NUMBER OF CROPS.....12..

		WATER	USE				
ACREAGE SUMMARY:	LAND USE (ACRES)	AC. IN. PER ACRE	TOTAL AC. IN.				
	(/						
ALFALFA ESTABLISHMENT *	40.00	12	480				
ALFALFA	160.00	60	9,600				
PIMA COTTON	17.00	33	561				
ARP	0.00						
FLEX IN UPLAND COTTON	3.00	33	99				
UPLAND COTTON	119.00	33	3,927				
ARP	0.00						
FLEX IN PIMA COTTON	21.00	33	693				
GRAIN SORGHUM	17.00	24	408				
ARP	0.00						
FLEX IN UPLAND COTTON	3.00	33	99				
SPRING LETTUCE	10.00	30	300				
FALL LETTUCE *	50.00	40	2,000				
WHEAT	17.00	36	612				
ARP	0.00						
FLEX IN UPLAND COTTON	3.00	33	99				
FALL ONIONS	20.00	56	1,120				
MIDSEASON YELLOW ONIONS	20.00	48	960				
SWEET SPANISH ONIONS	20.00	56	1,120				
GREEN CHILE	15.00	55	825				
RED CHILE	15.00	60	900				
ROADS, DITCHES, HOMESTEAD	40.00						
TOTAL	500.00		23,803				
ACRE FEET PER ACRE OF WATER RIGHTS							

^{*} DOUBLE-CROPPED

TABLE 2. Basic cost information for Dona Ana and Sierra Counties, Projected 2015

Equipment operators					
Equipment operators	Labor Wage Rate:				
Purchased Inputs: Nitrogen (N)	•		\$/hour		\$8.50
Nitrogen (N)					
Phosphate (P205) \$/pound \$0.40 Canal water \$/acre \$75.00 Additional Water (over 2 acft) \$/ac ft \$16.00 Baling Wire \$/lb \$1.32 Energy: \$lb \$1.32 Butane \$/MCF \$2.60 Diesel fuel \$/gallon \$3.00 Gasoline \$/gallon \$2.00 Electricity (El Paso Elec) cents/KwHr 0.00 Natural gas (Rio Grande) \$/MCF \$3.61 Employee Liability Insurance \$/\$1,000 wages 20.00 Employee Benefits percent/wages 18.00% Labor Downtime percent/wages 18.00% Labor Downtime percent 5.50% Land Interest Rate percent 5.50% Equipment Interest Rate percent 5.00% Equipment Interest Rate percent 5.50% Real Interest Rate percent 5.50% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR	Purchased Inputs:				
Canal water \$/acre \$75.00 Additional Water (over 2 acft) \$/ac ft \$16.00 Baling Wire \$/b \$13.32 Energy: \$/mCF \$2.60 Diesel fuel \$/gallon \$3.00 Gasoline \$/gallon \$2.00 Electricity (El Paso Elec) cents/KwHr 0.00 Natural gas (Rio Grande) \$/\$1,000 wages 20.00 Employee Liability Insurance \$/\$1,000 wages 20.00 Employee Benefits percent/wages 18.00% Labor Downtime percent 25.00% Financial Rates: Operating Capital Interest Rate percent 5.50% Land Interest Rate percent 5.00% Equipment Interest Rate percent 5.00% Real Interest Rate percent 5.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed \$31.45 - R Value) \$28.23 Supervision Factors \$/labor hour<					
Additional Water (over 2 acft)					
Baling Wire \$/lb \$1.32 Energy: SUatne \$/MCF \$2.60 Diesel fuel \$/gallon \$3.00 Gasoline \$/gallon \$2.00 Electricity (El Paso Elec) cents/KwHr 0.00 Natural gas (Rio Grande) \$/MCF \$3.61 Employee Liability Insurance \$/\$1,000 wages 20.00 Employee Benefits percent/wages 18.00% Labor Downtime percent 25.00% Financial Rates: Percent 5.50% Capital Interest Rate percent 5.00% Land Interest Rate percent 5.00% Equipment Interest Rate percent 5.00% Real Interest Rate percent 3.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed \$31.45 - R Field Crop-Irrigation \$/labor hour \$0.50 Field Crop-Equipment & General \$/labor hour \$0.50 Vegetable Crop-Irrigation<			4,		
Energy: Butane					
Butane \$/MCF \$2.60 Diesel fuel \$/gallon \$3.00 Gasoline \$/gallon \$2.00 Electricity (El Paso Elec) cents/KwHr 0.00 Natural gas (Rio Grande) \$/MCF \$3.61 Employee Liability Insurance \$/\$1,000 wages 20.00 Employee Benefits percent/wages 18.00% Labor Downtime percent 25.00% Financial Rates: Operating Capital Interest Rate percent 5.0% Land Interest Rate percent 5.0% Equipment Interest Rate percent 5.50% Real Interest Rate percent 5.50% Real Interest Rate percent 5.50% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate -NR \$/\$1,000 (Assessed \$31.45 Vegresion Factors Field Crop-Irrigation \$/labor hour \$1.00 Field Crop-Equipment & General \$/labor hour \$0.50 Vegetable Crop-Irrigation \$/labor hour \$1.00			\$/lb		\$1.32
Diesel fuel Gasoline \$/gallon \$3.00 Gasoline \$/gallon \$2.00 Electricity (El Paso Elec) cents/KWHr 0.00 Natural gas (Rio Grande) \$/MCF \$3.61 Employee Liability Insurance \$/\$1,000 wages 20.00 Employee Benefits percent/wages 18.00% Labor Downtime percent 25.00% Financial Rates: Percent 5.50% Capital Interest Rate percent 5.00% Land Interest Rate percent 5.00% Equipment Interest Rate percent 5.50% Real Interest Rate percent 3.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed \$31.45 Value) \$28.23 Supervision Factors Field Crop-Equipment & General \$/labor hour \$0.50 Vegetable Crop-Irrigation \$/labor hour \$2.90 Vegetable Crop-Equip. & General \$/labor hour \$1.00 Wegetable Crop-Equip. & General \$/labor hour \$2.90 <td></td> <td></td> <td></td> <td></td> <td></td>					
Gasoline \$/gallon \$2.00 Electricity (El Paso Elec) cents/KwHr 0.00 Natural gas (Rio Grande) \$/MCF \$3.61 Employee Liability Insurance \$/\$1,000 wages 20.00 Employee Benefits percent/wages 18.00% Labor Downtime percent 25.00% Financial Rates: Operating Capital Interest Rate percent 5.00% Land Interest Rate percent 5.00% Equipment Interest Rate percent 5.00% Real Interest Rate percent 3.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed \$31.45 Versonal Property Tax Rate - NR \$/\$1,000 (Assessed \$31.45 Versonal Property Tax Rate - NR \$/\$1,000 (Assessed \$31.45 Vegetable Crop-Irrigation \$/abor hour \$1.00 Vegetable Crop-Equipment & General \$/abor hour \$0.50 Vegetable Crop-Irrigation \$/abor hour \$1.00 Vegetable Crop-E			**		
Electricity (El Paso Elec)					+
Natural gas (Rio Grande) \$/MCF \$3.61 Employee Liability Insurance Employee Benefits Labor Downtime \$/\$1,000 wages percent/wages percent/wages percent year. 20.00 Financial Rates: Description of the percent state of the percent state state percent state percent state state percent state state percent state percent state percent state state state percent state state state state state state percent state s					+-
Employee Liability Insurance					
Employee Benefits percent/wages 18.00% Labor Downtime percent 25.00% Financial Rates: percent 5.50% Operating Capital Interest Rate percent 5.00% Land Interest Rate percent 5.50% Real Interest Rate percent 3.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed Value) \$28.23 Supervision Factors Field Crop-Imigation \$/labor hour \$0.50 Field Crop-Equipment & General \$/labor hour \$0.50 Vegetable Crop-Equip. & General \$/labor hour \$2.90 Management Rate Field Crops percent/GR 7.00%	Natural gas (No Grande)		φ/IVICI-		φ3.01
Labor Downtime percent 25.00% Financial Rates: Operating Capital Interest Rate percent 5.50% Land Interest Rate percent 5.00% Equipment Interest Rate percent 5.50% Real Interest Rate percent 3.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed Value) \$28.23 Supervision Factors Field Crop-Irigation \$/labor hour \$1.00 Field Crop-Equipment & General Vegetable Crop-Irigation \$/labor hour \$0.50 Vegetable Crop-Irigation \$/labor hour \$2.90 Vegetable Crop-Equip. & General \$/labor hour \$1.00 Management Rate Field Crops percent/GR 7.00%					
Pinancial Rates: Operating Capital Interest Rate				ges	
Operating Capital Interest Rate Land Interest Rate percent 5.50% Land Interest Rate percent 5.00% Equipment Interest Rate percent 5.50% Real Interest Rate percent 3.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed Value) \$28.23 Supervision Factors Field Crop-Irrigation \$/labor hour \$1.00 Field Crop-Equipment & General Vegetable Crop-Irrigation \$/labor hour \$0.50 Vegetable Crop-Irrigation Vegetable Crop-Equip. & General \$/labor hour \$2.90 Management Rate Field Crops percent/GR 7.00%	Labor Downtime		percent		25.00%
Land Interest Rate percent 5.00% Equipment Interest Rate percent 5.50% Real Interest Rate percent 3.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed Value) \$28.23 Supervision Factors Field Crop-Irrigation \$/labor hour \$1.00 Field Crop-Equipment & General Vegetable Crop-Irrigation \$/labor hour \$0.50 Vegetable Crop-Irrigation \$/labor hour \$2.90 Management Rate Field Crops percent/GR 7.00%	Financial Rates:				
Equipment Interest Rate Percent S.50% Real Interest Rate Percent S.50% Real Interest Rate Percent S.50% Real Interest Rate Percent S.50% S.00% S.50% S.5			percent		
Real Interest Rate percent 3.00% Land Taxes \$900.00 /acre (full value) \$9.44 Personal Property Tax Rate - NR \$/\$1,000 (Assessed Value) \$31.45 Supervision Factors Field Crop-Irrigation \$/labor hour \$1.00 Field Crop-Equipment & General Vegetable Crop-Irrigation \$/labor hour \$0.50 Vegetable Crop-Equip. & General \$/labor hour \$2.90 Vegetable Crop-Fequip. & Feneral \$/labor hour \$1.00 Management Rate Field Crops percent/GR 7.00%	Land Interest Rate		percent		
Land Taxes			percent		
Personal Property Tax Rate - NR - R \$/\$1,000 (Assessed Value) \$31.45 (Assessed Value) \$28.23 (Assessed Value) \$1.00 (Assessed Value	Real Interest Rate		percent		3.00%
- R Value) \$28.23 Supervision Factors Field Crop-Irrigation \$/labor hour \$1.00 Field Crop-Equipment & General \$/labor hour \$0.50 Vegetable Crop-Irrigation \$/labor hour \$2.90 Vegetable Crop-Equip. & General \$/labor hour \$1.00 Management Rate Field Crops percent/GR 7.00%	Land Taxes	\$900.00	/acre (full va	alue)	\$9.44
Supervision Factors	Personal Property Tax Rate	- NR	\$/\$1,000	(Assessed	\$31.45
Field Crop-Irrigation	. ,	- R		Value)	\$28.23
Field Crop-Equipment & General \$/labor hour \$0.50 Vegetable Crop-Irrigation \$/labor hour \$2.90 Vegetable Crop-Equip. & General \$/labor hour \$1.00 Management Rate Field Crops percent/GR 7.00%					
Vegetable Crop-Irrigation \$/labor hour \$2.90 Vegetable Crop-Equip. & General \$/labor hour \$1.00 Management Rate Field Crops percent/GR 7.00%	Field Crop-Irrigation		\$/labor hou	r	\$1.00
Vegetable Crop-Equip. & General \$/labor hour \$1.00 Management Rate Field Crops percent/GR 7.00%			\$/labor hou	r	\$0.50
Management Rate Field Crops percent/GR 7.00%					
Field Crops percent/GR 7.00%	Vegetable Crop-Equip. & General		\$/labor hou	r	\$1.00
	Management Rate				
Vegetable Crops percent/TOE 10.00%	Field Crops		percent/GR		7.00%
	Vegetable Crops		percent/TO	E	10.00%

TABLE 3. Overhead cost information for Dona Ana and Sierra Counties, Projected 2015

Item

Electricity (Domestic & S	Shop)		\$290.40 per month	\$3,485
Telephone			\$211.75 per month	\$2,541
Accounting & Legal				\$3,200
Misc. Supplies & Hand T	ools			\$4,090
Pickup and Auto				
miles	24,200	@	\$0.500 per mile	\$12,100
Insurance				
- general liability (non-e	employee)			\$1,803
- fire/theft				\$2,716
Property Taxes				
 non-planted land 				\$0
- other than land & mad	chinery			\$0
Fixed Costs - Pump				\$3,915
Building repairs and mai	ntenance			\$1,367
Dues, fees, publications				\$411
Farmstead Equipment				\$175
			Total	\$35,805
			Total Per Planted Acre	\$81.61

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 2015

Planting Dates: August 1 - Oc	ctober 1							
ITEM	PRICE	QUANTITY	PURCHASED INPUTS					TOTAL
PURCHASED INPUTS								
SEED PHOSPHATE (P2O5) HERBICIDE PUMP WATER* CANAL WATER	\$4.80 \$0.40 \$26.84	25.00 LBS 90.00 LBS 1.00 X/ACRE 6 AC. IN. 6.00 AC. IN.	\$120.00 \$36.00 \$26.84					\$120.00 \$36.00 \$26.84
SUBTOTAL			\$182.84				=	\$182.84
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC CHISEL PLOW DISC (2X) LASER PLANE (CUSTOM) FERTILIZE DISC & SPRAY BORDER DISC DRILL IRRIGATE (2X) SUBTOTAL	185 HP 185 HP 185 HP 185 HP 140 HP 140 HP 40 HP 140 HP	0.14 HR 0.20 HR 0.38 HR 0.28 HR 0.05 HR 0.17 HR 0.05 HR 0.21 HR 1.50 HR	\$73.33 \$73.33	\$1.19 \$1.70 \$3.23 \$2.38 \$0.43 \$1.45 \$0.43 \$1.79 \$12.75	\$4.35 \$6.22 \$11.81 \$8.70 \$0.78 \$5.28 \$0.37 \$3.28 \$0.05	\$1.31 \$1.54 \$4.55 \$2.63 \$0.22 \$1.78 \$0.10 \$1.14 \$0.00	\$2.33 \$3.49 \$7.54 \$4.65 \$0.47 \$3.50 \$1.94 \$10.09 \$8.19	\$9.18 \$12.95 \$27.13 \$18.36 \$73.33 \$1.89 \$12.00 \$2.84 \$16.29 \$20.99
OVERHEAD EXPENSES DOWNTIME EMPLOYEE BENEFITS INSURANCE SUPERVISION AND MANAGEMENT		1.17 HR	\$0.51	\$9.97 \$4.56 \$28.69				\$9.97 \$4.56 \$0.51 \$28.69
SUBTOTAL		1.17 HR	\$0.51	\$43.21				\$43.72
TOTAL OPERATING EXPENSES		4.15 HR	\$256.68	\$68.54	\$40.85	\$13.26	\$42.20	\$421.54

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

Harvest Dates: June 1 - October 1 ITEM PRICE YIELD TOTAL GROSS RETURNS 8.00 TONS (STACKED) ALFALFA HAY \$220.00 \$1,760.00 \$1,760.00 TOTAL PURCHASED INPUTS FIXED PRICE QUANTITY TOTAL PURCHASED INPUTS COST NITROGEN (N) \$0.50 35 LBS \$17.50 \$17.50 PHOSPHATE (P2O5) \$0.40 90 LBS \$36.00 \$36.00 INSECTICIDE (CUSTOM) 1 X/ACRE 69 LBS \$14.40 \$14.40 \$14.40 \$90.50 \$90.50 \$1.32 ESTABLISHMENT: Principal 4 YEARS \$105.38 \$105.38 : Interest \$13.39 \$13.39 PUMP WATER* \$123.00 CANAL WATER 60 AC. IN. \$123.00 SUBTOTAL \$281.40 \$118.77 \$400.17 FUEL & FIXED POWER ACCOMPLISHMENT PURCHASED PREHARVEST OPERATIONS INPUTS LABOR LUBE REPAIRS TOTAL UNIT COST RATE SPRAYER 140 HP 0.11 HR \$0.94 \$0.60 \$1.46 \$4.72 \$1.72 FERTILIZE 140 HP 0.05 HR \$0.43 \$0.78 \$0.22 \$0.47 \$1.89 IRRIGATE (10X) 5.00 HR \$42.50 \$0.00 \$0.00 \$0.00 \$42.50 \$1.93 \$49.11 SUBTOTAL 5.16 HR \$43.86 \$2.50 \$0.81 HARVEST OPERATIONS SWATHER (5X) BALER, PTO (5X) 14 FT 0.55 HR \$4.68 \$6.18 \$0.80 \$25.00 \$36.65 1.05 HR 140 HP \$8.93 \$16.41 \$4.73 \$12.49 \$42.55 BALELOADER (CUSTOM) \$60.80 \$60.80 SUBTOTAL \$60.80 \$22.59 \$37.49 \$140.00 1.60 HR \$13.60 \$5.53 OVERHEAD EXPENSES DOWNTIME EMPLOYEE BENEFITS 0.43 HR \$3.63 \$3.63 \$10.34 \$10.34 \$1.15 \$1.15 LAND TAXES \$9.44 \$9 44 SUPERVISION AND MANAGEMENT \$129.08 \$129.08 OTHER EXPENSES \$81.61 \$81.61 SUBTOTAL 0.43 HR \$82.76 \$143.06 \$9.44 \$235.25 TOTAL OPERATING EXPENSES \$824.54 7.03 HR \$424.96 \$200.52 \$25.09 \$6.34 \$167.63 NET OPERATING PROFIT \$935.46 INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT \$143.87 @ 5.50%) \$7.91 \$18.27 RETURN TO LAND AND RISK \$909.28 *Pump water costs are shown under irrigation in the preharvest operation section.

BUDGET SUMMARY									
GROSS RETURN		\$1,760.00							
VARIABLE OPERATING EXPENSES	\$456.39								
RETURN OVER VARIABLE EXPENSES		\$1,303.61	(GROSS MARGIN)						
FIXED EXPENSES	\$167.63								
NET FARM INCOME		\$1,135.98	(RETURN TO CAPITAL, LABOR, LAND & RISK)						
LABOR AND MANAGEMENT COST	\$200.52								
NET OPERATING PROFIT		\$935.46	(RETURN TO CAPITAL, LAND & RISK)						
CAPITAL COSTS	\$26.18								
RETURN TO LAND AND RISK		\$909.28							

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 2015
Planting Dates: April 15 - April 30
Harvest Dates: November 15 - November 30

Harvest Dates: Novembe	r 15 - November 30)								
ITEM	PRICE		YIEL	.D						TOTAL
GROSS RETURNS	\$1.00		750.00	LDC						\$750.00
LINT SEED	\$1.00 \$0.09		1,200.00							\$750.00 \$102.00
DIRECT PAYMENT	\$0.00		750.00	LBS						\$0.00
TOTAL										\$852.00
PURCHASED INPUTS	PRICE		QUAN	TITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$5.61		25	LBS	\$140.25					\$140.25
NITROGEN (N)	\$0.50			LBS	\$60.00					\$60.00
PHOSPHATE (P2O5) HERBICIDE	\$0.40 \$33.37			LBS X/ACRE	\$20.00 \$33.37					\$20.00 \$33.37
CROP INSURANCE	\$2.94		·	70710112	\$2.94					\$2.94
PUMP WATER* CANAL WATER				AC. IN. AC. IN.	\$87.00					\$87.00
SUBTOTAL			00	7.0	\$343.56				-	\$343.56
005101712					φο 10.00					ψο 10.00
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLI RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP		0.14			\$1.19	\$4.35	\$1.31	\$2.33	\$9.18
CHISEL PLOW	140 HP 140 HP		0.20 0.38			\$1.70 \$3.23	\$6.22 \$11.81	\$1.54 \$4.55	\$3.49 \$7.54	\$12.95 \$27.13
DISC	140 HP		0.36			\$3.23 \$1.19	\$4.35	\$4.55 \$1.31	\$2.33	\$9.18
DISC & SPRAY	140 HP		0.15	HR		\$1.28	\$4.66	\$1.57	\$3.09	\$10.59
FERTILIZE	140 HP		0.05			\$0.43	\$0.78	\$0.22	\$0.47	\$1.89
LISTER PRE-IRRIGATE	140 HP		0.18 0.75			\$1.53 \$6.38	\$5.59 \$0.00	\$1.38 \$0.00	\$3.29 \$0.00	\$11.79 \$6.38
HARROW	40 HP		0.32			\$2.72	\$2.39	\$0.35	\$0.42	\$5.88
ROLLING CULT	40 HP		0.21			\$1.79	\$1.57	\$0.75	\$0.53	\$4.63
PLANTER HARROW	140 HP 40 HP		0.26 0.32			\$2.21 \$2.72	\$4.06 \$2.39	\$1.56 \$0.35	\$6.34 \$0.42	\$14.17 \$5.88
ROLLING CULT (3X)	140 HP		0.63			\$5.36	\$9.85	\$4.30	\$6.82	\$26.32
ROTO BUCK (2X)	40 HP		0.03			\$0.26	\$0.22	\$0.03	\$0.21	\$0.72
ROPEWICK IRRIGATE (4X)	40 HP		0.10 2.00			\$0.85 \$17.00	\$0.75 \$0.00	\$0.11 \$0.00	\$0.23 \$0.00	\$1.94 \$17.00
SUBTOTAL			5.86	HR		\$49.81	\$59.00	\$19.32	\$37.51	\$165.64
HARVEST OPERATIONS										
COTTON PICKER (2X)	2-ROW		1.24	HR		\$10.54	\$22.50	\$8.87	\$38.73	\$80.63
COTTON TRAILER (2X)	HALF TON		1.00			\$8.50	\$0.00	\$0.81	\$28.88	\$38.19
GIN COTTON (CUSTOM)					\$116.03					\$116.03
SUBTOTAL			2.24	HR	\$116.03	\$19.04	\$22.50	\$9.68	\$67.61	\$234.85
POSTHARVEST OPERATIONS										
SHREDDER	40 HP		0.29	HR		\$2.47	\$2.17	\$0.37	\$1.09	\$6.09
OVERHEAD EXPENSES										
DOWNTIME			1.41	HR		\$11.99				\$11.99
EMPLOYEE BENEFITS						\$8.97				\$8.97
INSURANCE LAND TAXES					\$1.43				\$9.44	\$1.43 \$9.44
SUPERVISION AND MANAGEMENT						\$65.21			*****	\$65.21
OTHER EXPENSES					\$81.61					\$81.61
SUBTOTAL			1.41		\$83.04	\$86.16			\$9.44	\$178.63
TOTAL OPERATING EXPENSES			9.80	HR	\$542.62	\$157.48	\$83.67	\$29.37	\$115.64	\$928.77
NET OPERATING PROFIT										-\$76.77
INTEREST ON OPERATING CAPITA INTEREST ON EQUIPMENT INVEST		(\$265.00	@	5.50%)				\$14.57 \$36.49
RETURN TO LAND AND RISK										(\$127.84)
*Pump water costs are shown under ir	rigation in the preha		on section. SUMMARY							
GROSS RETURN			\$852.00							
VARIABLE OPERATING EXPENSES		\$655.66								
RETURN OVER VARIABLE EXPENSES FIXED EXPENSES	i .	\$115.64	\$196.34	(GROS	S MARGIN)					
NET FARM INCOME		ψ110.04	\$80.70	(RETUR	RN TO CAPITAL, LAB	OR, LAND &	RISK)			
LABOR AND MANAGEMENT COST		\$157.48	(0=0 ==							
NET OPERATING PROFIT CAPITAL COSTS		\$51.07	(\$76.77)	(RETUR	RN TO CAPITAL, LAN	ש & KISK)				
RETURN TO LAND AND RISK		ψ51.07	(\$127.84)							

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 2015
Planting Dates: April 15 - April 30
Harvest Dates: November 15 - November 30

Tidi Voot Batoo: 110 Voilibor	10 110101111111111111			
ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
LINT	\$0.80	1,000 LBS		\$800.00
SEED	\$0.09	1,600 LBS		\$136.00
DIRECT PAYMENT	\$0.0000	1,000 LBS	0.85	\$0.00
COUNTER CYCLICAL PAYMENT	\$0.1373	1,230 LBS	0.85	\$143.55

LINT SEED DIRECT PAYMENT COUNTER CYCLICAL PAYMENT	\$0.80 \$0.09 \$0.0000 \$0.1373		1,000 1,600 1,000 1,230	LBS LBS	0.85 0.85					\$800.00 \$136.00 \$0.00 \$143.55
TOTAL									-	\$1,079.55
PURCHASED INPUTS	PRICE		QUAN	ΓΙΤΥ	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$7.55		25	LBS	\$188.75					\$188.75
NITROGEN (N)	\$0.50			LBS	\$60.00					\$60.00
PHOSPHATE (P2O5) HERBICIDE	\$0.40 \$33.37		50	LBS X/ACRE	\$20.00 \$33.37					\$20.00 \$33.37
INSECTICIDE	\$64.72			X/ACRE	\$64.72					\$64.72
CROP INSURANCE	\$0.34				\$0.34					\$0.34
PUMP WATER* CANAL WATER				AC. IN. AC. IN.	\$87.00					\$87.00
SUBTOTAL			00	710. 114.	\$454.17				_	\$454.17
SUBTUTAL					\$454.17					\$454.17
BBELLABATEST OBER ATIONS	POWER	,			PURCHASED	1.4505	FUEL &	DEDAIDO	FIXED	TOTAL
PREHARVEST OPERATIONS	UNIT		RAT		INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP		0.14			\$1.19	\$4.35	\$1.31	\$2.33	\$9.18
CHISEL PLOW	140 HP 140 HP		0.20 0.38			\$1.70 \$3.23	\$6.22 \$11.81	\$1.54 \$4.55	\$3.49 \$7.54	\$12.95 \$27.13
DISC	140 HP		0.14			\$1.19	\$4.35	\$1.31	\$2.33	\$9.18
DISC & SPRAY	140 HP		0.17	HR		\$1.45	\$5.28	\$1.78	\$3.50	\$12.00
FERTILIZE	140 HP		0.05			\$0.43	\$0.78	\$0.22	\$0.47	\$1.89
LISTER	140 HP		0.18			\$1.53	\$5.59	\$1.38	\$3.29	\$11.79
PRE-IRRIGATE HARROW	40 HP		0.75 0.32			\$6.38 \$2.72	\$0.00 \$2.39	\$0.00 \$0.35	\$0.00 \$0.42	\$6.38 \$5.88
ROLLING CULT	40 HP		0.32			\$1.79	\$1.57	\$0.75	\$0.53	\$4.63
PLANTER	140 HP		0.26			\$2.21	\$4.06	\$1.56	\$6.34	\$14.17
HARROW	40 HP		0.32			\$2.72	\$2.39	\$0.35	\$0.42	\$5.88
ROLLING CULT (3X)	140 HP		0.63			\$5.36	\$9.85	\$4.30	\$6.82	\$26.32
ROTO BUCK (2X) ROPEWICK	40 HP 40 HP		0.03 0.10			\$0.26 \$0.85	\$0.22 \$0.75	\$0.03 \$0.11	\$0.21 \$0.23	\$0.72 \$1.94
IRRIGATE (4X)	40111		2.00			\$17.00	\$0.00	\$0.00	\$0.00	\$17.00
SUBTOTAL		_	5.88	HR		\$49.98	\$59.62	\$19.53	\$37.92	\$167.05
HARVEST OPERATIONS										
COTTON BICKER (2V)	2-ROW		1 24	ШΒ		\$10 E4	\$22 E0	¢0 07	\$20.72	¢00 63
COTTON PICKER (2X) COTTON TRAILER (2X)	HALF TON		1.24 1.00			\$10.54 \$8.50	\$22.50 \$0.00	\$8.87 \$0.81	\$38.73 \$28.88	\$80.63 \$38.19
GIN COTTON (CUSTOM)			1.00		\$128.30	ψ0.00	ψ0.00	ψο.σ.	\$20.00	\$128.30
SUBTOTAL		_	2.24	HR	\$128.30	\$19.04	\$22.50	\$9.68	\$67.61	\$247.13
POSTHARVEST OPERATIONS										
SHREDDER	40 HP		0.29	HR		\$2.47	\$2.17	\$0.37	\$1.09	\$6.09
OVERHEAD EXPENSES										
DOWNTIME			1.42	ΗР		\$12.03				\$12.03
EMPLOYEE BENEFITS			1.42	TIIX		\$12.87				\$12.87
INSURANCE					\$1.43	ψ12.01				\$1.43
LAND TAXES									\$9.44	\$9.44
SUPERVISION AND MANAGEMENT OTHER EXPENSES					\$81.61	\$81.15				\$81.15 \$81.61
SUBTOTAL		_	1.42	HR	\$83.04	\$106.04			\$9.44	\$198.52
TOTAL OPERATING EXPENSES		_	9.83	HR	\$665.51	\$177.53	\$84.29	\$29.58	\$116.05	\$1,072.96
NET OPERATING PROFIT					******	*******	*****	¥=====	********	\$6.59
INTEREST ON OPERATING CAPITA INTEREST ON EQUIPMENT INVEST		(\$260.88	@	5.50%)				\$14.35
RETURN TO LAND AND RISK	IVILIN I									\$36.65 (\$44.41)
*Pump water costs are shown under irr	rigation in the preharvest	operatio	n section.							(I F. FF. W)
Mater coole are crieffi under in			UMMARY							
GROSS RETURN			\$1.079.55							

r unip water costs are shown under inigation in the prene	arvest operati	ion scouon.	
	BUDGET	SUMMARY	
GROSS RETURN		\$1,079.55	
VARIABLE OPERATING EXPENSES	\$779.38		
RETURN OVER VARIABLE EXPENSES		\$300.17	(GROSS MARGIN)
FIXED EXPENSES	\$116.05		
NET FARM INCOME		\$184.12	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$177.53		
NET OPERATING PROFIT		\$6.59	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$51.00		
RETURN TO LAND AND RISK		(\$44.41)	

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 2015
Planting Dates: July 1 - July 15
Harvest Dates: September 1 - October 30

Tiaivesi Dates. Septemb	er i - October 30							
ITEM	PRICE	YIELD						TOTAL
GROSS RETURNS								
GRAIN SORGHUM	\$6.57	40.00 CWT						\$262.86
DIRECT PAYMENT	\$0.00	40.00 CWT						\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00	0.00 CWT						\$0.00
TOTAL							-	\$262.86
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
PURCHASED INPUTS	PRICE	QUANTITY	INPUIS				0031	IUIA
SEED	\$1.31	10 LBS	\$13.10					\$13.10
HERBICIDE	\$22.23	1 X/ACRE	\$22.23					\$22.23
INSECTICIDE PUMP WATER*	\$33.37	1 X/ACRE 0 AC. IN.	\$33.37					\$33.37
CANAL WATER		24 AC. IN.	\$75.00					\$75.00
CROP INSURANCE	\$2.94	24 AC. IIV.	\$2.94					\$2.94
SUBTOTAL	Ψ2.54		\$146.64				-	\$146.64
	POWER	ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP	0.14 HR		\$1.19	\$2.19	\$1.13	\$1.62	\$6.13
CHISEL	140 HP	0.20 HR		\$1.70	\$3.13	\$1.28	\$2.48	\$8.59
DISC & SPRAY	140 HP	0.17 HR		\$1.45	\$2.66	\$1.56	\$2.64	\$8.29 \$7.86
LISTER	140 HP	0.18 HR		\$1.53	\$2.81	\$1.14	\$2.38	
PLANTER	140 HP	0.26 HR		\$2.21	\$4.06	\$1.56	\$6.34	\$14.17
ROTO BUCK (3X)	40 HP	0.05 HR		\$0.38	\$0.34	\$0.05	\$0.31	\$1.08
ROLLING CULT (2X)	40 HP	0.42 HR		\$3.57	\$3.14	\$1.49	\$1.05	\$9.26
IRRIGATE (4X)		2.00 HR		\$17.00	\$0.00	\$0.00	\$0.00	\$17.00
SUBTOTAL		3.42 HR		\$29.03	\$18.33	\$8.21	\$16.82	\$72.38
HARVEST OPERATIONS								
COMBINE (CUSTOM)			\$9.60					\$9.60
HAUL (CUSTOM)			\$7.20					\$7.20
SUBTOTAL		0.00 HR	\$16.80	\$0.00	\$0.00	\$0.00	\$0.00	\$16.80
SOBIOTAL .		0.00 1110	ψ10.00	ψ0.00	ψ0.00	ψ0.00	ψ0.00	ψ10.00
POSTHARVEST OPERATIONS	<u></u>							
SHREDDER	40 HP	0.29 HR		\$2.47	\$2.17	\$0.37	\$1.09	\$6.09
OVERHEAD EXPENSES								

OVERHEAD EXPENSES									
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES		0.43	HR	\$0.63	\$3.62 \$5.67			\$9.44	\$3.62 \$5.67 \$0.63 \$9.44
SUPERVISION AND MANAGEMENT OTHER EXPENSES				\$81.61	\$18.18				\$18.18 \$81.61
SUBTOTAL		0.43	HR	\$82.24	\$27.48			\$9.44	\$119.15
TOTAL OPERATING EXPENSES		4.13	HR	\$245.68	\$58.97	\$20.50	\$8.58	\$27.34	\$361.07
NET OPERATING PROFIT									(\$98.21)
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	(\$81.99	@	5.50%)				\$4.51 \$8.15
RETURN TO LAND AND RISK									(\$110.87)

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

BUDGET SUMMARY

GROSS RETURN		\$262.86	
VARIABLE OPERATING EXPENSES	\$274.76		
RETURN OVER VARIABLE EXPENSES		(\$11.90)	(GROSS MARGIN)
FIXED EXPENSES	\$27.34		
NET FARM INCOME		(\$39.24)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$58.97		
NET OPERATING PROFIT		(\$98.21)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$12.66		
RETURN TO LAND AND RISK		(\$110.87)	

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

Planting Dates: January 1 - February 1

Harvest Dates: May 1 - May 31 ITEM PRICE YIELD TOTAL GROSS RETURNS SPRING LETTUCE \$6.21 475 CARTONS \$2,949.75 \$2,949.75 TOTAL PURCHASED FIXED PURCHASED INPUTS PRICE QUANTITY INPUTS COST TOTAL SEED \$1.89 4 LBS \$7.56 \$7.56 NITROGEN (N) \$0.50 \$0.40 250 LBS 175 LBS \$125.00 \$70.00 \$125.00 \$70.00 PHOSPHATE (P205) INSECTICIDE \$37.03 3 X/ACRE \$111.09 \$111.09 PUMP WATER* 16 AC. IN. CANAL WATER 14 AC. IN. \$75.00 \$75.00 SUBTOTAL \$388.65 \$388.65 POWER ACCOMPLISHMENT PURCHASED FUEL & REPAIRS PREHARVEST OPERATIONS LABOR UNIT RATE **INPUTS** LUBE COST TOTAL DISC 140 HP 0.14 HR \$1.19 \$2.19 \$1.13 \$1.62 \$6.13 CHISEL \$3.13 \$5.94 140 HP 0.20 HR \$1.70 \$1.28 \$2.48 \$8.59 PLOW 140 HP 0.38 HR \$3.23 \$4.06 \$5.62 \$18.84 DISC (2X) 140 HP 0.28 HR \$2.38 \$4.38 \$2.26 \$3.24 \$12.25 LASER PLANE (CUSTOM) \$73.33 \$73.33 FERTILIZE 140 HP 0.05 HR \$0.43 \$0.78 \$0.22 \$0.47 \$1.89 0.14 HR DISC 140 HP \$1.19 \$2.19 \$1.13 \$1.62 \$6.13 LISTER 140 HP 0.18 HR \$2.81 PRF-IRRIGATE 0.75 HR \$6.38 \$0.02 \$0.00 \$2 43 \$8.82 ROLLING CULT 40 HP 0.21 HR \$1.79 \$1.57 \$0.75 \$0.53 \$4.63 VEG-PLANT SHAPER CULT & SIDEDRESS (2X) 0.26 HR 0.66 HR \$4.54 \$7.71 140 HP \$2.21 \$4.06 \$1.32 \$12.13 140 HP \$5.61 \$10.32 \$4.71 \$28.34 ROLLING CULT (3X) 40 HP 0.21 HR \$1.79 \$4.63 \$120.00 THIN & HOE (CUSTOM) \$120.00 DUSTER (CUSTOM) \$5.00 \$5.00 0.12 HR 4.00 HR ROTO BUCK (8X) 40 HP \$1.02 \$0.90 \$0.13 \$0.84 \$2.89 IRRIGATE (8X) \$34.00 \$19.41 \$0.13 \$0.00 \$53.54 7.58 HR SUBTOTAL \$198.33 \$64.43 \$39.98 \$18.87 \$53.39 \$374.99 HARVEST OPERATIONS \$878.75 HARVEST (CUSTOM) \$878.75 CARTONS (CUSTOM) \$403.75 \$403.75 HAUL (CUSTOM) \$142.50 \$142.50 BROKERAGE (CUSTOM) \$272.85 \$272.85 SUBTOTAL 0.00 HR \$1,697.85 \$0.00 \$0.00 \$0.00 \$0.00 \$1,697.85 OVERHEAD EXPENSES DOWNTIME 0.71 HR \$6.01 \$6.01 EMPLOYEE BENEFITS \$11.60 \$11.60 \$1.29 INSURANCE \$1.29 LAND TAXES SUPERVISION AND MANAGEMENT \$103.96 \$103.96 OTHER EXPENSES \$81.61 \$81.61 SUBTOTAL \$82.90 \$121.57 \$9.44 \$213.91 0.71 HR TOTAL OPERATING EXPENSES 8.29 HR \$2,367,73 \$186.00 \$62.82 \$2,675.40 \$39.98 \$18.87 NET OPERATING PROFIT \$274.35 INTEREST ON OPERATING CAPITAL \$400.11 @ 5.50% \$22.01 INTEREST ON EQUIPMENT INVESTMENT \$27.74 RETURN TO LAND AND RISK \$224.60 *Pump water costs are shown under irrigation in the preharvest operation section.

GROSS RETURN		\$2,949.75	
VARIABLE OPERATING EXPENSES	\$2,426.57		
RETURN OVER VARIABLE EXPENSES		\$523.18	(GROSS MARGIN)
FIXED EXPENSES	\$62.82		
NET FARM INCOME		\$460.35	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$186.00		
NET OPERATING PROFIT		\$274.35	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$49.74		
RETURN TO LAND AND RISK		\$224.60	

BUDGET SUMMARY

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 2015
Planting Dates: August 1 - August 15

ITEM	PRICE	YIE	LD						TOTAL
GROSS RETURNS FALL LETTUCE	\$5.94	500	CARTON	ie.					\$2,970.00
TOTAL	\$ 3.94	500	CARTON						
TOTAL									\$2,970.00
DUDOUA CED INDUTO	PRICE	OLIA	ITITY	PURCHASED				FIXED	TOTAL
PURCHASED INPUTS	PRICE	QUAI	VIIIY	INPUTS				COST	TOTAL
SEED NITROGEN (N)	\$1.95 \$0.50		LBS LBS	\$7.80 \$125.00					\$7.80 \$125.00
PHOSPHATE (P205)	\$0.40		LBS	\$60.00					\$60.00
HERBICIDE	\$18.55			\$18.55					\$18.55
INSECTICIDE PUMP WATER*	\$231.73			\$231.73					\$231.73
CANAL WATER			AC. IN.	\$46.67					\$46.67
SUBTOTAL				\$489.75					\$489.75
PREHARVEST OPERATIONS	POWER UNIT		LISHMENT TE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP	0.14	1 HR		\$1.19	\$2.19	\$1.13	\$1.62	\$6.13
CHISEL	140 HP	0.20) HR		\$1.70	\$3.13	\$1.28	\$2.48	\$8.59
PLOW DISC (2X)	140 HP 140 HP		3 HR 3 HR		\$3.23 \$2.38	\$5.94 \$4.38	\$4.06 \$2.26	\$5.62 \$3.24	\$18.84 \$12.25
LASER PLANE (CUSTOM)	140 FIF	0.20) FIK	\$72.50	φ2.30	φ4.30	φ2.20	φ3.24	\$72.50
FERTILIZE	140 HP		HR		\$0.43	\$0.78	\$0.22	\$0.47	\$1.89
DISC & SPRAY LISTER	140 HP 140 HP		7 HR 3 HR		\$1.45 \$1.53	\$2.66 \$2.81	\$1.56 \$1.14	\$2.64 \$2.38	\$8.29 \$7.86
PRE-IRRIGATE		0.75	5 HR		\$6.38	\$0.00	\$0.00	\$0.00	\$6.38
ROLLING CULT VEG-PLANT SHAPER	40 HP 140 HP		HR HR		\$1.79 \$2.21	\$1.57 \$4.06	\$0.75 \$1.32	\$0.53 \$4.54	\$4.63 \$12.13
CULT & SIDEDRESS (2X)	140 HP		HR		\$5.61	\$10.32	\$4.71	\$7.71	\$28.34
ROLLING CULT (3X)	40 HP	0.63	3 HR	# 400.00	\$5.36	\$4.71	\$2.24	\$1.58	\$13.89
THIN & HOE (CUSTOM) DUSTER (CUSTOM)				\$160.00 \$15.00					\$160.00 \$15.00
ROTO BUCK (8X)	40 HP		2 HR	******	\$1.02	\$0.90	\$0.13	\$0.84	\$2.89
IRRIGATE (8X)		4.00) HR		\$34.00	\$0.00	\$0.00	\$0.00	\$34.00
SUBTOTAL		8.03	3 HR	\$247.50	\$68.26	\$43.44	\$20.79	\$33.63	\$413.61
HARVEST OPERATIONS									
HARVEST (CUSTOM)				\$925.00					\$925.00
CARTONS (CUSTOM) HAUL (CUSTOM)				\$425.00 \$150.00					\$425.00 \$150.00
BROKERAGE (CUSTOM)				\$274.73					\$274.73
SUBTOTAL				\$1,774.73					\$1,774.73
OVERHEAD EXPENSES									
DOWNTIME		0.82	2 HR		\$6.97				\$6.97
EMPLOYEE BENEFITS		-			\$12.29				\$12.29
INSURANCE LAND TAXES				\$1.37				\$9.44	\$1.37 \$9.44
SUPERVISION AND MANAGEMEN	NT				\$69.58			ψ5.44	\$69.58
OTHER EXPENSES				\$81.61					\$81.61
SUBTOTAL			2 HR	\$82.97	\$88.84			\$9.44	\$181.25
TOTAL OPERATING EXPENSES		8.85	5 HR	\$2,594.94	\$157.09	\$43.44	\$20.79	\$43.06	\$2,859.33
NET OPERATING PROFIT INTEREST ON OPERATING CAPI	TAL	(\$470.70	@	5.50%	\				\$110.67
INTEREST ON EQUIPMENT INVE		(\$470.70	•	3.30 %)				\$25.89 \$15.51
RETURN TO LAND AND RISK									\$69.27
*Pump water costs are shown under		operation section. DGET SUMMARY							
GROSS RETURN		\$2,970.00							
VARIABLE OPERATING EXPENSE		9.17							
RETURN OVER VARIABLE EXPENS FIXED EXPENSES		\$310.83 \$3.06	(GROS	S MARGIN)					
NET FARM INCOME		\$267.76	(RETU	RN TO CAPITAL,	LABOR, LAN	D & RISK)			
LABOR AND MANAGEMENT COST	\$15	57.09 \$110.67	(DET!	RN TO CAPITAL,	I AND & DIO	1			
NET OPERATING PROFIT CAPITAL COSTS	\$4	\$110.67 \$1.40	(KE I U	AN TO CAPITAL,	LAND & KISK	s)			
RETURN TO LAND AND RISK		\$69.27							

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 2015
Planting Dates: January 1 - January 15
Harvest Dates: July 1 - July 15

Harvest Dates: July 1 - July	15									
ITEM	PRICE		YIEI	_D						TOTAL
GROSS RETURNS CORN SILAGE	\$50.00		30.00	TONS						\$1,500.00
TOTAL										\$1,500.00
PURCHASED INPUTS	PRICE		QUAN	TITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$3.26		22	LBS	\$71.78					\$71.78
NITROGEN (N)	\$0.50		300	LBS	\$150.00					\$150.00
PHOSPHATE (P205) ROUNDUP	\$0.40			LBS	\$0.00					\$0.00
ROUNDUP	\$15.00		2	X/ACRE	\$30.00					\$30.00
PUMP WATER*				AC. IN.						
CANAL WATER CROP INSURANCE	\$2.94		30	AC. IN.	\$83.00 \$2.94					\$83.00 \$2.94
SUBTOTAL	Q2.0 1				\$337.72					\$337.72
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLI RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HP		0.14	HR		\$1.19	\$2.19	\$1.13	\$1.62	\$6.13
CHISEL	140 HP		0.20			\$1.70	\$3.13	\$1.28	\$2.48	\$8.59
FERTILIZE DISC	140 HP 140 HP		0.05 0.17			\$0.43 \$1.45	\$0.78 \$2.66	\$0.22 \$1.56	\$0.47 \$2.64	\$1.89 \$8.29
BORDER DISC	40 HP		0.05			\$0.43	\$0.37	\$0.10	\$1.94	\$2.84
DRILL	140 HP		0.21			\$1.79	\$3.28	\$1.14	\$10.09	\$16.29
IRRIGATE (4X)			2.00	HR ———		\$17.00	\$0.05	\$0.00	\$8.19	\$25.24
SUBTOTAL			2.82	HR		\$23.97	\$12.46	\$5.42	\$27.43	\$69.28
HARVEST OPERATIONS										
CUT AND HAUL (DAIRY OWNED)					\$10.00					\$10.00
SUBTOTAL					\$10.00					\$10.00
POSTHARVEST OPERATIONS										
OVERHEAD EXPENSES										
DOWNTIME			0.21	ΗР		\$1.74				\$1.74
EMPLOYEE BENEFITS			0.21	TIIX		\$4.31				\$4.31
INSURANCE					\$0.48				60.44	\$0.48
LAND TAXES SUPERVISION AND MANAGEMENT						\$107.41			\$9.44	\$9.44 \$107.41
OTHER EXPENSES					\$81.61	, -				\$81.61
SUBTOTAL			0.21	HR	\$82.09	\$113.47			\$9.44	\$204.99
TOTAL OPERATING EXPENSES			3.03	HR	\$429.80	\$137.44	\$12.46	\$5.42	\$36.86	\$621.98
NET OPERATING PROFIT										\$878.02
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMEN	NT	(\$174.16	@	5.50%)				\$9.58 \$13.00
RETURN TO LAND AND RISK										\$855.43
*Pump water costs are shown under irriga	tion in the pre		ation section. SUMMARY							
GROSS RETURN			\$1,500.00							
VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES		\$447.69	\$1,052.31	(GROS	S MARGIN)					
FIXED EXPENSES		\$36.86	ψ1,002.31	(ONOS	O IVIZATO (IV)					
NET FARM INCOME			\$1,015.45	(RETUP	RN TO CAPITAL, I	LABOR, LAN	D & RISK)			
LABOR AND MANAGEMENT COST NET OPERATING PROFIT		\$137.44	\$878.02	(RETUR	RN TO CAPITAL, I	AND & RISK	0			
CAPITAL COSTS		\$22.58	Q070.0Z	(a mor	7			
RETURN TO LAND AND RISK			\$855.43							

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 2015

Planting Dates: October 1 - Harvesting Dates: June 1 -									K03-09-05
ITEM	PRICE	YIEI	_D						TOTAL
GROSS RETURNS FALL ONIONS	\$7.87	1,200.00	SACKS						\$9,444.00
TOTAL									\$9,444.00
				PURCHASED				FIXED	
PURCHASED INPUTS	PRICE	QUAN	TITY	INPUTS				COST	TOTAL
SEED	\$140.00		LBS	\$840.00					\$840.00
NITROGEN (N) PHOSPHATE (P2O5)	\$0.50 \$0.40		LBS LBS	\$300.00 \$100.00					\$300.00 \$100.00
HERBICIDE	\$22.23	2	X/ACRE	\$44.47					\$44.47
INSECTICIDE PUMP WATER*	\$75.83		X/ACRE AC. IN.	\$151.65					\$151.65
CANAL WATER			AC. IN.	\$109.67					\$109.67
SUBTOTAL				\$1,545.79					\$1,545.79
	POWER	ACCOMPL	ISHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RAT	ΓE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	140 HP		HR		\$1.19	\$2.19	\$1.13	\$1.62	\$6.13
CHISEL PLOW	140 HP 140 HP		HR HR		\$1.70 \$3.23	\$3.13 \$5.94	\$1.28 \$4.06	\$2.48 \$5.62	\$8.59 \$18.84
DISC (2X)	140 HP		HR		\$2.38	\$4.38	\$2.26	\$3.24	\$12.25
LASER PLANE (CUSTOM) FERTILIZE	140 HP	0.05	HR	\$73.33	\$0.43	\$0.78	\$0.22	\$0.47	\$73.33 \$1.89
DISC & SPRAY	140 HP	0.17	HR		\$1.45	\$2.66	\$1.56	\$2.64	\$8.29
LISTER PRE-IRRIGATE	140 HP		HR HR		\$1.53 \$6.38	\$2.81 \$0.00	\$1.14 \$0.00	\$2.38 \$0.58	\$7.86 \$6.96
ROD WEEDER	40 HP		HR		\$0.68	\$0.60	\$0.00	\$1.58	\$3.01
ROLLING CULT	40 HP 140 HP		HR		\$1.79	\$1.57	\$0.75	\$0.53	\$4.63
VEG PLANT-SHAPER CULT & SIDEDRESS (4X)	140 HP 140 HP		HR HR		\$2.21 \$11.22	\$4.06 \$20.63	\$1.32 \$9.41	\$4.54 \$15.42	\$12.13 \$56.69
ROLLING CULT (2X)	40 HP	0.42	HR		\$3.57	\$3.14	\$1.49	\$1.05	\$9.26
THIN & HOE (CUSTOM) ROTO BUCK (9X)	40 HP	0.14	HR	\$120.00	\$1.15	\$1.01	\$0.15	\$0.94	\$120.00 \$3.25
IRRIGATE (13X)			HR		\$55.25	\$0.05	\$0.00	\$7.60	\$62.90
SUBTOTAL		11.08	HR	\$193.33	\$94.14	\$52.95	\$24.91	\$50.69	\$416.02
HARVEST OPERATIONS									
ONION KNIVES	80 HP	0.27	HR	A 4 000 00	\$2.30	\$4.22	\$1.43	\$4.33	\$12.27
HARVEST & HAUL (CUSTOM) BAG RENTAL				\$1,320.00 \$120.00					\$1,320.00 \$120.00
FIELD LOAD (CUSTOM)				\$0.00					\$0.00
PROCESSING (CUSTOM) CONTAINER CHARGE				\$2,280.00 \$480.00					\$2,280.00 \$480.00
BROKERAGE (CUSTOM)				\$849.96					\$849.96
SUBTOTAL		0.27	HR	\$5,049.96	\$2.30	\$4.22	\$1.43	\$4.33	\$5,062.23
OVERHEAD EXPENSES									
DOWNTIME		1.02	HR		\$8.70				\$8.70
EMPLOYEE BENEFITS INSURANCE				\$1.88	\$16.94				\$16.94 \$1.88
LAND TAXES				ψ1.00				\$9.44	\$9.44
SUPERVISION AND MANAGEMENT OTHER EXPENSES				\$81.61	\$234.38				\$234.38 \$81.61
SUBTOTAL		1.02	HR	\$83.49	\$260.03			\$9.44	\$352.96
TOTAL OPERATING EXPENSES		12.37		\$6,872.57	\$356.46	\$57.17	\$26.34	\$64.45	\$7,376.99
NET OPERATING PROFIT		12.37		ψ0,012.01	ψ300. 4 0	ψ01.11	Ψ20.04	Ψ0-7. 1 -0	\$2,067.01
INTEREST ON OPERATING CAPITAL		(\$1,261.52	@	5.50%)				\$69.38
INTEREST ON EQUIPMENT INVESTME	ENT								\$25.32
RETURN TO LAND AND RISK									\$1,972.30
*Pump water costs are shown under irrigation		eration section. GET SUMMARY							
GROSS RETURN		\$9,444.00							
VARIABLE OPERATING EXPENSES	\$6,95	6.08	(0000	C MADOIN"					
RETURN OVER VARIABLE EXPENSES FIXED EXPENSES	\$6	\$2,487.92 4.45	(GROS	S MARGIN)					
NET FARM INCOME		\$2,423.47	(RETUR	RN TO CAPITAL, LA	BOR, LAND	& RISK)			
LABOR AND MANAGEMENT COST NET OPERATING PROFIT	\$35	6.46 \$2,067.01	(RETUR	RN TO CAPITAL, LA	ND & RISK)				
CAPITAL COSTS	\$9	4.71	,						
RETURN TO LAND AND RISK		\$1,972.30							

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 2015
Planting Dates: January 1 - January 31
Harvest Dates: July 1 - July 31

ITEM	PRICE	YIEL	D						TOTAL
GROSS RETURNS MIDSEASON YELLOWS	\$8.24	675.00	SACKS						\$5,562.00
TOTAL									
TOTAL									\$5,562.00
PURCHASED INPUTS	PRICE	QUAN	ΓΙΤΥ	PURCHASED INPUTS				FIXED	TOTAI
SEED NITROGEN (N)	\$179.00 \$0.50		LBS LBS	\$716.00 \$225.00					\$716.00 \$225.00
PHOSPHATE (P205)	\$0.40		LBS	\$72.00					\$72.00
HERBICIDE	\$64.72	1	X/ACRE	\$64.72					\$64.72
INSECTICIDE PUMP WATER*	\$75.87	1	X/ACRE AC. IN.	\$75.87					\$75.87
CANAL WATER			AC. IN.	\$99.00					\$99.00
SUBTOTAL				\$1,252.58				,	\$1,252.58
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLI: RAT		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	140 HD	0.14	LID.		£4.40	£0.40	¢4.42	£1.60	FC 12
DISC CHISEL	140 HP 140 HP	0.14 0.20			\$1.19 \$1.70	\$2.19 \$3.13	\$1.13 \$1.28	\$1.62 \$2.48	\$6.13 \$8.59
PLOW	140 HP	0.38			\$3.23	\$5.94	\$4.06	\$5.62	\$18.84
DISC (2X)	140 HP	0.28			\$2.38	\$4.38	\$2.26	\$3.24	\$12.25
LASER PLANE (CUSTOM)	440.110	2	LID	\$73.33	00.40	00.70	A-0-	ec -=	\$73.33
FERTILIZE DISC & SPRAY	140 HP	0.05 0.17			\$0.43 \$1.45	\$0.78 \$2.66	\$0.22 \$1.56	\$0.47 \$2.64	\$1.89 \$8.29
LISTER	140 HP 140 HP	0.17			\$1.53	\$2.81	\$1.14	\$2.38	\$7.86
PRE-IRRIGATE		0.75			\$6.38	\$0.00	\$0.00	\$0.68	\$7.06
ROD WEEDER	40 HP	0.08			\$0.68	\$0.60	\$0.15	\$1.58	\$3.01
ROLLING CULT	40 HP	0.21			\$1.79	\$1.57	\$0.75	\$0.22	\$4.32
VEG PLANT-SHAPER CULT & SIDEDRESS (3X)	140 HP 140 HP	0.26 0.99			\$2.21 \$8.42	\$4.06 \$15.47	\$1.32 \$7.06	\$4.54 \$11.57	\$12.13 \$42.51
ROLLING CULT (2X)	40 HP	0.42			\$3.57	\$3.14	\$1.49	\$1.05	\$9.26
HOE (CUSTOM)				\$120.00	***	* -			\$120.00
ROTO BUCK (9X) IRRIGATE (11X)	40 HP	0.14 5.50			\$1.15 \$46.75	\$1.01 \$0.05	\$0.15 \$0.00	\$0.94 \$7.51	\$3.25 \$54.31
SUBTOTAL		9.75		\$193.33	\$82.83	\$47.79	\$22.56	\$46.52	\$393.04
HARVEST OPERATIONS									
ONION KNIVES	140 HP	0.27	LID		\$2.30	\$4.22	\$1.43	\$4.33	\$12.27
HARVEST & HAUL (CUSTOM)	140 ПР	0.27	ПК	\$742.50	φ2.30	φ4.22	φ1.43	φ4.33	\$742.50
BAG RENTAL				\$67.50					\$67.50
FIELD LOAD				\$0.00					\$0.00
PROCESSING				\$1,282.50					\$1,282.50
CONTAINER CHARGE BROKERAGE (CUSTOM)				\$270.00 \$500.58					\$270.00 \$500.58
SUBTOTAL		0.27	HR	\$2,863.08	\$2.30	\$4.22	\$1.43	\$4.33	\$2,875.35
OVERHEAD EXPENSES									
DOWNTIME		0.40	HR		\$3.38				\$3.38
EMPLOYEE BENEFITS					\$15.32				\$15.32
INSURANCE LAND TAXES				\$1.70				\$9.44	\$1.70 \$9.44
SUPERVISION AND MANAGEMEN	١T				\$198.82			ψ3.44	\$198.82
OTHER EXPENSES				\$81.61					\$81.61
SUBTOTAL		0.40	HR	\$83.31	\$217.53			\$9.44	\$310.27
TOTAL OPERATING EXPENSES		10.41	HR	\$4,392.30	\$302.65	\$52.01	\$23.98	\$60.28	\$4,831.24
NET OPERATING PROFIT									\$730.76
INTEREST ON OPERATING CAPI		(\$930.80	@	5.50%)				\$51.19
INTEREST ON EQUIPMENT INVES	O I IVIEIN I								\$23.94 \$655.63
									ψυυυ.03
*Pump water costs are shown under		st operation section DGET SUMMARY	•						
GROSS RETURN		\$5,562.00							
VARIABLE OPERATING EXPENSES	\$4,46								
RETURN OVER VARIABLE EXPENS	ES	\$1,093.70	(GROS	SS MARGIN)					
FIXED EXPENSES	\$6	60.28							
			(DETII	DN TO CADITAL	I AROD I AM	ID 8 DICK			
	\$30	\$1,033.41 02.65	(RETU	RN TO CAPITAL,	LABOR, LAN	ND & RISK)			
NET FARM INCOME		\$1,033.41		RN TO CAPITAL, RN TO CAPITAL,		•			

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 2015
Planting Dates: January 15 - February 15
Harvest Dates: August 1 - August 15

ITEM	PRICE		YIEL	.D						TOTA
GROSS RETURNS SWEET SPANISH	67.44		025.00	CACKE						PC 442 24
SWEET SPANISH	\$7.41		825.00	SACKS						\$6,113.25
TOTAL										\$6,113.25
					DUDOUAGED				FIVED	
PURCHASED INPUTS	PRICE		QUAN	TITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED	\$179.00		4	LBS	\$716.00					\$716.00
NITROGEN (N)	\$0.50			LBS	\$225.00					\$225.00
PHOSPHATE (P2O5)	\$0.40			LBS	\$72.00					\$72.0
HERBICIDE	\$64.72			X/ACRE	\$64.72					\$64.7
INSECTICIDE	\$75.79			X/ACRE	\$75.79					\$75.7
PUMP WATER*				AC. IN.	£100.67					£400 C
CANAL WATER			50	AC. IN.	\$109.67					\$109.6
SUBTOTAL					\$1,263.17					\$1,263.17
	POWER		ACCOMPLI		PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT		RAT	E	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC	140 HP		0.14	HR		\$1.19	\$2.19	\$1.13	\$1.62	\$6.13
CHISEL	140 HP		0.20			\$1.70	\$3.13	\$1.28	\$2.48	\$8.59
PLOW	140 HP		0.38			\$3.23	\$5.94	\$4.06	\$5.62	\$18.84
DISC (2X)	140 HP		0.28	HR		\$2.38	\$4.38	\$2.26	\$3.24	\$12.25
LASER PLANE (CUSTOM)					\$73.33					\$73.33
FERTILIZE	140 HP		0.05	HR		\$0.43	\$0.78	\$0.22	\$0.47	\$1.89
DISC & SPRAY	140 HP		0.17			\$1.45	\$2.66	\$1.56	\$2.64	\$8.29
LISTER	140 HP		0.18			\$1.53	\$2.81	\$1.14	\$2.38	\$7.86
PRE-IRRIGATE			0.75			\$6.38	\$0.00	\$0.00	\$0.58	\$6.96
ROD WEEDER	40 HP		0.08			\$0.68	\$0.60	\$0.15	\$1.58	\$3.0
ROLLING CULT	40 HP		0.21			\$1.79	\$1.57	\$0.75	\$0.53	\$4.63
VEG PLANT-SHAPER	140 HP		0.26			\$2.21	\$4.06	\$1.32	\$4.54	\$12.13
CULT & SIDEDRESS (3X)	140 HP		0.99			\$8.42	\$15.47	\$7.06	\$11.57	\$42.51
ROLLING CULT (2X)	40 HP		0.42	пк	\$120.00	\$3.57	\$3.14	\$1.49	\$1.05	\$9.26
THIN & HOE (CUSTOM) ROTO BUCK (9X)	40 HP		0.14	ΗР	\$120.00	\$1.15	\$1.01	\$0.15	\$0.94	\$120.00 \$3.25
IRRIGATE (13X)	40 HF		6.50			\$55.25	\$0.05	\$0.00	\$7.60	\$62.90
SUBTOTAL		_	10.75	HR	\$193.33	\$91.33	\$47.79	\$22.56	\$46.83	\$401.84
HARVEST OPERATIONS										
ONION KNIVES	140 HP		0.27	ΗР		\$2.30	\$4.22	\$1.43	\$4.33	\$12.27
HARVEST & HAUL (CUSTOM)	140111		0.21	TIIX	\$907.50	Ψ2.30	ψ4.22	ψ1.45	ψ4.00	\$907.50
BAG RENTAL					\$82.50					\$82.50
FIELD LOAD					\$0.00					\$0.00
PROCESSING					\$1,567.50					\$1,567.50
CONTAINER CHARGE					\$330.00					\$330.00
BROKERAGE (CUSTOM)					\$550.19					\$550.19
SUBTOTAL		_	0.27	HR	\$3,437.69	\$2.30	\$4.22	\$1.43	\$4.33	\$3,449.96
OVERHEAD EXPENSES										
DOWNTIME			0.62	HR		\$5.29				\$5.29
EMPLOYEE BENEFITS						\$16.85				\$16.8
INSURANCE					\$1.87					\$1.8
LAND TAXES									\$9.44	\$9.44
SUPERVISION AND MANAGEMENT						\$204.02				\$204.02
OTHER EXPENSES					\$81.61					\$81.61
SUBTOTAL			0.62	HR	\$83.48	\$226.17			\$9.44	\$319.09
TOTAL OPERATING EXPENSES		_	11.64	HR	\$4,977.68	\$319.80	\$52.01	\$23.98	\$60.59	\$5,434.06
NET OPERATING PROFIT										\$679.19
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM		(\$983.98	@	5.50%)				\$54.12 \$23.94

BUDGET SUMMARY

\$6,113.25 \$5,053.67 \$1,059.58 (GROSS MARGIN)

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 \$60.59 \$998.98 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$319.80 \$679.19 (RETURN TO CAPITAL, LAND & RISK) \$78.06 \$601.13

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 2015
Planting Dates: March 15 - April 10

9	Dato.	· · · · · · · · · · · · · · · · · · ·		, .p		
Harvest	Dates:	August	15 -	- Nove	ember	30

Tiaivesi Dales. F	lugust 15 - November 50		
ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS GREEN RED	\$475.00 \$0.00	11.00 TONS 0.00 LBS	\$5,225.00 \$0.00
TOTAL			\$5,225.00

TOTAL									\$5,225.00
PURCHASED INPUTS	PRICE	QUANTI	TY	PURCHASED INPUTS				FIXED COST	TOTA
SEED	\$22.00	5 1	LBS	\$110.00					\$110.00
NITROGEN (N)	\$0.50	300 1		\$150.00					\$150.00
PHOSPHATE (P205)	\$0.40	70 I		\$28.00					\$28.00
HERBICIDE	\$74.10		X/ACRE	\$74.10					\$74.10
INSECTICIDE	\$46.16		X/ACRE	\$46.16					\$46.16
NEMATICIDE (CUSTOM)	\$45.54		X/ACRE	\$45.54					\$45.54
CROP INSURANCE		600 I	DOLLAF	\$40.00					\$40.00
PUMP WATER*		0 /	AC. IN.						
CANAL WATER		55 /	AC. IN.	\$116.33					\$116.33
SUBTOTAL			•	\$610.13					\$610.13
	POWER			PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE		INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC CHISEL	140 HP 140 HP	0.14 I 0.20 I			\$1.19 \$1.70	\$2.19 \$3.13	\$1.13 \$1.28	\$1.62 \$2.48	\$6.13 \$8.59
PLOW						\$5.94			
DISC (2X)	140 HP 140 HP	0.38 I 0.28 I			\$3.23 \$2.38	\$4.38	\$4.06 \$2.26	\$5.62 \$3.24	\$18.84 \$12.25
LASER PLANE (CUSTOM)	140 FF	0.20	ПК	\$73.33	φ2.36	\$4.30	\$2.20	\$3.24	\$73.33
FERTILIZE	140 HP	0.05 I	HD	φ13.33	\$0.43	\$0.78	\$0.22	\$0.47	\$1.89
DISC & SPRAY	140 HP	0.03 I			\$1.45	\$2.66	\$1.56	\$2.64	\$8.29
LISTER	140 HP	0.17			\$1.53	\$2.81	\$1.14	\$2.38	\$7.86
PRE-IRRIGATE	140111	0.75			\$6.38	\$0.00	\$0.00	\$0.00	\$6.38
ROLLING CULT	40 HP	0.73 I			\$1.79	\$1.57	\$0.75	\$0.53	\$4.63
VEG PLANT-SHAPER	140 HP	0.26			\$2.21	\$4.06	\$1.32	\$4.54	\$12.13
ROLLING CULT (2X)	40 HP	0.42			\$3.57	\$3.14	\$1.49	\$1.05	\$9.26
CULTIVATOR (3X)	40 HP	0.63			\$5.36	\$4.71	\$2.24	\$1.58	\$13.89
CULT & SIDEDRESS (2X)	140 HP	0.66			\$5.61	\$10.32	\$4.71	\$7.71	\$28.34
THINNING (CUSTOM)	140111	0.00		\$70.00	ψ5.01	ψ10.0 <u>2</u>	Ψ4.71	Ψ1.11	\$70.00
HOEING (CUSTOM)				\$80.00					\$80.00
ROTO BUCK (7X)	40 HP	0.11	HR	ψ00.00	\$0.89	\$0.79	\$0.12	\$0.73	\$2.53
IRRIGATE (10X)		5.00			\$42.50	\$0.00	\$0.00	\$0.00	\$42.50
SUBTOTAL		9.44	HR	\$223.33	\$80.20	\$46.47	\$22.27	\$34.58	\$406.84
HARVEST OPERATIONS									
HARVEST GREEN (CUSTOM)				\$990.00					\$990.00
HARVEST RED (CUSTOM)				\$0.00					\$0.00
HAUL (TRAILER) (3X)	40 HP	2.40 I			\$20.40	\$17.95	\$2.66	\$14.11	\$55.12
FORK LIFT (3X)	RENTAL	1.05 I	HR	\$10.00	\$8.93				\$18.93
HAUL (CUSTOM)				\$137.50					\$137.50
SUBTOTAL		3.45	HR	\$1,137.50	\$29.33	\$17.95	\$2.66	\$14.11	\$1,201.55
POSTHARVEST OPERATIONS									
SHREDDER	40 HP	0.29 I	HR		\$2.47	\$2.17	\$0.37	\$1.09	\$6.09
OVERHEAD EXPENSES									
DOWNTIME		1.86	HR		\$15.78				\$15.78
EMPLOYEE BENEFITS					\$20.16				\$20.16
INSURANCE				\$2.24					\$2.24
LAND TAXES								\$9.44	\$9.44
SUPERVISION AND MANAGEME	ENT				\$145.73				\$145.73
OTHER EXPENSES				\$81.61					\$81.61
SUBTOTAL		1.86	HR	\$83.85	\$181.67			\$9.44	\$274.95
TOTAL OPERATING EXPENSES		15.03	HR	\$2,054.81	\$293.66	\$66.59	\$25.29	\$59.21	\$2,499.56
NET OPERATING PROFIT									\$2,725.44
INTEREST ON OPERATING CAP		(\$474.80	@	5.50%)				\$26.11 \$21.35
									\$2,677.97

BUDGET SUMMARY

\$5,225.00

GROSS RETURN
VARIABLE OPERATING EXPENSES
RETURN OVER VARIABLE EXPENSES
FIXED EXPENSES
NET FARM INCOME
LABOR AND MANAGEMENT COST
NET OPERATING PROFIT
CAPITAL COSTS
RETURN TO LAND AND RISK \$2,146.69 \$3,078.31 (GROSS MARGIN) \$59.21 \$3,019.09 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$293.66 \$2,725.44 (RETURN TO CAPITAL, LAND & RISK) \$47.46 \$2,677.97

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 2015
Planting Dates: March 15 - April 10

				ugust 15 - November 30	Harvest Dates: Aug
TOTAL			YIELD	PRICE	ITEM
\$3,500.00			3,500.00 LBS	\$1.00	GROSS RETURNS RED
\$3,500.00					TOTAL
	FIXED	PURCHASED			
OST TOTAL	COST	INPUTS	QUANTITY	PRICE	PURCHASED INPUTS
\$176.00		\$176.00	8 LBS	\$22.00	SEED
\$125.00 \$24.00		\$125.00 \$24.00	250 LBS 60 LBS	\$0.50 \$0.40	NITROGEN (N) PHOSPHATE (P205)

SEED \$2.2.0	PURCHASED INPUTS	PRICE		UANTI	ITY	INPUTS				COST	TOTAL
PREHARVEST OPERATIONS	NITROGEN (N) PHOSPHATE (P205) HERBICIDE INSECTICIDE NEMATICIDE (CUSTOM) CROP INSURANCE PUMP WATER*	\$0.50 \$0.40 \$74.10 \$46.16		250 L 60 L 1 X 1 X 600 D	BS BS (/ACRE (/ACRE (/ACRE OOLLARS	\$125.00 \$24.00 \$74.10 \$46.16 \$45.54 \$40.00					\$125.00 \$24.00 \$74.10 \$46.16 \$45.54 \$40.00
DISC	SUBTOTAL				-	\$653.80				•	\$653.80
CHISEL 140 HP 0.20 HR \$1.70 \$3.13 \$12.8 \$2.48 \$8.59 PLOW 140 HP 0.38 HR \$3.23 \$5.94 \$4.06 \$5.62 \$18.24 DISC (ZY) 140 HP 0.28 HR \$3.23 \$5.38 \$4.38 \$2.26 \$5.24 \$19.25 \$18.24 DISC (ZY) TAVELON TAVELON	PREHARVEST OPERATIONS		ACCC				LABOR		REPAIRS		TOTAL
HARVEST (CUSTOM)	CHISEL PLOW DISC (2X) LASER PLANE (CUSTOM) FERTILIZE DISC & SPPAY LISTER PRE-IRRIGATE ROLLING CULT VEG PLANT-SHAPER ROLLING CULT (2X) CULTIVATOR (3X) CULT & SIDEDRESS (2X) THINNING (CUSTOM) HOEING (CUSTOM) ROTO BUCK (7X)	140 HP 140 HP 140 HP 140 HP 140 HP 140 HP 40 HP 40 HP 40 HP 40 HP		0.20 H 0.38 H 0.28 H 0.05 H 0.17 H 0.18 H 0.75 H 0.21 H 0.26 H 0.63 H 0.66 H	HR H	\$70.00	\$1.70 \$3.23 \$2.38 \$0.43 \$1.45 \$1.53 \$6.38 \$1.79 \$2.21 \$3.57 \$5.36 \$5.61	\$3.13 \$5.94 \$4.38 \$0.78 \$2.66 \$2.81 \$0.00 \$1.57 \$4.06 \$3.14 \$4.71 \$10.32	\$1.28 \$4.06 \$2.26 \$0.22 \$1.56 \$1.14 \$0.00 \$0.75 \$1.32 \$1.49 \$2.24 \$4.71	\$2.48 \$5.62 \$3.24 \$0.47 \$2.64 \$2.38 \$0.00 \$0.53 \$4.54 \$1.05 \$1.58 \$7.71	\$8.59 \$18.84 \$12.25 \$73.33 \$1.89 \$8.29 \$7.86 \$6.38 \$4.63 \$12.13 \$9.26 \$13.89 \$28.34 \$70.00 \$80.00 \$2.53
HARVEST (CUSTOM)	SUBTOTAL			9 Q4 F	4R	\$223.33	\$84.45	\$46.47	\$22.27	\$34.58	\$411.09
POSTHARVEST OPERATIONS SHREDDER 40 HP 0.29 HR \$2.47 \$2.17 \$0.37 \$1.09 \$6.09	HARVEST OPERATIONS HARVEST (CUSTOM) HAUL (TRAILER) (3X) FORK LIFT (3X)			0.80 F	НR	\$700.00 \$10.00	\$6.80				\$700.00 \$18.37 \$12.55
SHREDDER 40 HP 0.29 HR \$2.47 \$2.17 \$0.37 \$1.09 \$6.09	SUBTOTAL			1.10 F	HR.	\$815.00	\$9.35	\$5.98	\$0.89	\$4.70	\$835.92
DOWNTIME	SHREDDER	40 HP		0.29 F	ΗR		\$2.47	\$2.17	\$0.37	\$1.09	\$6.09
TOTAL OPERATING EXPENSES 12.59 HR \$1,775.66 \$268.87 \$54.62 \$23.52 \$49.80 \$2,172.48 NET OPERATING PROFIT \$1,327.52	DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT			1.27 F	ΗR		\$17.33			\$9.44	\$17.33 \$1.93 \$9.44 \$144.50
NET OPERATING PROFIT \$1,327.52 INTEREST ON OPERATING CAPITAL (\$468.62 @ 5.50%) \$25.77 INTEREST ON EQUIPMENT INVESTMENT \$18.24	SUBTOTAL			1.27 H	HR	\$83.53	\$172.61			\$9.44	\$265.58
INTEREST ON OPERATING CAPITAL (\$468.62 @ 5.50%) \$25.77 INTEREST ON EQUIPMENT INVESTMENT \$18.24	TOTAL OPERATING EXPENSES		1	2.59 F	łR	\$1,775.66	\$268.87	\$54.62	\$23.52	\$49.80	\$2,172.48
INTEREST ON EQUIPMENT INVESTMENT \$18.24	NET OPERATING PROFIT										\$1,327.52
RETURN TO LAND AND RISK \$1,283.50		г	(\$468	3.62	@	5.50%)				
	RETURN TO LAND AND RISK										\$1,283.50

*Pump water costs are shown under irrigation in the preharvest operation section	n.
BUDGET SUMMAR	₹Y

\$3,500.00 \$1,853.81

GROSS RETURN
VARIABLE OPERATING EXPENSES
RETURN OVER VARIABLE EXPENSES
FIXED EXPENSES
NET FARM INCOME
LABOR AND MANAGEMENT COST
NET OPERATING PROFIT
CAPITAL COSTS
RETURN TO LAND AND RISK \$1,646.19 (GROSS MARGIN) \$49.80 \$1,596.39 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$268.87

\$1,327.52 (RETURN TO CAPITAL, LAND & RISK) \$44.01 \$1,283.50

Table 19. Summary of per acre costs and returns for a 500 acre farm with above average management, Dona Ana and Sierra Counties, Projected 2015

	ALFALFA ESTABLISHMENT	ALFALFA HAY	PIMA COTTON	PICKER COTTON	GRAIN SORGHUM	SPRING LETTUCE	FALL LETTUCE	CORN SILAGE	FALL ONIONS	MIDSEASON YELLOW ONIONS	SWEET SPANISH ONIONS	GREEN CHILE	RED CHILE
		TONS	LBS	LBS	CWT	CARTONS	CARTONS	TONS	SACKS	SACKS	SACKS	TONS/LBS	LBS
PRIMARY YIELD PRIMARY PRICE		8.00 \$220.00	750.00 \$1.00	1,000.00 \$0.80	40.00 \$6.57	475.00 \$6.21	500.00 \$5.94	30.00 \$50.00	1,200.00 \$7.87	675.00 \$8.24	825.00 \$7.41	11.00 \$475.00	3,500.00 \$1.00
GOVERNMENT PAYMENTS SECOND INCOME		\$0.00 \$0.00	\$0.00 \$102.00	\$143.55 \$136.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
GROSS RETURN		\$1,760.00	\$852.00	\$1,079.55	\$262.86	\$2,949.75	\$2,970.00	\$1,500.00	\$9,444.00	\$5,562.00	\$6,113.25	\$5,225.00	\$3,500.00
CASH OPERATING EXPENSES													
SEED FERTILIZER	\$120.00 \$36.00	\$53.50	\$140.25 \$80.00	\$188.75 \$80.00	\$13.10	\$7.56 \$195.00	\$7.80 \$185.00	\$71.78 \$150.00	\$840.00 \$400.00	\$716.00 \$297.00	\$716.00 \$297.00	\$110.00 \$178.00	\$176.00 \$149.00
CHEMICALS	\$26.84	\$14.40	\$33.37	\$98.09	\$55.60	\$111.09	\$250.28	\$30.00	\$196.12	\$297.00 \$140.58	\$140.51	\$165.80	\$165.80
CROP INSURANCE	*	******	\$2.94	\$0.34	\$2.94	********	4	\$2.94	*	********	•	\$40.00	\$40.00
OTHER PURCHASED INPUTS		\$90.50											
CANAL WATER		\$123.00	\$87.00	\$87.00	\$75.00	\$75.00	\$46.67	\$83.00	\$109.67	\$99.00	\$109.67	\$116.33	\$123.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$40.80	\$25.09	\$83.67	\$84.29	\$20.50	\$39.83	\$43.44	\$12.41	\$57.12	\$51.96	\$51.96	\$66.59	\$54.62
FUEL-IRRIGATION	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.14	\$0.00	\$0.05	\$0.05	\$0.05	\$0.05	\$0.00	\$0.00
REPAIRS CUSTOM CHARGES	\$13.26 \$73.33	\$6.34 \$60.80	\$29.37 \$116.03	\$29.58 \$128.30	\$8.58 \$16.80	\$18.87 \$1.896.18	\$20.79 \$2.022.23	\$5.42 \$10.00	\$26.34 \$5.243.29	\$23.98 \$3.056.41	\$23.98 \$3.631.02	\$25.29 \$1.360.83	\$23.52 \$1.038.33
LAND TAXES	\$73.33	\$9.44	\$116.03	\$128.30	\$16.80	\$1,896.18	\$2,022.23	\$10.00	\$5,243.29	\$3,056.41	\$3,631.02	\$1,360.83	\$1,038.33
OTHER EXPENSES	\$0.51	\$82.76	\$83.04	\$83.04	\$82.24	\$82.90	\$82.97	\$82.09	\$83.49	\$83.31	\$83.48	\$83.85	\$83.53
TOTAL CASH EXPENSES	\$310.79	\$465.83	\$665.10	\$788.82	\$284.19	\$2,436.01	\$2,668.61	\$457.12	\$6,965.51	\$4,477.74	\$5,063.11	\$2,156.13	\$1,863.24
RETURN OVER CASH EXPENSES	(\$310.79)	\$1,294.17	\$186.90	\$290.73	(\$21.33)	\$513.74	\$301.39	\$1,042.88	\$2,478.49	\$1,084.26	\$1,050.14	\$3,068.87	\$1,636.76
FIXED EXPENSES	\$42.20	\$158.19	\$106.20	\$106.61	\$17.91	\$53.39	\$33.63	\$27.43	\$55.01	\$50.85	\$51.16	\$49.78	\$40.37
TOTAL EXPENSES	\$352.99	\$624.02	\$771.30	\$895.43	\$302.10	\$2,489.40	\$2,702.24	\$484.55	\$7,020.53	\$4,528.59	\$5,114.27	\$2,205.91	\$1,903.61
NET FARM INCOME	(\$352.99)	\$1,135.98	\$80.70	\$184.12	(\$39.24)	\$460.35	\$267.76	\$1,015.45	\$2,423.47	\$1,033.41	\$998.98	\$3,019.09	\$1,596.39
LABOR AND MANAGEMENT COSTS	\$68.54	\$200.52	\$157.48	\$177.53	\$58.97	\$186.00	\$157.09	\$137.44	\$356.46	\$302.65	\$319.80	\$293.66	\$268.87
NET OPERATING PROFIT	(\$421.54)	\$935.46	(\$76.77)	\$6.59	(\$98.21)	\$274.35	\$110.67	\$878.02	\$2,067.01	\$730.76	\$679.19	\$2,725.44	\$1,327.52
CAPITAL COSTS INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT		\$7.91 \$18.27	\$14.57 \$36.49	\$14.35 \$36.65	\$4.51 \$8.15	\$22.01 \$27.74	\$25.89 \$15.51	\$9.58 \$13.00	\$69.38 \$25.32	\$51.19 \$23.94	\$54.12 \$23.94	\$26.11 \$21.35	\$25.77 \$18.24
TOTAL CAPITAL COSTS	\$0.00	\$26.18	\$51.07	\$51.00	\$12.66	\$49.74	\$41.40	\$22.58	\$94.71	\$75.14	\$78.06	\$47.46	\$44.01
RETURN TO LAND AND RISK	(\$421.54)	\$909.28	(\$127.84)	(\$44.41)	(\$110.87)	\$224.60	\$69.27	\$855.43	\$1,972.30	\$655.63	\$601.13	\$2,677.97	\$1,283.50

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

Projected 2015					
GROSS RETURNS ALFALFA HAY	400	ACDEC			
CROP	160	ACRES	\$281,600		
PIMA COTTON	17	ACRES			
LINT SEED			\$12,750 \$1,734		
COUNTER CYCLICAL PAYMENT			\$0		
UPLAND COTTON	149.00	ACRES	0440.000		
LINT SEED			\$119,200 \$20,264		
DIRECT PAYMENT			\$0		
COUNTER CYCLICAL PAYMENT			\$21,389		
GRAIN SORGHUM CROP	17	ACRES	\$4,469		
DIRECT PAYMENT			\$0		
COUNTER CYCLICAL PAYMENT	40	10050	\$0		
SPRING LETTUCE CROP	10	ACRES	\$29,498		
FALL LETTUCE	50	ACRES	Ψ20,100		
CROP	47	10050	\$148,500		
WHEAT CROP	17	ACRES	\$25,500		
DIRECT PAYMENT			\$0		
FALL ONIONS	20	ACRES	\$400.000		
CROP MIDSEASON YELLOW ONIONS	20	ACRES	\$188,880		
CROP			\$111,240		
SWEET SPANISH ONIONS	20	ACRES	040000		
CROP GREEN CHILE	15	ACRES	\$122,265		
GREEN	13	ACITEO	\$78,375		
RED			\$0		
RED CHILE RED	15	ACRES	\$52,500		
KES			ψ02,000		
GROSS RETURN				·-	\$1,218,163
CASH OPERATING EXPENSES					
SEED			\$86,946		
FERTILIZER CHEMICALS			\$61,815 \$48,158		
CROP INSURANCE			\$1,400		
OTHER PURCHASED INPUTS			\$14,480		
CANAL WATER FUEL, OIL & LUBRICANTS-EQUIP	MENT		\$49,848 \$27,797		
FUEL-IRRIGATION	IVIE IVI		\$8		
REPAIRS			\$10,136		
CUSTOM CHARGES LAND TAXES			\$428,881 \$4,812		
OTHER EXPENSES			\$42,334		
TOTAL CASH EXPENSES			-	\$776,615	
RETURN OVER CASH EXPENSES				,.	\$441 E40
					\$441,548
FIXED EXPENSES			\$35,307		
TOTAL EXPENSES				\$811,922	
NET FARM INCOME					\$406,241
LABOR AND MANAGEMENT COSTS			\$105,023		
NET OPERATING PROFIT					\$301,218
CAPITAL COSTS					
INTEREST ON OPERATING CAPI INTEREST ON EQUIPMENT INVE			\$9,678 \$12,475		
TOTAL CAPITAL COSTS			-	\$22,153	
				Ψ22,100	
RETURN TO LAND AND RISK				-	\$279,065
LAND VALUE	RETURN TO RISK*		RETURN ON INVESTMENT**		
#0.000 /AODE	#00 / DDF		17.00:		
\$3,000 /ACRE \$5,000 /ACRE	\$234,065 \$204,065		17.80% 11.19%		
\$7,000 /ACRE	\$174,065		8.16%		
\$9,000 /ACRE \$11,000 /ACRE	\$144,065		6.42%		
	\$114,065		5.29%		

^{*} 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)