.58	\$1.88	\$0.75	\$0.22	\$4.42
VEG PLANT-SHAPER	140 HP	0.26 H			\$1.95	\$4.88	\$1.32	\$4.52	\$12.67
CULT & SIDEDRESS (3X) ROLLING CULT (2X)	140 HP 40 HP	0.99 H 0.42 H			\$7.43 \$3.15	\$18.57 \$3.77	\$7.06 \$1.49	\$11.51 \$1.04	\$44.56 \$9.46
HOE (CUSTOM)	40111	0.42		\$120.00	ψο. το	ψ0.77	Ψ1.40	Ψ1.04	\$120.00
ROTO BUCK (9X) IRRIGATE (11X)	40 HP	0.14 H 5.50 H			\$1.01 \$41.25	\$1.21 \$6.96	\$0.15 \$0.00	\$0.94 \$7.45	\$3.31 \$55.66
SUBTOTAL		9.75 H	łR	\$193.33	\$73.09	\$64.88	\$22.56	\$46.28	\$400.13
HARVEST OPERATIONS									
ONION KNIVES	140 HP	0.27 H	I R		\$2.03	\$5.06	\$1.43	\$4.31	\$12.82
HARVEST & HAUL (CUSTOM) BAG RENTAL				\$742.50					\$742.50
FIELD LOAD				\$67.50 \$0.00					\$67.50 \$0.00
PROCESSING				\$1,282.50					\$1,282.50
CONTAINER CHARGE BROKERAGE (CUSTOM)				\$270.00 \$506.66					\$270.00 \$506.66
, ,		0.07.11	ID.		Ф0.00	Φ.Γ. 0.0	04.40	# 4.04	
SUBTOTAL		0.27 H	IK	\$2,869.16	\$2.03	\$5.06	\$1.43	\$4.31	\$2,881.97
OVERHEAD EXPENSES					•				
DOWNTIME EMPLOYEE BENEFITS		0.40 H	łR		\$2.98 \$13.52				\$2.98 \$13.52
INSURANCE				\$1.50	Ψ10.02				\$1.50
LAND TAXES					# 005.05			\$8.83	\$8.83
SUPERVISION AND MANAGEMENT OTHER EXPENSES				\$85.18	\$205.85				\$205.85 \$85.18
SUBTOTAL		0.40 H	łR	\$86.68	\$222.35			\$8.83	\$317.86
TOTAL OPERATING EXPENSES		10.41 H	łR	\$4,463.80	\$297.46	\$69.94	\$23.98	\$59.41	\$4,914.61
NET OPERATING PROFIT									\$714.89
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTME	(ENT	\$966.61	@	5.50%)				\$53.16 \$23.94
RETURN TO LAND AND RISK									\$637.79
*Pump water costs are shown under irriga		eration section.							
GROSS RETURN		\$5,629.50							
VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES	\$4,557.73		(GROS	S MARGIN)					
FIXED EXPENSES NET FARM INCOME	\$59.41	\$1,012.36	•	RN TO CAPITAL,	I AROD I AN	ND & DIGIZI			
LABOR AND MANAGEMENT COST	\$297.46	ψ1,012.30	(IVE I UI	IN TO CAPITAL,	LADOR, LAI	יח מ עוטע)			
NET OPERATING PROFIT	ф т т 40	\$714.89	(RETUI	RN TO CAPITAL,	LAND & RIS	K)			
CAPITAL COSTS RETURN TO LAND AND RISK	\$77.10	\$637.79							

\$637.79

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 2016

Planting Dates: January 15 - February 15

ITEM	PRICE		YIELD						TOTA
GROSS RETURNS SWEET SPANISH	\$7.64		825.00 SAC	ks					\$6,303.00
TOTAL	Ψ		0_0.00 0/10						\$6,303.00
TOTAL									\$6,303.00
PURCHASED INPUTS	PRICE		QUANTITY	PURCHASED INPUTS)			FIXED COST	ТОТА
SEED	\$179.00		4 LBS	\$716.00					\$716.00
NITROGEN (N) PHOSPHATE (P2O5)	\$0.48 \$0.63		450 LBS 180 LBS	\$216.00 \$113.40					\$216.00 \$113.40
HERBICIDE	\$78.37		1 X/AC	RE \$78.37	7				\$78.37
INSECTICIDE PUMP WATER*	\$91.78		1 X/AC 6 AC. I	* -	3				\$91.78
CANAL WATER			50 AC. I		7				\$109.67
SUBTOTAL				\$1,325.21	ı				\$1,325.21
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLISHME RATE	ENT PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	ТОТА
				1141-013					
DISC CHISEL	140 HP 140 HP		0.14 HR 0.20 HR		\$1.05 \$1.50	\$2.63 \$3.75	\$1.13 \$1.28	\$1.61 \$2.47	\$6.42 \$9.00
PLOW	140 HP		0.38 HR		\$2.85	\$7.13 \$5.25	\$4.06	\$5.59	\$19.63
DISC (2X) LASER PLANE (CUSTOM)	140 HP		0.28 HR	\$73.33	\$2.10 3	\$5.25	\$2.26	\$3.22	\$12.83 \$73.33
FERTILIZE	140 HP		0.05 HR 0.17 HR		\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC & SPRAY LISTER	140 HP 140 HP		0.17 HR 0.18 HR		\$1.28 \$1.35	\$3.19 \$3.38	\$1.56 \$1.14	\$2.62 \$2.37	\$8.64 \$8.23
PRE-IRRIGATE			0.75 HR		\$5.63	\$0.54	\$0.00	\$0.58	\$6.75
ROD WEEDER ROLLING CULT	40 HP 40 HP		0.08 HR 0.21 HR		\$0.60 \$1.58	\$0.72 \$1.88	\$0.15 \$0.75	\$1.57 \$0.52	\$3.04 \$4. 7 3
VEG PLANT-SHAPER	140 HP		0.26 HR		\$1.95	\$4.88	\$1.32	\$4.52	\$12.67
CULT & SIDEDRESS (3X) ROLLING CULT (2X)	140 HP 40 HP		0.99 HR 0.42 HR		\$7.43 \$3.15	\$18.57 \$3.77	\$7.06 \$1.49	\$11.51 \$1.04	\$44.56 \$9.46
THIN & HOE (CUSTOM)				\$120.00)		Ψ1.40		\$120.00
ROTO BUCK (9X) IRRIGATE (13X)	40 HP		0.14 HR 6.50 HR		\$1.01 \$48.75	\$1.21 \$7.05	\$0.15 \$0.00	\$0.94 \$7.55	\$3.31 \$63.35
SUBTOTAL		•	10.75 HR	\$193.33	8 \$80.59	\$64.88	\$22.56	\$46.58	\$407.94
HARVEST OPERATIONS									
ONION KNIVES HARVEST & HAUL (CUSTOM)	140 HP		0.27 HR	\$907.50		\$5.06	\$1.43	\$4.31	\$12.82 \$907.50
BAG RENTAL FIELD LOAD				\$82.50 \$0.00					\$82.50 \$0.00
PROCESSING				\$1,567.50					\$1,567.50
CONTAINER CHARGE BROKERAGE (CUSTOM)				\$330.00 \$567.27					\$330.00 \$567.27
SUBTOTAL			0.27 HR	\$3,454.77		\$5.06	\$1.43	\$4.31	\$3,467.59
OVERHEAD EXPENSES			0.27 HK	ъ 5,454.77	φ2.03	φ5.06	φ1.43	Ф4.3 Ι	Ф 3,467.58
			0.00 HD		#4.67				Φ4.C7
DOWNTIME EMPLOYEE BENEFITS			0.62 HR		\$4.67 \$14.87				\$4.67 \$14.87
INSURANCE				\$1.65	5			#0.00	\$1.65
LAND TAXES SUPERVISION AND MANAGEMENT					\$210.91			\$8.83	\$8.83 \$210.91
OTHER EXPENSES				\$85.18	3				\$85.18
SUBTOTAL			0.62 HR	\$86.83				\$8.83	\$326.11
TOTAL OPERATING EXPENSES			11.64 HR	\$5,060.14	\$313.06	\$69.94	\$23.98	\$59.72	\$5,526.85
NET OPERATING PROFIT									\$776.15
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM	IENT	(\$1,020.69 @	5.50%	%)				\$56.14 \$23.94
RETURN TO LAND AND RISK									\$696.07
*Pump water costs are shown under irrig	•	•	ration section. SUMMARY						
000000000000000000000000000000000000000			\$6,303.00						
GROSS RETURN	Ф	5,154.07							
VARIABLE OPERATING EXPENSES	Φ		\$1 1/12 02 /01	SOSS MADGINII					
VARIABLE OPERATING EXPENSES	Φ	\$59.72	\$1,148.93 (GF	ROSS MARGIN)					
VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES FIXED EXPENSES NET FARM INCOME	Φ	•	`	ROSS MARGIN) ETURN TO CAPITAL	, LABOR, LANE) & RISK)			
VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES	Φ	\$59.72 \$313.06	\$1,089.21 (RE	,		,			

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 2016

Planting Dates: March 15 - April 10

Harvest Dates: August 15 - November	er 30
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Harvest Dates: August ITEM	PRICE	YIEL	D						ТОТА
GROSS RETURNS GREEN RED	\$490.00 \$0.00		TONS LBS						\$8,820.00 \$0.00
TOTAL									\$8,820.0
				DUDOUAGED				FIVED	
PURCHASED INPUTS	PRICE	QUANT	TITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED	\$36.40	5	LBS	\$182.00					\$182.0
NITROGEN (N)	\$0.48		LBS	\$144.00					\$144.0
PHOSPHATE (P205) HERBICIDE	\$0.63 \$89.73		LBS X/ACRE	\$44.10 \$89.73					\$44.1 \$89.7
INSECTICIDE	\$55.89	1	X/ACRE	\$55.89					\$55.8
NEMATICIDE (CUSTOM) CROP INSURANCE	\$55.15		X/ACRE DOLLAF	·					\$55.15 \$40.0
PUMP WATER*			AC. IN.	ν ψτο.σο					φ+0.00
CANAL WATER		55	AC. IN.	\$116.33					\$116.3
SUBTOTAL				\$727.20					\$727.20
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLIS RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC CHISEL	140 HP 140 HP	0.14 0.20			\$1.05 \$1.50	\$2.63 \$3.75	\$1.13 \$1.28	\$1.61 \$2.47	\$6.42 \$9.00
PLOW	140 HP	0.38	HR		\$2.85	\$7.13	\$4.06	\$5.59	\$19.63
DISC (2X) LASER PLANE (CUSTOM)	140 HP	0.28	HR	\$73.33	\$2.10	\$5.25	\$2.26	\$3.22	\$12.83 \$73.33
FERTILIZE	140 HP	0.05	HR	ψ/ 3.33	\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC & SPRAY	140 HP	0.17			\$1.28	\$3.19	\$1.56	\$2.62	\$8.64
LISTER PRE-IRRIGATE	140 HP	0.18 0.75			\$1.35 \$5.63	\$3.38 \$0.00	\$1.14 \$0.00	\$2.37 \$0.00	\$8.23 \$5.63
ROLLING CULT	40 HP	0.21			\$1.58	\$1.88	\$0.75	\$0.52	\$4.73
VEG PLANT-SHAPER	140 HP	0.26			\$1.95	\$4.88	\$1.32 \$1.40	\$4.52	\$12.67
ROLLING CULT (2X) CULTIVATOR (3X)	40 HP 40 HP	0.42 0.63			\$3.15 \$4.73	\$3.77 \$5.65	\$1.49 \$2.24	\$1.04 \$1.57	\$9.46 \$14.19
CULT & SIDEDRESS (2X)	140 HP	0.66	HR		\$4.95	\$12.38	\$4.71	\$7.67	\$29.7
THINNING (CUSTOM) HOEING (CUSTOM)				\$70.00 \$80.00					\$70.00 \$80.00
ROTO BUCK (7X) IRRIGATE (10X)	40 HP	0.11 5.00		Q 00.00	\$0.79 \$37.50	\$0.94 \$0.00	\$0.12 \$0.00	\$0.73 \$0.00	\$2.58 \$37.50
SUBTOTAL		9.44	HR	\$223.33	\$70.76	\$55.76	\$22.27	\$34.41	\$406.53
HARVEST OPERATIONS									
HARVEST GREEN (CUSTOM)				\$3,600.00					\$3,600.00
HARVEST RED (CUSTOM) HAUL (TRAILER) (3X)	40 HP	2.40	HR	\$0.00	\$18.00	\$21.54	\$2.66	\$14.01	\$0.00 \$56.2
FORK LIFT (3X)	RENTAL	1.05		\$10.00	\$7.88	Ψ21.04	Ψ2.00	Ψ14.01	\$17.88
HAUL (CUSTOM)				\$225.00					\$225.00
SUBTOTAL		3.45	HR	\$3,835.00	\$25.88	\$21.54	\$2.66	\$14.01	\$3,899.08
POSTHARVEST OPERATIONS									
SHREDDER	40 HP	0.29	HR		\$2.18	\$2.60	\$0.37	\$1.08	\$6.23
OVERHEAD EXPENSES									
DOWNTIME FMDLOVEE DENEETS		1.86	HR		\$13.92				\$13.92 \$47.70
EMPLOYEE BENEFITS INSURANCE				\$1.98	\$17.79				\$17.79 \$1.98
LAND TAXES				•				\$8.83	\$8.83
SUPERVISION AND MANAGEMENT OTHER EXPENSES	Ī			\$85.18	\$157.27				\$157.27 \$85.18
SUBTOTAL		1.86	HR	\$87.15	\$188.98			\$8.83	\$284.97
TOTAL OPERATING EXPENSES		15.03	HR	\$4,872.69	\$287.79	\$79.91	\$25.29	\$58.32	\$5,324.0
NET OPERATING PROFIT									\$3,495.99
INTEREST ON OPERATING CAPITA INTEREST ON EQUIPMENT INVEST		(\$760.79	@	5.50%)				\$41.84 \$21.35
RETURN TO LAND AND RISK									\$3,432.80
						-			

VARIABLE OPERATING EXPENSES \$4,977.89 RETURN OVER VARIABLE EXPENSES \$3,842.11 (GROSS MARGIN) \$58.32 FIXED EXPENSES NET FARM INCOME \$3,783.79

(RETURN TO CAPITAL, LABOR, LAND & RISK) LABOR AND MANAGEMENT COST \$287.79 (RETURN TO CAPITAL, LAND & RISK) NET OPERATING PROFIT \$3,495.99

CAPITAL COSTS \$63.19 RETURN TO LAND AND RISK \$3,432.80

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 2016
Planting Dates: March 15 - April 10
Harvest Dates: August 15 - November 30

ITEM PRICE YIELD TOTAL GROSS RETURNS RED \$0.73 \$3,285.00 4,500.00 LBS

NED	ψ0.73	4,300.00 LDO						ψ0,200.00
TOTAL								\$3,285.00
			PURCHASED				FIXED	
PURCHASED INPUTS	PRICE	QUANTITY	INPUTS				COST	TOTAL
SEED	\$36.40	8 LBS	\$291.20					\$291.20
NITROGEN (N)	\$0.48	250 LBS	\$120.00					\$120.00
PHOSPHATE (P205)	\$0.63	60 LBS	\$37.80					\$37.80
HERBICIDE	\$89.73	1 X/ACRE	\$89.73					\$89.73
INSECTICIDE	\$55.89	1 X/ACRE	\$55.89					\$55.89
NEMATICIDE (CUSTOM)	\$55.15	1 X/ACRE	\$55.15					\$55.15
CROP INSURANCE		600 DOLLARS	\$40.00					\$40.00
PUMP WATER*		0 AC. IN.						
CANAL WATER		60 AC. IN.	\$123.00					\$123.00
SUBTOTAL			\$812.77					\$812.77
	DOWED	A COOMENIA THE	DUDOUAGED				FIVED	
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP	0.14 HR		\$1.05	\$2.63	\$1.13	\$1.61	\$6.42
CHISEL	140 HP	0.20 HR		\$1.50	\$3.75	\$1.28	\$2.47	\$9.00
PLOW	140 HP	0.38 HR		\$2.85	\$7.13	\$4.06	\$5.59	\$19.63
DISC (2X)	140 HP	0.28 HR	#70.00	\$2.10	\$5.25	\$2.26	\$3.22	\$12.83
LASER PLANE (CUSTOM)	440 UD	0.05 LID	\$73.33	# 0.00	CO 04	#0.00	ФО 47	\$73.33
FERTILIZE	140 HP	0.05 HR		\$0.38	\$0.94	\$0.22	\$0.47	\$2.00
DISC & SPRAY LISTER	140 HP 140 HP	0.17 HR		\$1.28 \$1.25	\$3.19	\$1.56	\$2.62	\$8.64
PRE-IRRIGATE	140 HP	0.18 HR 0.75 HR		\$1.35 \$5.63	\$3.38 \$0.00	\$1.14 \$0.00	\$2.37 \$0.00	\$8.23 \$5.63
ROLLING CULT	40 HP	0.75 HR 0.21 HR		\$5.63 \$1.58	\$0.00 \$1.88	\$0.00 \$0.75	\$0.00 \$0.52	\$5.03 \$4.73
VEG PLANT-SHAPER	140 HP	0.21 TIR 0.26 HR		\$1.95	\$4.88	\$1.32	\$4.52	\$12.67
ROLLING CULT (2X)	40 HP	0.42 HR		\$3.15	\$3.77	\$1.49	\$1.04	\$9.46
CULTIVATOR (3X)	40 HP	0.63 HR		\$4.73	\$5.65	\$2.24	\$1.57	\$14.19
CULT & SIDEDRESS (2X)	140 HP	0.66 HR		\$4.95	\$12.38	\$4.71	\$7.67	\$29.71
THINNING (CUSTOM)	110111	0.00 1110	\$70.00	Ψ1.00	Ψ12.00	Ψ	Ψ1.01	\$70.00
HOEING (CUSTOM)			\$80.00					\$80.00
ROTO BUCK (7X)	40 HP	0.11 HR	400.00	\$0.79	\$0.94	\$0.12	\$0.73	\$2.58
IRRIGATE (11X)		5.50 HR		\$41.25	\$0.00	\$0.00	\$0.00	\$41.25
SUBTOTAL		9.94 HR	\$223.33	\$74.51	\$55.76	\$22.27	\$34.41	\$410.28
HARVEST OPERATIONS								
HARVEST (CUSTOM)			\$900.00		^-			\$900.00
HAUL (TRAILER) (3X)	40 HP	0.80 HR	# 40.00	\$6.00	\$7.18	\$0.89	\$4.67	\$18.74
FORK LIFT (3X)	RENTAL	0.30 HR	\$10.00	\$2.25				\$12.25
HAUL (CUSTOM)			\$135.00					\$135.00
SUBTOTAL		1.10 HR	\$1,045.00	\$8.25	\$7.18	\$0.89	\$4.67	\$1,065.99
POSTHARVEST OPERATIONS								
SHREDDER	40 HP	0.29 HR		\$2.18	\$2.60	\$0.37	\$1.08	\$6.23
OVERHEAD EXPENSES								
DOWNTIME		1.27 HR		\$9.52				ቀር ርር
EMPLOYEE BENEFITS		1.27 HR		\$9.52 \$15.29				\$9.52 \$15.29
INSURANCE			\$1.70	\$15.29				\$1.70
LAND TAXES			Ψ1.70				\$8.83	\$8.83
SUPERVISION AND MANAGEMENT				\$160.28			ψ0.00	\$160.28
OTHER EXPENSES			\$85.18	ψ.00.20				\$85.18
SUBTOTAL		1.27 HR	\$86.88	\$185.08			\$8.83	\$280.79
TOTAL OPERATING EXPENSES		12.59 HR	\$2,167.98	\$270.02	\$65.55	\$23.52	\$48.98	\$2,576.05
NET OPERATING PROFIT								\$708.95
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM		(\$569.73 @	5.50%)				\$31.34 \$18.24
RETURN TO LAND AND RISK	vi∟I V I							\$18.24 \$659.37
TETORIATO FUIA VIAN IVIOL								Ψυυσ.υ1

*Pump water costs are shown under irrigation in th	•	tion section. SUMMARY	
GROSS RETURN		\$3,285.00	
VARIABLE OPERATING EXPENSES	\$2,257.05		
RETURN OVER VARIABLE EXPENSES		\$1,027.95	(GROSS MARGIN)
FIXED EXPENSES	\$48.98		
NET FARM INCOME		\$978.97	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$270.02		
NET OPERATING PROFIT		\$708.95	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$49.58		
RETURN TO LAND AND RISK		\$659.37	

Table 19. Summary of per acre costs and returns for a 500 acre farm with above average management, Dona Ana and Sierra Counties, Projected 2016

	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	S LBS
PRIMARY YIELD		8.00	750.00	1,000.00	0 40.00	475.00	500.00	30.00	1,200.00	0 675.00	825.00	0 18.00	0 4,500.00
PRIMARY PRICE		\$205.00	\$0.95	\$0.72		\$6.34		\$45.00			\$7.64	-	
GOVERNMENT PAYMENTS		\$0.00	\$0.00	\$143.55		\$0.00		\$0.00		-	\$0.00		
SECOND INCOME		\$0.00	\$96.00	\$128.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSS RETURN		\$1,640.00	\$808.50	\$991.55	\$236.57	\$3,011.50	\$3,035.00	\$1,350.00	\$9,624.00	\$5,629.50	\$6,303.00	\$8,820.00	3,285.00
CASH OPERATING EXPENSES						•							
SEED	\$150.00	^	\$131.00	•	•	\$7.56		\$62.48	•	•	\$716.00	•	•
FERTILIZER	\$56.70	\$73.50	\$89.10			\$230.25	-	\$144.00	•	•	\$329.40	•	•
CHEMICALS	\$27.47	\$14.74	\$34.15		-	\$134.52	\$284.97	\$44.00	•	\$170.24	\$170.14	•	
CROP INSURANCE OTHER PURCHASED INPUTS		Φ11 5 1Ω	\$2.94	\$0.34	\$2.94			\$2.94				\$40.00	\$40.00
CANAL WATER		\$115.18 \$123.00	\$87.00	\$87.00	\$75.00	\$75.00	\$46.67	\$83.00	\$109.67	\$99.00	\$109.67	\$116.33	3 \$123.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$36.23	\$123.00 \$27.94	\$87.00 \$79.59			\$75.00 \$47.80		\$83.00 \$14.89			\$109.67 \$62.35		· ·
FUEL-IRRIGATION	\$36.23 \$7.59	\$27.94 \$0.00	\$79.59 \$0.00	\$0.00		\$47.80 \$20.25	•	\$14.89 \$7.59	-	•	\$62.35 \$7.59		
REPAIRS	\$13.26	\$6.34	\$0.00 \$29.37	\$0.00 \$29.58		\$20.25 \$18.87	\$0.00 \$20.79	\$7.59 \$5.42		•	\$23.98	· ·	· · ·
CUSTOM CHARGES	\$73.33	\$60.80	\$29.37 \$116.03	\$128.30	· ·	\$1,901.89	· ·	\$10.00	-	•	\$3,648.10	•	•
LAND TAXES	ψ. σ.σσ	\$8.83	\$8.83	\$8.83		\$8.83		\$8.83			\$8.83		
OTHER EXPENSES	\$0.45	\$86.19	\$86.44	\$86.44		\$86.32		\$85.60	•		\$86.83	· ·	· ·
TOTAL CASH EXPENSES	\$365.03	\$516.53	\$664.44	\$817.16	\$298.12	\$2,531.28	\$2,750.34	\$468.75	\$7,113.98	\$4,566.56	\$5,162.90	\$4,986.72	2 \$2,265.88
RETURN OVER CASH EXPENSES	(\$365.03)	\$1,123.47	\$144.06	\$174.38	(\$61.55)	\$480.22	\$284.66	\$881.25	\$2,510.02	\$1,062.94	\$1,140.10	\$3,833.28	3 \$1,019.12
FIXED EXPENSES	\$41.99	\$173.08	\$105.73	\$106.14	\$17.82	\$53.08	\$33.47	\$27.29	\$54.73	\$50.58	\$50.89	\$49.49	9 \$40.15
TOTAL EXPENSES	\$407.03	\$689.60	\$770.17	\$923.30	\$315.94	\$2,584.36	\$2,783.81	\$496.04	\$7,168.71	\$4,617.14	\$5,213.79	\$5,036.21	\$2,306.03
NET FARM INCOME	(\$407.03)	\$950.40	\$38.33	\$68.25	(\$79.37)	\$427.14	\$251.19	\$853.96	\$2,455.29	\$1,012.36	\$1,089.21	\$3,783.79	\$978.97
LABOR AND MANAGEMENT COSTS	\$67.43	\$183.71	\$143.58	\$160.03	\$54.67	\$184.31	\$146.90	\$123.40	\$353.86	\$297.46	\$313.06	\$287.79	\$270.02
NET OPERATING PROFIT	(\$474.46)	\$766.68	(\$105.25)	(\$91.78)	3) (\$134.04)	\$242.83	\$104.29	\$730.56	\$2,101.43	\$714.89	\$776.15	\$3,495.99	\$708.95
CAPITAL COSTS INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT		\$9.17 \$18.27	\$14.54 \$36.49			\$24.03 \$27.74		\$9.68 \$13.00			\$56.14 \$23.94		
TOTAL CAPITAL COSTS	\$0.00	\$27.44	\$51.03	\$51.79	\$12.91	\$51.77	\$43.31	\$22.69	\$98.07	\$77.10	\$80.08	\$63.19	\$49.58
RETURN TO LAND AND RISK	(\$474.46)	\$739.25	(\$156.28)	(\$143.57)	(\$146.95)	\$191.06	\$60.98	\$707.87	\$2,003.36	\$637.79	\$696.07	\$3,432.80	\$659.37

Flex Computation -14.05 -0.78 -120.97 748.16 748.161317

Table 20. Whole farm budget summary, Dona Ana and Sierra Counties, Projected 2016

GROSS RETURNS					
ALFALFA HAY	160	ACRES	0000 400		
CROP PIMA COTTON	17	ACRES	\$262,400		
LINT			\$12,113		
SEED COUNTER CYCLICAL PAYMENT			\$1,632 \$0		
UPLAND COTTON	149.00	ACRES	ΨΟ		
LINT			\$107,280		
SEED DIRECT PAYMENT			\$19,072 \$0		
COUNTER CYCLICAL PAYMENT			\$21,389		
GRAIN SORGHUM	17	ACRES	, , , , , , , , , , , , , , , , , , , ,		
CROP			\$4,022		
DIRECT PAYMENT COUNTER CYCLICAL PAYMENT			\$0 \$0		
SPRING LETTUCE	10	ACRES	**		
CROP	50	40050	\$30,115		
FALL LETTUCE CROP	50	ACRES	\$151,750		
WHEAT	17	ACRES	Ψ131,730		
CROP			\$22,950		
DIRECT PAYMENT FALL ONIONS	20	ACRES	\$0		
CROP	20	AUNES	\$192,480		
MIDSEASON YELLOW ONIONS	20	ACRES			
CROP	20	ACRES	\$112,590		
SWEET SPANISH ONIONS CROP	20	ACRES	\$126,060		
GREEN CHILE	15	ACRES	Ψ120,000		
GREEN			\$132,300		
RED RED CHILE	15	ACRES	\$0		
RED	10	ACINEO	\$49,275		
				_	*
GROSS RETURN					\$1,245,427
CASH OPERATING EXPENSES					
SEED			\$92,384		
FERTILIZER			\$71,569 \$55,440		
CHEMICALS CROP INSURANCE			\$55,443		
OTHER PURCHASED INPUTS			\$1,400 \$18,429		
CANAL WATER			\$49,848		
FUEL, OIL & LUBRICANTS-EQUIP	MENT		\$29,013		
FUEL-IRRIGATION			\$1,091		
REPAIRS			\$10,136		
CUSTOM CHARGES			\$473,938		
LAND TAXES			\$4,503		
OTHER EXPENSES			\$44,070		
TOTAL CASH EXPENSES			_	\$851,823	
DETUDN OVER CACH EVRENCES					#200 CO 4
RETURN OVER CASH EXPENSES					\$393,604
FIXED EXPENSES			\$35,445		
TOTAL EVDENCES				4007.000	
TOTAL EXPENSES				\$887,268	
NET FARM INCOME					\$358,159
LABOR AND MANAGEMENT COSTS			\$98,247		
			Ψοσ,Σ		
NET OPERATING PROFIT					\$259,912
CAPITAL COSTS					
INTEREST ON OPERATING CAPIT	ΓAL		\$10,584		
INTEREST ON EQUIPMENT INVES	STMENT		\$12,475		
TOTAL CAPITAL COSTS			_	\$23,059	
101/12 0/11 11/12 00010				Ψ20,000	
RETURN TO LAND AND RISK				-	\$236,852
			_		
	RETURN		RETURN ON		
LAND VALUE	TO RISK*		INVESTMENT**		
\$3,000 /ACRE	\$191,852 \$161,852		15.36% 9.65%		
\$5,000 /ACRE					

	RETURN	RETURN ON
LAND VALUE	TO RISK*	INVESTMENT**
\$3,000 /ACRE	\$191,852	15.36%
\$5,000 /ACRE	\$161,852	9.65%
\$7,000 /ACRE	\$131,852	7.04%
\$9,000 /ACRE	\$101,852	5.54%
\$11,000 /ACRE	\$71,852	4.57%

^{*} 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)