MICROCOMPUTER CROP COST AND RETURN GENERATOR

VERSION 1.0

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FARM SIZE.....
IRRIGATION TYPE.....
NUMBER OF CROPS...

		WATER	USE
ACREAGE SUMMARY:	LAND USE (ACRES)	AC.IN. PER AC.	TOTAL AC.IN.
ALFALFA ESTABLISHMENT ALFALFA	57.00 285.00	42 48	2,394 13,680
BARLEY ARP	8.50 0.00	28	238
FLEX IN PICKER COTTON	1.50	28	42
OAT HAY	8.00	28	224
PICKER COTTON	59.50	28	1,666
ARP	0.00		
FLEX IN PICKER COTTON	10.50	28	294
STRIPPER COTTON	59.50	28	1,666
ARP	0.00		
FLEX IN PICKER COTTON	10.50	28	294
TOTAL	500.00	-	20,498
ACRE FEE PER ACRE	OF WATER RIGHTS		3.42

TABLE 2. Basic cost information for the Artesia-Lake Arthur area, Projected 2009.

It	em				
Labor Wage	Rate:				
	nt operators		\$/hour		\$7.20
	Irrigators		\$/hour		\$7.25
Conordio	inigatoro		ψπισαι		Ų <u>2</u> 0
Purchased I Fertilizer:	nputs:				
	Nitrogen (N)		\$/pound		\$0.62
	Phosphate (P.0.)		\$/pound		\$0.58
Chemicals:	' ' 2 5'		ψηροαιία		ψ0.50
	Herbicide		\$/acre		\$0.00
	Insecticide		\$/acre		\$0.00
Seed:					
	Alfalfa		\$/pound		\$4.00
	Cotton				
	picker		\$/pound		\$1.86
	stripper		\$/pound		\$1.86
	Oats		\$/pound		\$0.38
	Barley		\$/pound		\$0.34
Wire:			\$/pound		\$3.55
Natural ga	as		\$/MCF		\$5.89
(service	charge)		\$/month		\$10.00
Diesel fue	el .		\$/gallon		\$2.80
Gasoline			\$/gallon		\$2.50
Electricity			cents/KwHr		7.64
LP Gas			\$/gallon		\$2.55
Employee L	iability Insurance		\$/\$1,000 wa	ages	\$0.29
Employee B	enefits		percent/wa	ges	18.00%
Labor Down	time		percent		0.00%
Financial Ra	ites:				
Operating (Capital Interest Rate		percent		0.00%
Land Intere			percent		Amount
	Interest Rate		percent		0.00%
Real Intere	st Rate		percent		0.00%
Land Taxes		\$250.00	/acre (full va	alue)	\$1.86
Personal Pro	operty Tax Rate - NR		\$/\$1,000	(Assessed	\$22.28
	- R			Value)	\$23.30
Supervision	Factors				
Field Crop	o-Irrigation		\$/labor hou	r	\$0.08
	o-Equipment & General		\$/labor hou	r	\$0.03
	Crop-Irrigation		\$/labor hou		\$0.00
Vegetable	Crop-Equip. & General		\$/labor hou	r	\$0.00
Managemen	t Rate				
Field Crop			percent/GR		7.00%
Vegetable	Crops		percent/TO	E	0.00%

TABLE 3. Overhead cost information for the Artesia-Lake Arthur area, Projected 2009.

Item				
Electricity (Domestic & Shop)		\$227.36 per month	1 \$2,728.32
Telephone			\$113.68 per month	n \$1,364.16
Accounting & Legal				\$1,577.60
Misc. Supplies & Hand Tools				\$1,475.52
Pickup and Auto				
miles	23,200	@	\$0.415 per mile	\$9,628.00
Insurance				
- general liability (non-emp	loyee)			\$1,762.04
- fire/theft				\$1,577.60
Property Taxes				
 non-planted land 				\$0.00
 other than land & machin 	ery			\$0.00
Building repairs and mainten	ance			\$1,331.68
Dues, fees, publications				\$406.00
Farmstead Equipment				\$172.84
			Total	\$22,023.76
			Total Per Planted Acre	\$49.7

TABLE 4. Pumping cools and data for long Protecting 2008.	plin webs, Arlesia Cate Arthur area,			
DELVERY PEL SPRINCER HEAD	DEPTH CHROACTERISTICS STATIC DRIVEN COUNT. TOTAL HEAD.	60 20 80	BOOSTER PLANF	-
NORK HORSEPONER.	10		WORK HORSEPOWER	
EFFICIENCY FACTOR			EFFICIENCY FACTOR	
BUICTROTY	0.47		BUICTROTY	0.47
NATURAL GAS	612		AATURIS CIKE	0.12
DE GAS DESEL	0.12		DESEL	0.12
DEL CONTREMAND			DECOST SERVICES	
NATURAL GAS	SLEE SMCF		NATURNI, GKS	SI AN SMCF
UP GAS	\$2.81 BOAL		UP GKS	\$2.50 B/GAL
DESEL	\$2.00 \$0.00		DESEL	\$2.80 B/GAL
TOTAL FUEL COSTS			TOTAL FUEL COSTS (BOOSTER FUE	E.
n action with			marray.	
COST PER HOUR	1120		COST PERHOUR	89.76
COST PER ACRE NON	\$1.14		COST PER ACRE INCH	\$2.68
NATURAL CAS WELL			NATURAL GAS:	
COST PER HOUR	\$1.41 \$1.78		COST PER HOUR	30.85
	\$1.28			\$9.77
POATWILL	20.07		UP GAS	77.00
COST FER HOUR	85.41 85.41		COST PER HOUR	13.14
NAME AND D			nem .	
DESELVELL.	F1.10		COST SERVICES	27.89
COST FER HOUR	E3.10		COST PER HOUR	\$1.89

EQUIPMENT	_	and the				VANDAGE	E COSTS		FOO	ED-COSTS	
TEMATICAL		HOUPE OF	MARKET TOTAL VALUE		PUBLICAL PEPAR PUBLICAL PER		PUBLICAL PERHE	PERAN PERAN	DEPRECATION	1000	TOTAL PER HR
THAT TOWN	40.00				****			11.01	run		
MACTOR	40 HP	74		20,662	\$1984	\$80 \$318	\$9.50 \$12.16	\$1.08 \$1.29	2360	141	
MACTOR	20.10	265		\$1,642 \$17,030	12,884	\$318	\$12.16 \$17.05	\$1.20 \$2.07	\$1.152 \$1.152	1125	
MACTOR	70.10	169		\$17,030	\$2,890	\$381 \$738	\$17.00	\$207 \$307	\$1,162	\$138	27.00
MACTOR	140.40	314		\$17,030	38,074	\$738	\$17.00	\$257 \$157	\$1,162	\$138	
PACTOR	140.00	313		\$37,367 \$126287	27,100	\$1,251	\$23.10 \$16.93	\$3.97 \$77.34	114787	1344	
DTTONFICKER		27		\$126,267		\$1,040		817.14	\$14,282 \$197	2790	
DITONSTRUPER MED	10.07	177		\$2,960 \$31,360	27.004	134	F10.48	\$5.K2	1747	100	
MATHER MERINGONER		177		\$21,560	\$1,854 \$6,217	1204	\$10.48	\$1.46	83,621	1366	
								\$20.32 \$0.22			17.61 11.61
	1277	27		12,200		129		11.05		110	
		32									

		NEW	UNID	YEARS	EQUIP	MAX	PUBL	summ	ACCUM		NUMBER	AUTAUTA EST.	ALPALPA HEE	BULLIYO	CAMER	DAT	PICKER	COTTON	TOTAL
114		VALUE	VALUE	UPE	0008	HOURS	UNITHE	COSE	HOURS	ACE	EXPENSE		- Area I						
				10		800		0.10	1112	10	0.00	5.05	0.25		142				1.2
IBC	12 FT	4,500	2,250	18		300			1710	16	0.00	9.81		0.34	0.81	0.34	9.81	0.81	2.3
PRIA.	12 FT	4,400	2,200	10		100			396	13	0.00	0.42		0.21		0.21			0.1
LINE	1677	8,800	2,790	18		300			820	16	0.00	9.87			0				0.1
LORT	1677	900	600	18		300			790	10	0.00	0.48			0.16		0.16	0.16	0.1
DTTON TRALER		1,400	790	30		20			326	18	0.00							0.79	1.3
MI	RFT	3,100	1,880	30		800			1112	10	0.00	0.00	0.26						
LEO		799	379	18		800			648	18	0.00						0.15	0.10	
ATURAL GAS BOOKTER		8,000	2,800	18		1,742			7326	10	0.00	38.02	43.43	29.34	21.72	26.34	26.34	25.34	204.5
DE FICILIPPOWEEK		8,000	2,800	18		1.74			92797	10	0.00	38.02	43.43	28.34	21.72	26.34	26.34	25.34	204.5

	BOTH PRINT PR	отило	N			
APRING APRIPA	ALFREPA HKYP	MANY	CUCLAMIEN	GAT	COTTON	COTTON
-	day or acre					
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APAPATETAL DARK	ACRES	17	PUMP WAT	III.	a	
MICHIE	POWER TAKE UNIT OVER		MATE 1	nots.	CURTOM	
MACHINE DISC. PLONE PLONE PLONE PLONE PLONE PLONE PLONE (DE) PROSE (DE) PROSE (DE) PROSE (DE) PROSE (DE)	165 HP 165 HP 75 HP 165 HP 165 HP 75 HP 75 HP	-,-	0.17 0.48 0.18 0.19 0.17 0.19 0.17	0.17 0.48 0.16 0.07 0.34 0.32 0.42		
PLONE	145 HP 73 HP	1 1 2 2 2 2 2 2	0.16	0.48 0.16		
PLANE (DK) DRIC (DK)	145 HP	3	0.19	0.34		
DMTT (DIC)	73 HP	- 5	0.21	0.42		
PRODUCTION (SALE)		•				
BAATHER(DX) NAME BALERINGON DXI	16 PT 40 HP 126 HP 3F	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.11 0.08 0.28 0.2	033 008 078 0.8		
BALESSACON (DK)	20.00	í	0.3	0.6		
AMERICAL PACES	ACRES.	200	PORP WAY	IK MAN		
MORE	POWER TANK UNIT OVER		MATE 1	note.	CUNTOM	
PRIGATE (IX)			0.01	43.48		
TORTHE TO			411			
SAATHER(DO) NAME (DO) BALLER (DO) BALLE WANDON (DO)	16 PT 3P 40 HP 56 HP 3P	1	0.11 0.08 0.38 0.3	0.88 0.28 1.26 1		
BALE WASON (IX)			0.3	1		
BARLEY	ACRES		PUMP WAS	IN.	28	
			000095.004	MENT		
MORE	POWER TANK UNIT OVER		MATE 1	nots.	CURTOM	
PLON DISC (DX) PERC (DX) PERC LIZE DML	145 HP 145 HP DEALER AP 73 HP	2	0.48 0.17	0.48 0.34		
PRICATE (DX)	73 HP	1 1	0.21 0.81	0.21 28.34		
COMBNE (CUSTOM) PER ACRE PER CUST OWN 18 CMT HISLA ICUSTOM) PER CMT					14.68 0.19 0.2	
HILL (CUSTOM) PER CHT					0.2	
CUCLAMERS	ACRES		PUMP WATE	IIS.	26	
•			COMPLEM	MENT	-	
MORE	POWER TAKE UNIT OVER 145 HP 145 HP 145 HP 75 HP DEALER APPLED		NATE 1	note.	CURTOM	
DISC PLOW	145 HP 145 HP	1	0.17 0.48 0.17 0.19	0.17 0.48 0.34 0.16		
DISC (DK) FLOAT	145 HP 73 HP	1	0.17	0.34 0.16		
PRE-PREDATE	CARLES APPLIES	1	0.06 0.21 0.26 0.21	1.65 0.21 0.26 0.42		
PLINTER CLETWITCH (DI) THISE HOR (DI) PRODUTE (160)	65 HP 73 HP 40 HP	į	0.26	0.40		
PRICATE (160)		14	0.84	20.27		
HUMBERT (CLISTOM) HULL (VEC. TRALLIS)	40 HP	rounts	0.8	1	033	
CATHEY	ACRES		PUMP WAZ	IK.	28	
MORE	POWER TANK UNIT CHES	-	0.00 NATE 1 0.48 0.17 0.21 0.01	notes.	CURTON	
PLOW DRIC (DX) DRILL (RX)	145 HP 145 HP 75 HP	-,-	0.48	0.68 0.34 0.21 28.34		
DMEC (DX)	145 HP 75 HP	1 2	9.27	0.34		
PARTY IN			4.01	20.20		
BALTHER BALE WASON	14 PT 126 HP 8 P.	1	0.16 0.26 0.3	0.16 0.26 0.3		
BALE WASON	8.6	1	0.3	0.3		
URLAND COTTON OFFICER	47900					
Drone Control Product	ALAES.		COMPLINE	MENT	-	
MORE	POWER TANK UNIT OWN		MATE 1	nots.	CUNTOM	
DISC PLOW	145 HP 145 HP	1	0.17	0.17		
DISC PLOW DISC (DK) PLOAT	145 HP 145 HP 145 HP	1 1 2 1	0.17 0.48 0.17 0.16	0.17 0.48 0.34 0.16		
DISC PLOW DISC (20) FLOAT PRE-PRICATE CALTINATOR	16 HP 16 HP 16 HP 16 HP	1	0.17 0.48 0.17 0.16 0.20 0.21	0.17 0.48 0.34 0.16 6.34 0.21		
DISC (DIX) PLOM PROMP DISC (DIX) PROMP PROMPATE CLATMATOR EX. SLED CLAT VATOR (DX.)	161P 161P 161P 161P 161P 71P 51P	1	0.17 0.48 0.17 0.16 0.20 0.21 0.26 0.21 0.26	0.17 0.48 0.34 0.16 0.34 0.21 0.26 0.18 0.63		
DRC (RI) PLON DRC (RI) PLOAT CATANATOR PROPERTY RIS RIS CATANATOR PARTY RIS RIS CATANATOR (RIC) HORD TO RIS (CATANATOR) PROBLET (RIC) PROBLET (RIC)	145 HP 145 HP 145 HP 145 HP 155 HP 75 HP 75 HP 65 HP	1	0.17 0.08 0.17 0.18 0.19 0.29 0.29 0.29 0.29 0.29 0.29	01% 0.17 0.48 0.34 0.16 6.34 0.21 0.20 0.16 0.63	20	
MARCHEL (DX)	SEMP 75 MP 75 MP SEMP		0.68	1801		
DISC PLON DISC(20) FILOM	160 HP 160 HP 160 HP 160 HP 170 HP 70 HP 70 HP 70 HP 70 HP 70 HP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.17 0.88 0.19 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.2	0.17 0.48 0.16 0.21 0.20 0.11 0.40 0.11 0.40 0.11 0.40 0.11	20	
MARCHEL (DX)	SEMP 75 MP 75 MP SEMP		0.68	1801	20	
MARCHEL (DX)	SEMP 75 MP 75 MP SEMP	2	9.37	074 1	20	
MARCHEL (DX)	SEMP 75 MP 75 MP SEMP		0.68	1801	20	
MARCHEL (DX)	SEMP 75 MP 75 MP SEMP	2	9.37	074 1	20	
MARCHEL (DX)	ES HP 73 HP 73 HP ES HP 2 MOW ES HP	2	9.37	074 1	20	
MARCHEL (DX)	SENT TO SET TO S	1	0.00 0.00 0.00 0.00 FURNITURED	0.74 0.74 0.74	20 0.10 28 CURTOM	
PPRIGATE (DO) COTTON/POUR (DO) NING, (DI) ON COTTON (CARTON) SAROR EMPED CERT UPLAND COTTON (EXPEPPER) MACHINE DISC	SENT TO SET TO S	1	0.00 0.00 0.00 0.00 FURNITURED	0.74 0.74 0.74	20 0.18 28 CURTON	
PRIGATE (XX) COTTON PODER (XX) MING LIVE ON COTTON (CENTRAL) SA POR DIFFED DEN MICHAEL COTTON (ETREPPER) MICHAEL COTTON (ETREPPER) DEC COTTON (ETREPPER) DEC COTTON (ETREPPER)	23 PP 23 PP 23 PP 24 PP 25 PP	1	0.00 0.00 0.00 0.00 FURNITURED	0.74 0.74 0.74	20 0.18 28 CURTON	
PRIGATE (XX) COTTON PODER (XX) WHILE DIV. WHILE DIV. WHILE DIV. WHILE DIV. SHREED CERN SHREED CERN WHARD CERN MACHINE BEC. PLOW PLOW	23 PP 23 PP 23 PP 24 PP 25 PP	1	0.00 0.00 0.00 0.00 FURNITURED	0.74 0.74 0.74	20 0.18 28 CURTOM	
PRIGATE (XX) COTTON PODER (XX) WHILE DIV. WHILE DIV. WHILE DIV. WHILE DIV. SHREED CERN SHREED CERN WHARD CERN MACHINE BEC. PLOW PLOW	SENT TO SET TO S		0.00 0.37 0.30 0.30 0.30 0.30 0.37 0.47 0.47 0.47 0.47 0.47 0.47 0.47 0.4	0.74 0.74 0.74 0.75 0.75 0.77 0.88 0.34 0.34 0.34 0.34 0.34 0.34 0.34 0.34	20 0.18 28 CLISTON	
PRIGATE (XX) COTTON PODER (XX) MING LIVE ON COTTON (CENTRAL) SA POR DIFFED DEN MICHAEL COTTON (ETREPPER) MICHAEL COTTON (ETREPPER) DEC COTTON (ETREPPER) DEC COTTON (ETREPPER)	23 PP 24 PP	1	9.37	0.74 0.74 0.74	20 0.18 28 CLR30M	
PRIGATE (XX) COTTON PODER (XX) WHILE DIV. WHILE DIV. WHILE DIV. WHILE DIV. SHREED CERN SHREED CERN WHARD CERN MACHINE BEC. PLOW PLOW	23 PP 24 PP		0.00 0.37 0.30 0.30 0.30 0.30 0.37 0.47 0.47 0.47 0.47 0.47 0.47 0.47 0.4	0.74 0.74 0.74 0.75 0.75 0.77 0.88 0.34 0.34 0.34 0.34 0.34 0.34 0.34 0.34	20 0.18 28 CURTON 20 20	
SPECIAL DOS CONTROL DOS CONTRO	61 MP 73 MP 73 MP 73 MP 81 MP 2 MOW 61 MP 73 MP ACREE TO MP 101	ACC.	0.48 0.37 0.3 0.14 PUBLIF VIOLE 0.17 0.17 0.17 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	074 1 024 024 024 024 024 024 024 024 024 024	26 0.16 28 28 CLUSTOM	
SPECIAL DOS CONTROL DOS CONTRO	23 PP 24 PP		0.00 0.37 0.30 0.30 0.30 0.30 0.37 0.47 0.47 0.47 0.47 0.47 0.47 0.47 0.4	0.74 0.74 0.74 0.74 0.75 0.77 0.88 0.34 0.34 0.34 0.34 0.34 0.34 0.34 0.34	26 0.16 28 28 28 28 28 28 28 28 28 28 28 28 28	
PRIGATE (XX) COTTON PODER (XX) WHILE DIV. WHILE DIV. WHILE DIV. WHILE DIV. SHREED CERN SHREED CERN WHARD CERN MACHINE BEC. PLOW PLOW	61 MP 73 MP 73 MP 73 MP 81 MP 2 MOW 61 MP 73 MP ACREE TO MP 101	ACC.	0.48 0.37 0.3 0.14 PUBLIF VIOLE 0.17 0.17 0.17 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	074 1 024 024 024 024 024 024 024 024 024 024	20 0.18 28 COMPONE	
SPECIAL DOS CONTROL DOS CONTRO	61 MP 73 MP 73 MP 73 MP 81 MP 2 MOW 61 MP 73 MP ACREE TO MP 101	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	074 1 024 024 024 024 024 024 024 024 024 024	20 0.18 28 CUNTOM 20	
SPECIAL DOS CONTROL DOS CONTRO	61 MP 73 MP 73 MP 73 MP 81 MP 2 MOW 61 MP 73 MP ACREE TO MP 101	ACC.	0.48 0.37 0.3 0.14 PUBLIF VIOLE 0.17 0.17 0.17 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	074 1 024 024 024 024 024 024 024 024 024 024	30 0.18 38 CLUSTOM 20 0.18	
SPECIAL DOS CONTROL DOS CONTRO	61 MP 73 MP 73 MP 73 MP 81 MP 2 MOW 61 MP 73 MP ACREE TO MP 101	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	074 1 074 1	20 0.18 24 CURTOM 20 0.18 0.18	
SPECIAL STATE OF THE STATE OF T	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	20 0.18 28 28 28 28 28 28 28 28 28 28 28 28 28	
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	30 0.18 38 20 0.18 30	
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	20 0.16 28 20 0.16 20	# 0
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	20 0.18 28 20 0.18 20	#
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	20 0.18 38 20 0.18 20	F
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	20 0.18 20 0.19 20 0.1	B 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	30 0.18 30 0.1	8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	20 0.18 28 20 0.18 20	3
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	20 0.18 20 0.1	#
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 MP 73 MP 73 MP 73 MP 81 MP 2 MOW 61 MP 73 MP ACREE TO MP 101	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	074 1 074 1	20 0.18 20 0.1	
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	26 0.16 28 0.16 0.16 0.16 0.16 0.16 0.16 0.16 0.16	
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW 7 OF NEW 7	20 0.18 20 0.1	8
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 0.18 20 0.1	#
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 0.18 20 0.1	
SPECIAL STATE OF THE STATE OF T	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	26 0.18 28 0.1	#
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 0.18 20 0.1	
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00 0.	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 0.16 28 28 28 28 28 28 28 28 28 28 28 28 28	
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 0.78 20 0.7	
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 0.18 20 0.19 20 0.1	
Company Comp	61 P	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 CURTON 20 CUR	
Company Comp	61 P	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 CONTON	
SPECIAL DISTORY CONTROL STATE OF THE SPECIAL DIS	61 P	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.00 0.	0.74 0.74 0.74 0.74 0.75 0.77 0.77 NEW Y. C.F. NEW Y.	20 0.18 20 0.1	

TABLE 6. Alfalfa establishment, sprinkler-irrigated, budgeted per acre costs and returns for a 500 acre farm with above average management, Artesia-Lake Arthur area, Projected 2009.

Projected 2009.
Planting dates: March 15 - April 30 ITEM PRICE YIELD TOTAL GROSS RETURNS 6.50 TONS (STACKED) ALFALFA HAY \$140.00 \$910.00 TOTAL \$910.00 PURCHASED INPUTS FIXED PURCHASED INPUTS PRICE QUANTITY TOTAL \$4.00 20 LBS \$80.00 \$80.00 FERTILIZER (16-20-0) HERBICIDE 200 LBS 1 ACRE \$0.23 \$46.00 \$46.00 \$0.00 \$0.00 \$0.00 PUMP WATER* 42 AC. IN. \$126.00 \$126.00 SUBTOTAL POWER ACCOMPLISHMENT PURCHASED FUEL & FIXED PREHARVEST OPERATIONS REPAIRS RATE LABOR TOTAL UNIT **INPUTS** LUBE DISC PLOW 0.17 HR 0.48 HR 145 HP \$1.22 \$3.93 \$1.15 \$2.09 \$8.39 145 HP \$3.46 \$11.09 \$25.93 \$4.29 \$7.10 FLOAT 70 HP 0.16 HR \$1.15 \$2.73 \$0.33 \$5.63 PLANE (3X) DISC (2X) 0.57 HR 0.34 HR \$4.10 \$2.45 \$13.17 \$7.85 \$2.33 \$2.30 \$12.11 \$4.18 145 HP \$31.71 145 HP \$16.78 FLOAT (2X) 70 HP 0.32 HR \$2.30 \$5.46 \$0.67 \$2.82 \$11.25 DRILL (2X) 70 HP 0.42 HR \$3.02 \$7.16 \$1.31 \$10.17 \$21.67 IRRIGATE (6X) 1.50 HR \$10.88 \$131.84 \$85.97 \$0.00 \$35.00 SUBTOTAL 3.96 HR \$253.20 \$28.59 \$137.34 \$12.38 \$74.89 HARVEST OPERATIONS SWATHER (3X) 16 FT 0.33 HR 0.05 HR \$2.38 \$0.36 \$3.46 \$0.47 \$0.48 \$0.08 \$7.26 \$0.40 \$13.57 40 HP RAKE \$1.30 BALER (3X) 145 HP 0.75 HR \$5.40 \$17.32 \$3.14 \$8.11 \$33.97 BALEWAGON (3X) SP 0.60 HR \$4.32 \$11.63 \$13.39 \$4.52 \$33.86 \$82.71 SUBTOTAL 1.73 HR \$12.46 \$32.88 \$17.09 \$20.29 OVERHEAD EXPENSES DOWNTIME 0.00 HR \$0.00 \$0.00 EMPLOYEE BENEFITS \$7.39 \$7.39 INSURANCE \$0.01 \$0.01 SUPERVISION AND MANAGEMENT \$63.94 \$63.94 SUBTOTAL 0.00 HR \$0.01 \$71.33 \$71.34 TOTAL OPERATING EXPENSES 5.69 HR \$126.01 \$112.37 \$170.22 \$29.47 \$95.17 \$533.24 NET OPERATING PROFIT \$376.76 INTEREST ON EQUIPMENT INVESTMENT \$0.00 RETURN TO LAND AND RISK \$376.76 BUDGET SUMMARY GROSS RETURN \$910.00 VARIABLE OPERATING EXPENSES \$325.70 RETURN OVER VARIABLE EXPENSES FIXED EXPENSES \$584.30 (GROSS MARGIN) \$95.17 NET FARM INCOME (RETURN TO CAPITAL, LABOR, LAND & RISK) \$489.13 LABOR AND MANAGEMENT COST \$112.37 NET OPERATING PROFIT \$376.76 (RETURN TO CAPITAL, LAND & RISK) CAPITAL COSTS \$0.00 RETURN TO LAND AND RISK \$376.76

TABLE 7. Alfalfa hay, sprinkler-irrigated, budgeted per acre costs and returns for a 500 acre farm withabove average management, Artesia-Lake Arthur area, Projected 2009.

Harvesting Dates: May 5 - November 1 ITEM PRICE YIELD TOTAL GROSS RETURNS 6.50 TONS (STACKED) ALFALFA HAY \$140.00 \$910.00 GRAZING \$40.00 \$40.00 \$950.00 TOTAL PURCHASED INPUTS **FIXED** PURCHASED INPUTS PRICE QUANTITY TOTAL INSECTICIDE (CUSTOM) \$0.00 2 X/ACRE \$0.00 \$0.00 HERBICIDE (CUSTOM) INSECT SCOUTING \$0.00 \$5.25 1 X/ACRE 1 ACRE \$0.00 \$5.25 \$0.00 \$5.25 FERTILIZER (5-26-30) \$0.62 200 LBS \$124.00 \$124.00 WIRE \$3.55 \$8.26 56 LBS \$197.75 \$197.75 DRYING AGENT (AGRI-DRY) 1 /TON \$53.66 \$53.66 ESTABLISHMENT: Principal 5 YEARS \$75.35 \$75.35 : Interest \$0.00 \$0.00 PUMP WATER* 48 AC. IN. \$380.67 \$456.02 SUBTOTAL \$75.35 POWER UNIT ACCOMPLISHMENT PURCHASED RATE INPUTS FUEL & LUBE FIXED COST PREHARVEST OPERATIONS LABOR REPAIRS TOTAL IRRIGATE (6X) 1.50 HR \$98.25 \$40.00 \$149.12 \$10.88 \$0.00 SUBTOTAL 1.50 HR \$10.88 \$98.25 \$0.00 \$40.00 \$149.12 HARVEST OPERATIONS SWATHER (5X) 16 FT SP 0.55 HR \$3.96 \$5.77 \$0.80 \$12.10 \$22.62 RAKE (5X) BALER (5X) 40 HP 0.25 HR 1.25 HR \$1.80 \$9.00 \$2.34 \$21.31 \$0.38 \$2.87 \$2.00 \$6.33 \$6.52 \$39.51 96 HP BALE WAGON (5X) SP 1.00 HR \$7.20 \$19.38 \$22.32 \$7.53 \$56.43 SUBTOTAL 3.05 HR \$21.96 \$48.80 \$26.36 \$27.96 \$125.08 OVERHEAD EXPENSES DOWNTIME 0.00 HR \$0.00 \$5.91 \$0.00 EMPLOYEE BENEFITS \$5.91 **INSURANCE** \$0.01 \$0.01 LAND TAXES \$1.86 \$1.86 SUPERVISION AND MANAGEMENT \$66.70 \$66.70 OTHER EXPENSES \$49.72 \$49.72 SUBTOTAL 0.00 HR \$49.72 \$72.61 \$124.20 TOTAL OPERATING EXPENSES 4.55 HR \$430.39 \$105.45 \$147.04 \$26.36 \$854.42 NET OPERATING PROFIT \$95.58 INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT 0.00% \$221.16 @ \$0.00 \$0.00 \$95.58 RETURN TO LAND AND RISK * Pump water costs are shown under irrigation in the preharvest operations section. BUDGET SUMMARY

GROSS RETURN		\$950.00	
VARIABLE OPERATING EXPENSES	\$603.79		
RETURN OVER VARIABLE EXPENSES		\$346.21	(GROSS MARGIN)
FIXED EXPENSES	\$145.18		
NET FARM INCOME		\$201.03	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$105.45		
NET OPERATING PROFIT		\$95.58	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$0.00		
RETURN TO LAND AND RISK		\$95.58	

TABLE 8. Barley, sprinkler-irrigated, budgeted per acre costs and returns for a 500 acre farm with above average management, Artesia-Lake Arthur area, Projected 2009.
Planting dates: August 20 - September 30
Harvesting dates: June 15 - July 1

				That vooling dates: same i
TOTAL		YIELD	PRICE	ITEM
				GROSS RETURNS
\$210.00		35.00 CWT	\$6.00	BARLEY
\$0.00	0.85	35.00 CWT	\$0.00	DIRECT PAYMENT
\$0.00	0.85	35.00 CWT	\$0.00	COUNTER CYCLICAL PAYMENT
\$40.00			\$40.00	GRAZING
\$250.00				TOTAL

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED NITROGEN (N) INSECTICIDE (CUSTOM) PUMP WATER*	\$0.34 \$0.62 \$0.00	110 LBS 150 LBS 1 X/ACRE 28 AC. IN.	\$37.40 \$93.00 \$0.00					\$37.40 \$93.00 \$0.00
CROP INSURANCE SUBTOTAL	\$5.88		\$5.88 \$136.28				-	\$5.88 \$136.28
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
PLOW DISC (2X) FERTILIZE	145 HP 145 HP DEALER APPLIED	0.48 HR 0.34 HR		\$3.46 \$2.45	\$11.09 \$7.85	\$4.29 \$2.30	\$7.10 \$4.18	\$25.93 \$16.78
DRILL IRRIGATE (4X)	70 HP	0.21 HR 1.00 HR		\$1.51 \$7.25	\$3.58 \$57.31	\$0.66 \$0.00	\$5.08 \$23.33	\$10.83 \$87.90
SUBTOTAL		2.03 HR		\$14.67	\$79.83	\$7.24	\$39.70	\$141.44
HARVEST OPERATIONS								
COMBINE (CUSTOM) HAUL (CUSTOM)			\$17.91 \$7.00					\$17.91 \$7.00
SUBTOTAL			\$24.91					\$24.91
OVERHEAD EXPENSES								
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAG	EMENT	0.00 HR	\$0.00	\$0.00 \$2.64			\$1.86	\$0.00 \$2.64 \$0.00 \$1.86
OTHER EXPENSES	EMENI		\$49.72	\$17.61				\$17.61 \$49.72
SUBTOTAL		0.00 HR	\$49.72	\$20.25			\$1.86	\$71.82
TOTAL OPERATING EXPENSE	S	2.03 HR	\$210.91	\$34.91	\$79.83	\$7.24	\$41.56	\$374.45
NET OPERATING PROFIT								(\$124.45)
INTEREST ON OPERATING INTEREST ON EQUIPMENT		(\$91.99 @	0.00%)				\$0.00 \$0.00
RETURN TO LAND AND RISK								(\$124.45)

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

GROSS RETURN VARIABLE OPERATING EXPENSES RETURN OVER VARIABLE EXPENSES \$250.00 \$297.99 (\$47.99) (GROSS MARGIN) FIXED EXPENSES
NET FARM INCOME
LABOR AND MANAGEMENT COST \$41.56 (\$89.54) (RETURN TO CAPITAL, LABOR, LAND & RISK) \$34.91 (\$124.45) (RETURN TO CAPITAL, LAND & RISK) NET OPERATING PROFIT CAPITAL COSTS RETURN TO LAND AND RISK \$0.00 (\$124.45)

TABLE 9. Oat hay, sprinkler-irrigated, budgeted per acre costs and returns for a 500 acre farm with above average management, Artesia-Lake Arthur area, Projected 2009.

Planting dates: February 1 - February 28

Harvesting Dates: June 1 - June 30

ITEM	PRICE		YIELD						TOTAL
GROSS RETURNS OAT HAY	\$100.00		3.50 TONS (S	STACKED)					\$350.00
TOTAL								-	\$350.00
PURCHASED INPUTS	PRICE		QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED FERTILIZER (16-20-0) PUMP WATER*	\$0.38 \$0.58		100 LBS 150 LBS 28 AC. IN.	\$38.00 \$87.00					\$38.00 \$87.00
SUBTOTAL				\$125.00				-	\$125.00
PREHARVEST OPERATIONS	POWER UNIT	A	CCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
PLOW DISC (2X) DRILL IRRIGATE (4X)	145 HP 145 HP 70 HP		0.48 HR 0.34 HR 0.21 HR 1.00 HR		\$3.46 \$2.45 \$1.51 \$7.25	\$11.09 \$7.85 \$3.58 \$57.31	\$4.29 \$2.30 \$0.66 \$0.00	\$7.10 \$4.18 \$5.08 \$23.33	\$25.93 \$16.78 \$10.83 \$87.90
SUBTOTAL		_	2.03 HR		\$14.67	\$79.83	\$7.24	\$39.70	\$141.44
HARVEST OPERATIONS									
SWATHER BALER BALE WAGON	14 FT 145 HP S. P.		0.16 HR 0.25 HR 0.20 HR		\$1.15 \$1.80 \$1.44	\$1.68 \$5.77 \$3.88	\$0.23 \$1.05 \$4.46	\$3.52 \$2.70 \$1.51	\$6.58 \$11.32 \$11.29
SUBTOTAL		_	0.61 HR		\$4.39	\$11.33	\$5.74	\$7.73	\$29.19
OVERHEAD EXPENSES									
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES			0.00 HR	\$0.01	\$0.00 \$3.43			\$1.86	\$0.00 \$3.43 \$0.01 \$1.86
SUPERVISION AND MANAGEMEN OTHER EXPENSES	NT			\$49.72	\$24.62			*****	\$24.62 \$49.72
SUBTOTAL		_	0.00 HR	\$49.72	\$28.05			\$1.86	\$79.63
TOTAL OPERATING EXPENSES		_	2.64 HR	\$174.72	\$47.11	\$91.16	\$12.99	\$49.28	\$375.26
NET OPERATING PROFIT									(\$25.26
INTEREST ON OPERATING CAPI INTEREST ON EQUIPMENT INVE		(\$85.69 @	0.00%)				\$0.00 \$0.00
RETURN TO LAND AND RISK									(\$25.26

GROSS RETURN		\$350.00	
VARIABLE OPERATING EXPENSES	\$278.87		
RETURN OVER VARIABLE EXPENSES		\$71.13	(GROSS MARGIN)
FIXED EXPENSES	\$49.28		
NET FARM INCOME		\$21.85	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$47.11		
NET OPERATING PROFIT		(\$25.26)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$0.00		
RETURN TO LAND AND RISK		(\$25.26)	

TABLE 10. Upland cotton (picker), sprinkler-irrigated, budgeted per acre costs and returns for a 500 acre farm with above average management, Artesia-Lake Arthur area, Projected 2009.

Planting dates: April 15 - May 15
Harvesting dates: October 15 - January 15

Harvesting dates: October 15	- January 15							
ITEM	PRICE	YIELD	BASE					TOTA
GROSS RETURNS COTTON LINT COTTON SEED DIRECT PAYMENT	\$0.80 \$0.07 \$0.0000	700 LBS 1,120.00 LBS 700 LBS	0.85					\$560.0 \$78.4 \$0.0
COUNTER CYCLICAL PAYMENT	\$0.1373	700 LBS	0.85					\$81.6
TOTAL							-	\$720.0
NURSUA SER INDUES	PRIOF	OLIANITITY	PURCHASED				FIXED	TOT-
PURCHASED INPUTS	PRICE	QUANTITY	INPUTS				COST	TOTA
SEED FOLIAR FERTILIZER	\$1.86	15 LBS 1 X/ACRE	\$27.90					\$27.9
INSECT SCOUTING	\$4.80 \$5.25	1 ACRE	\$4.80 \$5.25					\$4.8 \$5.2
HERBICIDE (CUSTOM)	\$0.00	1 X/ACRE	\$0.00					\$0.0
INSECTICIDE (CUSTOM)	\$0.00	3 X/ACRE	\$0.00					\$0.0
CROP INSURANCE PUMP WATER*		28 AC. IN.	\$1.64					\$1.6
SUBTOTAL			\$39.59				-	\$39.5
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC	145 HP	0.17 HR		\$1.22	\$3.93	\$1.15	\$2.09	\$8.3
PLOW	145 HP	0.48 HR		\$3.46	\$11.09	\$4.29	\$7.10	\$25.9
DISC (2X)	145 HP	0.34 HR		\$2.45	\$7.85	\$2.30	\$4.18	\$16.7
FLOAT PRE-IRRIGATE	145 HP	0.16 HR 0.25 HR		\$1.15 \$1.81	\$3.70 \$14.33	\$0.64 \$0.00	\$1.70 \$5.83	\$7.1 \$21.9
CULTIVATOR	65 HP	0.21 HR		\$1.51	\$2.55	\$1.57	\$1.77	\$7.4
PLANTER	70 HP	0.26 HR		\$1.87	\$4.43	\$0.96	\$6.95	\$14.2
SLED	70 HP	0.15 HR		\$1.08	\$2.56	\$0.35	\$1.51	\$5.4
CULTIVATIR (3X) HAND HOE (CUSTOM)	65 HP	0.63 HR	\$20.00	\$4.54	\$7.66	\$4.72	\$5.32	\$22.2 \$20.0
IRRIGATE (3X)		0.75 HR	Ψ20.00	\$5.44	\$42.98	\$0.00	\$17.50	\$65.9
SUBTOTAL		3.40 HR	\$20.00	\$24.53	\$101.07	\$15.98	\$53.95	\$215.5
HARVEST OPERATIONS								
COTTON PICKER (2X)	2-ROW	0.74 HR		\$5.33	\$12.53	\$12.68	\$183.88	\$214.4
HAUL (2X)	65 HP	1.00 HR		\$7.20	\$12.16	\$1.32	\$6.68	\$27.3
GIN COTTON (CUSTOM)			\$104.30					\$104.3
SUBTOTAL		1.74 HR	\$104.30	\$12.53	\$24.69	\$14.00	\$190.56	\$346.0
POSTHARVEST OPERATIONS								
SHREDDER	70 HP	0.14 HR		\$1.01	\$2.39	\$0.35	\$3.54	\$7.2
SUBTOTAL		0.14 HR		\$1.01	\$2.39	\$0.35	\$3.54	\$7.2
VERHEAD EXPENSES								
DOWNTIME		0.00 HR		\$0.00				\$0.0
EMPLOYEE BENEFITS				\$6.85				\$6.
INSURANCE LAND TAXES			\$0.01				\$1.86	\$0.0 \$1.8
SUPERVISION AND MANAGEMENT				\$50.61			φ1.00	\$1.6 \$50.6
OTHER EXPENSES			\$49.72	φοσ.σ.				\$49.7
SUBTOTAL		0.00 HR	\$49.73	\$57.46			\$1.86	\$109.0
OTAL OPERATING EXPENSES		5.28 HR	\$213.62	\$95.52	\$128.15	\$30.33	\$249.91	\$717.5
IET OPERATING PROFIT								\$2.5
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	-	(\$52.97 @	0.00%)				\$0.0 \$0.0
RETURN TO LAND AND RISK								\$2.5
								ψ∠. ن

GROSS RETURN
VARIABLE OPERATING EXPENSES
RETURN OVER VARIABLE EXPENSES
FIXED EXPENSES \$720.09 \$372.10

\$348.00 (GROSS MARGIN) \$249.91

NET FARM INCOME \$98.09 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$95.52 aes NET OPERATING PROFIT CAPITAL COSTS RETURN TO LAND AND RISK \$2.57 (RETURN TO CAPITAL, LAND & RISK) \$0.00

\$2.57

TABLE 11. Upland cotton (stripper), sprinkler-irrigated, budgeted per acre costs and returns for a 500 acre farm with above average management, Artesia-Lake Arthur area, Projected 2009.

Planting dates: April 15 - May 15
Harvesting dates: October 15 - January 15

Harvesting dates: October 15	- January 15									
ITEM	PRICE		YIE	LD	BASE					TOTA
GROSS RETURNS COTTON LINT COTTON SEED DIRECT PAYMENT COUNTER CYCLICAL PAYMENT	\$0.76 \$0.07 \$0.0000 \$0.1373		700 1,120 700 700	LBS LBS	0.85 0.85					\$532.0 \$78.4 \$0.0 \$81.6
TOTAL									-	\$692.0
PURCHASED INPUTS	PRICE		QUA	YTITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED FOLIAR FERTILIZER INSECT SCOUTING HERBICIDE (CUSTOM) INSECTICIDE (CUSTOM) CROP INSURANCE PUMP WATER*	\$1.86 \$4.80 \$5.25 \$0.00 \$0.00		1 1 1 3	LBS X/ACRE ACRE X/ACRE X/ACRE FCIC AC. IN.	\$37.20 \$4.80 \$5.25 \$0.00 \$0.00 \$1.19				_	\$37.2 \$4.8 \$5.2 \$0.0 \$0.0 \$1.1
SUBTOTAL					\$48.44					\$48.44
PREHARVEST OPERATIONS	POWER UNIT			LISHMENT TE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTA
DISC PLOW DISC (2X) FLOAT PRE-IRRIGATE CULTIVATOR PLANTER SLED CULTIVATOR (3X) HAND HOE (CUSTOM) IRRIGATE (3X)	145 HP 145 HP 145 HP 145 HP 145 HP 65 HP 70 HP 70 HP 65 HP		0.17 0.48 0.34 0.16 0.25 0.21 0.26 0.15 0.63	HR HR HR HR HR HR HR HR	\$20.00	\$1.22 \$3.46 \$2.45 \$1.15 \$1.81 \$1.51 \$1.87 \$1.08 \$4.54	\$3.93 \$11.09 \$7.85 \$3.70 \$14.33 \$2.55 \$4.43 \$2.56 \$7.66	\$1.15 \$4.29 \$2.30 \$0.64 \$0.00 \$1.57 \$0.96 \$0.35 \$4.72	\$2.09 \$7.10 \$4.18 \$1.70 \$5.83 \$1.77 \$6.95 \$1.51 \$5.32	\$8.39 \$25.90 \$16.76 \$7.16 \$21.97 \$7.4' \$14.22 \$5.49 \$22.23 \$20.00 \$65.92
SUBTOTAL		-	3.40	HR	\$20.00	\$24.53	\$101.07	\$15.98	\$53.95	\$215.53
HARVEST OPERATIONS										
COTTON STRIPPER HAUL GIN COTTON (CUSTOM)	70 HP 65 HP		0.62 0.75		\$134.89	\$4.46 \$5.40	\$10.57 \$9.12	\$1.86 \$0.99	\$18.29 \$5.01	\$35.18 \$20.52 \$134.89
SUBTOTAL		_	1.37	HR	\$134.89	\$9.86	\$19.69	\$2.85	\$23.29	\$190.58
POSTHARVEST OPERATIONS										
SHREDDER	70 HP		0.14	HR		\$0.56	\$2.39	\$0.35	\$3.54	\$6.84
SUBTOTAL		-	0.14	HR		\$0.56	\$2.39	\$0.35	\$3.54	\$6.84
OVERHEAD EXPENSES										
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES			0.00	HR	\$0.01 \$49.72	\$0.00 \$6.29 \$48.62			\$1.86	\$0.00 \$6.29 \$0.01 \$1.86 \$48.62 \$49.72
SUBTOTAL		-	0.00	HR	\$49.73	\$54.91			\$1.86	\$106.49
TOTAL OPERATING EXPENSES		-	4.91	HR	\$253.06	\$89.86	\$123.15	\$19.17	\$82.65	\$567.88
NET OPERATING PROFIT										\$124.21
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	-	(\$56.04	@	0.00%)				\$0.00 \$0.00
RETURN TO LAND AND RISK										\$124.21

GROSS RETURN
VARIABLE OPERATING EXPENSES
RETURN OVER VARIABLE EXPENSES
FIXED EXPENSES \$692.09 \$395.38 \$296.72 (GROSS MARGIN) \$82.65 NET FARM INCOME
LABOR AND MANAGEMENT COST
NET OPERATING PROFIT
CAPITAL COSTS
RETURN TO LAND AND RISK \$214.07 (RETURN TO CAPITAL, LABOR, LAND & RISK) \$89.86 \$124.21 (RETURN TO CAPITAL, LAND & RISK)

\$0.00 \$124.21

TABLE 12. Summary of per acre costs and returns for a 500 acre farm with above average, Artesia-Lake Authur area, Projected 2009.

	ALFALFA ESTABLISHMENT	ALFALFA HAY	BARLEY	OAT HAY	PICKER COTTON	STRIPPER COTTON
	TONS	TONS	CWT	TONS	LBS	LBS
PRIMARY YIELD	6.50	6.50	35.00	3.50	700.00	700.00
PRIMARY PRICE	\$140.00	\$140.00	\$6.00	\$100.00	\$0.80	\$0.76
GOVERNMENT PAYMENTS	\$0.00	\$0.00	\$0.00	\$0.00	\$81.69	\$81.69
SECOND INCOME	\$0.00	\$40.00	\$40.00	\$0.00	\$78.40	\$78.40
GROSS RETURN	\$910.00	\$950.00	\$250.00	\$350.00	\$720.09	\$692.09
CASH OPERATING EXPENSES						
SEED	\$80.00		\$37.40	\$38.00	\$27.90	\$37.20
FERTILIZER	\$46.00	\$124.00	\$93.00	\$87.00	\$4.80	\$4.80
CHEMICALS	\$0.00	\$5.25	\$0.00		\$5.25	\$5.25
CROP INSURANCE			\$5.88		\$1.64	\$1.19
OTHER PURCHASED INPUTS		\$251.42				
CANAL WATER	#04.00	040.00	400 50	000.05	070.04	005.04
FUEL, OIL & LUBRICANTS-EQUIPMENT FUEL-IRRIGATION	\$84.26 \$85.97	\$48.80 \$98.25	\$22.52 \$57.31	\$33.85 \$57.31	\$70.84 \$57.31	\$65.84 \$57.31
REPAIRS	\$29.47	\$26.36	\$7.24	\$12.99	\$30.33	\$19.17
CUSTOM CHARGES	Ψ23.47	Ψ20.00	\$24.91	Ψ12.55	\$124.30	\$154.89
LAND TAXES		\$1.86	\$1.86	\$1.86	\$1.86	\$1.86
OTHER EXPENSES	\$0.01	\$49.72	\$49.72	\$49.72	\$49.73	\$49.73
TOTAL CASH EXPENSES	\$325.70	\$605.65	\$299.84	\$280.72	\$373.95	\$397.23
RETURN OVER CASH EXPENSES	\$584.30	\$344.35	(\$49.84)	\$69.28	\$346.14	\$294.86
FIXED EXPENSES	\$95.17	\$143.32	\$39.70	\$47.43	\$248.05	\$80.79
TOTAL EXPENSES	\$420.87	\$748.97	\$339.54	\$328.15	\$622.00	\$478.02
NET FARM INCOME	\$489.13	\$201.03	(\$89.54)	\$21.85	\$98.09	\$214.07
LABOR AND MANAGEMENT COSTS	\$112.37	\$105.45	\$34.91	\$47.11	\$95.52	\$89.86
NET OPERATING PROFIT	\$376.76	\$95.58	(\$124.45)	(\$25.26)	\$2.57	\$124.21
CAPITAL COSTS INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
TOTAL CAPITAL COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	••••	,	,	,	φυ.υυ	
RETURN TO LAND AND RISK	\$376.76	\$95.58	(\$124.45)	(\$25.26)	\$2.57	\$124.21
Fi 0				00.4=	0=0.00	

Flex Computation -84.75 22.17 250.62 205

TABLE 13. Whole farm summary, Artesia-Lake Arthur area, Projected 2009.

Projected 20	009.			
CDOCC DETUDNO				
GROSS RETURNS ALFALFA HAY	342 ACRES	¢222 620		
CROP	342 ACRES	\$322,620 \$11,400		
GRAZING		φ11, 4 00		
BARLEY	8.5 ACRES	\$1,785		
CROP	0.5 ACKES	\$1,783		
DIRECT PAYMENTS		\$0 \$0		
COUNTER CYCLICAL	DAVMENT	\$340		
GRAZING	FATIVILINI	φ3 4 0		
OAT HAY	8 ACRES	\$2,800		
CROP	0 ACILES	Ψ2,000		
PICKER COTTON	82 ACRES	\$45,920		
COTTON LINT	02 NONEO	\$6,429		
COTTON SEED		φο, 25 \$0		
DIRECT PAYMENTS		\$6,699		
COUNTER CYCLICAL	DAVMENT	ψ0,099		
STRIPPER COTTON	59.5 ACRES	\$31,654		
COTTON LINT	39.3 ACINES	\$4,665		
COTTON SEED		\$0 \$0		
DIRECT PAYMENTS		\$4,861		
COUNTER CYCLICAL	DAVMENT	Ψ+,001		
COUNTERCTCEICAE	TATMENT		-	\$439,172
GROSS RETURN				φ 4 39,172
ONOSS NETONIA				
CASH OPERATING EXP	DENGES	\$9,683		
SEED	LNOLO	\$40,128		
FERTILIZER		\$2,239		
CHEMICALS		\$150		
CROP INSURANCE		\$71,654		
OTHER PURCHASE	D INDLITS	\$0		
CANAL WATER	D 1141 013	\$28,898		
FUEL, OIL & LUBRIC	ANTS-EOLIIDMENT	\$41,956		
FUEL-IRRIGATION	ANTO-LOGII WENT	\$12,985		
REPAIRS		\$19,620		
CUSTOM CHARGES	•	\$823		
LAND TAXES	•	\$22,029		
OTHER EXPENSES		Ψ22,029		
OTTER EXPENSES		-	\$250,164	
TOTAL CAS	SH EXPENSES		\$250,104	
TOTAL CAS	STEXI ENGES			\$189,009
RETURN OVER CASH I	EVDENCES			\$ 109,009
RETURN OVER CASITI	LAFLINGES	\$50,659		
FIXED EXPENSES		φ50,059		
FIXED EXPENSES			\$300,823	
TOTAL EXP	DENGES		\$300,623	
TOTAL EXP	LINGLO			\$138,349
NET FARM INCOME				φ130,3 4 9
NET PARIVI INCOME		\$50,311		
LABOR AND MANAGEN	AENT COSTS	φου,ο ι ι		
LABOR AND MANAGEM	WENT COSTS			\$88,038
NET OPERATING PRO	EIT			φοο,υσο
NET OPERATING PROP	TH			
CAPITAL COSTS		\$0		
INTEREST ON OPER	DATING CADITAL	\$0 \$0		
	PMENT INVESTMENT	\$0		
INTEREST ON EQUI	I WILINI IINVESTIVIENT	-	\$0	
TOTAL CAR	PITAL COSTS		φυ	
TOTAL CAP	11AL 00313			
RETURN TO LAND AND	RISK			\$88,038
I O LAND AND			-	ψ00,000

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$1,000 /ACRE	\$88,038	9.68%
\$2,500 /ACRE	\$88,038	5.30%
\$4,000 /ACRE	\$88,038	3.65%
\$5,500 /ACRE	\$88,038	2.79%

^{*} 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