MICROCOMPUTER CROP COST AND RETURN GENERATOR

BUDGET AREA	DEMING AREA LUNA COUNT Projected 2018
FARM SIZE	640 ACRES
IRRIGATION TYPE	FLOOD
NUMBER OF CROPS	10
	VERSION 1.0

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* YOU MAY ENTER DATA IN ANY INPUT TABLE WITH HIGHLIGHTED CELLS OR YOU MAY STRIKE [ENTER] AND RETURN TO THE MENU

Flex Computation

-139.064872 -29.2037604 -107.2992999

DEPTH CHARACTERI	STICS:STATIC	14				VARIA	\BLE	
	DRAW DOWN TOTAL HEAD	0 ₆₀ 20 82	ANNUAL H QI JIRS	NUMBE	TOTAL	COSTS FUEL AND LUBRICANT	REPAIR	FUEL,LUBE PER HR
60	CASING	5	USE	R	VALUE			
30.3030303								
30.3030303			432.78	1	363	3237.231	476.75595	7.4
			5 87.08	1	2990	3800.20698	2990.59143	9. 8 917
			⁵ 511.0	1	8180	8 629.91553	² 4135.8254	12.97312
0.50 1			⁵ 32.1	1	9808	¹ 3266.978	⁴ 1296.6	⁵ 7.5
0.09			4 36	1	0 ₈₁₀	4 283	7 171	7987
8.09			348.	2	1240	2744.5437	1149.17	7 .87
8.10 2			⁵ 36	1	0 ₂₅₀	5	1 0	5
2			85.0	1	2 50		172.28	
6.95 CENTS/K	wHr		80.8	1	900		147.973	
3.43 \$/MCF			249.22	1	2 50		8 0	
0.94 \$/GAL			⁵ 13	1	9 50		14.8	
1.2 \$/GAL			33	1	0 ₇₅		22.27	
			236.4	1	300		5 ₃₉	
3.167434882			97.60	1	9 00		44.898	
2.389125744			274.5	1	4 00		³ 61	
			⁶ 8.1	1	0 ₇₅		6.07	
			81.6	1	295		107. 9 446	
2.989107716			2 2.2	1	2 15		³ 20.0001	
2.254617526			88.7	1	\$ 25		807.090	
			\$ 3.3	1	940		249.7865	
8.083001887			6 _{96.}	1	0 ₂₅		6 11.08	
6.096828701			348.	7	840		\$ 25.4	
			5 32		0		6	
6.435843187			14682.7712 2	9	200812. 5	46506.7217 4	1431.57019 4	3.16743488 2
4.854413497					394,82 3	69,02 0	15,10 4	

TABLE 2. Pumping costs and data for irrigation wells, Deming area,

Luna County, 1998.

INPUT DATA				
		DEPTH CH	RACTERISTICS:	
			STATIC	 1
			DRAW DOW	
			TOTAL HEAD	 2
			CASING	 2
GALLONS PER MINUTE (GPM)		600		
WORK HORSEPOWER		30.3030303		
EFFICIENCY Y FACTOR:				
ELECTRICITY		0.501		
NATURAL GAS		0.098		
LP GAS		0.098		
DIESEL		0.102		
FUEL COST PER UNIT:				
ELECTRICITY		6.95 CENTS/K	wHr	
NATURAL GAS		3.34 \$MCF		
LP GAS		0.85 \$/GAL		
DIESEL		1.15 \$IGAL		
FUEL PUMPING COSTS:				
ELECTRIC WELL:				
COST PER HOUR.	S	3.16743488	2	
COST PER ACRE I	INCH\$	2.38912574	4	
NATURAL GAS WELL:				
COST PER HOUR.	\$	2.911463	49	
COST PER ACRE I		2.19605221		

LP GAS WELL:		
	COST PER HOUR\$	7.311969791
	COST PER ACRE INCH\$	5.515256325
DIESEL WELL:		
	COST PER HOUR\$	6.168933054
	COST PER ACRE INCH\$	4.653089116

TABLE 2. Pumping costs and data for irrigation wells, Deming area, Luna County. 2002.

		DEPTH CHAR	ACTERISTICS:	
			STATIC	 140
			DRAW DOWN	60
			TOTAL HEAD.	 200
			CASING	 225
GALLONS PER MINUTE (GPM)	600			
WORK HORSEPOWER	30.3030303			
EFFICIENCY Y FACTOR:				
ELECTRICITY	0.501			
NATURAL GAS	0.098			
LP	0.098			
GAS	0.102			
DIESEL				
FUEL COST PER UNIT:				
ELECTRICITY	5.35	CENTS/K	wHr	
NATURAL GAS		\$/MCF		
LP		\$/GAL		
DIESEL	1.05	\$/GAL		
FUEL PUMPING COSTS:				
ELECTRIC WELL:				
COST PER HOUR\$		2.445147715		
COST PER ACRE INCH\$		1.844320585		
NATURAL GAS WELL:				
		3.040870533		
NATURAL GAS WELL:		3.040870533 2.293661068		
NATURAL GAS WELL: COST PER HOUR\$ COST PER ACRE INCH\$				
NATURAL GAS WELL: COST PER HOUR\$ COST PER ACRE INCH\$				
NATURAL GAS WELL: COST PER HOUR\$ COST PER ACRE INCH\$ LP GAS WELL:		2.293661068		
NATURAL GAS WELL: COST PER HOUR\$ COST PER ACRE INCH\$ LP GAS WELL: COST PER HOUR\$		2.293661068		
NATURAL GAS WELL COST FER HOUR		2.293661068		

TABLE 3. Equipment summary for a 640 acre, flood-irrigated farm with above average management, Deming area, Luna Courty, 2002.

EQUIPMENT				VARIAB COSTS	LE			COSTS	ED	
	ANNUAL									
ITEM & SIZE	HOURS OF USE	NUMBER	TOTAL VALUE	FUEL AND	REPAIR	FUEL,LUBE PER HR	REPAIR PER HR	DEPRE- CIATION	74.450	PERMUR
ITEM & SIZE	OF USE	NUMBER	VALUE	LUBRICANT	REPAIR	PER HR	PER HR	CIATION	TAXES	PERHOUR
TRACTOR 80 HP	432.785	1	3630	2589.78544	476.755956	5.984	1.1016	135	21.474	0.36155134
TRACTOR 140 HP	387.085	1	23990	3040.16559	2474.556988	7.854	6.3928	2096	208.3773333	5.95315585
TRACTOR 185 HP	511.05	1	57215	5303.932425	6893.0424	10.3785	13.488	5994.666667	357.5818667	12.4297985
COTTON PICKER 2 ROW	432.14	1	16310	2613.58272	1210.192	6.048	2.800462813	5960	355.514	14.6145091
PICKUP 3/4 TON	360	1	11000	2268	1719	6.3	4.775	2200	87.48666667	2.54165185
PICKUP HALF TON	348.5	2	18000	2195.55	0	6.3	0	3600	143.16	4.296309
GOOSENECK TRAILER	360	1	2500		0		0	333.3333333	19.88333333	0.98115740
SHREDDER 4 ROW	85.08	1	2500		185.049		2.175	333.3333333	19.88333333	4.15158282
ROLLING CULT 6 ROW	80.86	1	3000		147.9738		1.83	400	23.86	5.2418995
CULTIVATOR 6 ROW	245.225	1	2500		0		0	333.3333333	19.88333333	1.44037788
VEG PLANTER 4 ROW	13	1	1500		14.82		1.14	300	11.93	23.9946153
SIDEDRESSER	33	1	750		31.185		0.945	100	5.965	3.21106060
DISC 14 FT.	236.49	1	3000		392		1.657575373	400	23.86	1.79229565
ROTO BUCK	97.605	1	1000		49.77855		0.51	133.3333333	7.953333333	1.44753513
PLOW 4-14	274.56	1	4000		618		2.250874126	533.3333333	31.81333333	2.05837218
ONION KNIVES	8.1	1	750		6.075		0.75	100	5.965	13.0820987
LISTER 6 ROW	81.62	1	2150		107.04463		1.3115	286.6666667	17.09966667	3.72171444
DRILL 13 FT	12.24	1	2150		20.00016		1.634	430	17.09966667	36.5277505
PLANTER 6 ROW	88.74	1	4250		856.11915		9.6475	850	33.80166667	9.9594508
SPRAYER 16 FT	73.36	1	1400		233.13808		3.178	186.6666667	11.13466667	2.69631043
DRAG 8-24 FT.	96.4	1	250		12.291		0.1275	33.33333333	1.988333333	0.36640733
COTTON TRAILER 8 BALE	348.5	7	8400		133.824		0.384	1120	66.808	3.40547489
FERT SPREADER DLR FURN	32									
ELECTRIC WELL	14682.77122	9	200812.5	35901.54451	1431.570194	2.445147715	0.0975	16065	1597.12875	1.20291520

TABLE 1. Acreage Summary, Luna County, Projected 2018

BUDGET AREA	DEMING AREA, LUNA COUNTY
FARM SIZE	.640 ACRES ACRES
IRRIGATION TYPE	.FLOOD
NUMBER OF CROPS	. 10

		WATER	USE
ACREAGE SUMMARY:	LAND USE (ACRES)	AC.IN. PER AC.	TOTAL AC.IN.
WHEAT	68.00	20	1.360
ARP	0.00		.,
FLEX IN COTTON	12.00	26	312
GRAIN SORGHUM	93.50	30	2,805
ARP	0.00		
FLEX IN COTTON	16.50	26	429
COTTON	272.00	26	7,072
ARP	0.00		
FLEX IN COTTON	48.00	26	1,248
GREEN CHILE	40.00	54	2,160
RED CHILE	40.00	48	1,920
FALL ONIONS	10.00	56	560
MIDSEASON YELLOW	10.00	48	480
LATE SEASON ONIONS	10.00	48	480
SPRING LETTUCE	10.00	24	240
FALL LETTUCE	10.00 *	40	400
ROADS, DITCHES,			
HOMESTEAD	10.00		
TOTAL	640.00		19,466
ACRE FEET P	ER ACRE OF WATER	RIGHTS	2.53

*DOUBLE-CROPPED

TABLE 2. Basic cost information for the Deming area, Projected 2018

Item

Item				
Labor Wage Rate:		\$/hour		\$7.50
Purchased Inputs:				
Fertilizer:				
Nitrogen (N)		\$/pound		\$0.31
Phosphate (P205)		\$/pound		\$0.24
Anhydrous Ammonia (NH	13)	\$/ton		\$420.00
Seed:				
Wheat		\$/pound		\$0.44
Chile				
green		\$/pound		\$16.00
red		\$/pound		\$16.00
Grain Sorghum		\$/pound		\$1.32
Cotton		\$/pound		\$7.55
Lettuce				
spring		\$/pound		\$756.00
fall		\$/pound		\$784.00
Energy:		\$/MCF		
Natural gas (Gas Co. of NM) Diesel fuel		• •		\$4.01 \$2.70
Gasoline		\$/gallon \$/gallon		\$2.70
Electricity (Columbus)		\$/gallon cents/KwHi		\$2.40 7.45
LP Gas		\$/gallon		\$2.85
LF Gas		⊕/gall0fl		ą2.00
Employee Liability Insurance		\$/\$1,000 w	ages	\$20.00
Employee Benefits		percent/wa	ges	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		5.50%
Real Interest Rate		percent		3.00%
Roar moroer reals		porcont		0.0070
Land Taxes	\$223.00	/acre (full v	alue)	\$1.88
Personal Property Tax Rate	- NR	\$/\$1,000	(Assessed	\$25.30
	- R		Value)	\$22.11
Supervision Factors				
Field Crop-Irrigation		\$/labor hou	ır	\$1.00
Field Crop-Equipment & General		\$/labor hou		\$0.50
Vegetable Crop-Irrigation		\$/labor hou		\$2.90
Vegetable Crop-Equip. & General		\$/labor hou		\$1.00
Management Rate				
Field Crops		percent/GF	2	7.00%
Vegetable Crops		percent/TC		10.00%
		20.001010	-	

TABLE 3. Overhead cost information for Deming area, Projected 2018

Electricity (Domestic &	Shop)		\$254.00	per month	\$3,048
Telephone			\$165.10	per month	\$1,981
Accounting & Legal					\$17,755
Misc. Supplies & Hand	Tools				\$2,788
Pickup and Auto					
miles	26,162	@	\$0.500 per mile		\$13,081
nsurance - general liability (non - fire/theft Property Taxes - non-planted land	,				\$1,949 \$1,543 \$0
- other than land & ma					\$6,010
Building repairs and ma Dues, fees, publication					\$1,480 \$432
Farmstead Equipment	5				\$197
				Total	\$50,263
			Total Per Planted Acre	-	\$78.54

	DEPTH CHARACTERISTICS: STATIC
GALLONS PER MINUTE (GPM) WORK HORSEPOWER	600 30
EFFICIENC' Y FACTOR: ELECTRICITY NATURAL GAS LP GAS DIESEL	0.501 0.098 0.098 0.102
FUEL COST PER UNIT: ELECTRICITY NATURAL GAS LP GAS DIESEL	7.45 CENTS/KwHr \$4.01 \$/MCF \$2.85 \$/GAL \$2.70 \$/GAL
FUEL PUMPING COSTS:	
ELECTRIC WELL: COST PER HOUR COST PER ACRE INCH	\$3.39 \$2.56
NATURAL GAS WELL: COST PER HOUR COST PER ACRE INCH	\$3.49 \$2.63
LP GAS WELL: COST PER HOUR COST PER ACRE INCH	\$24.45 \$18.44
DIESEL WELL: COST PER HOUR COST PER ACRE INCH	\$14.44 \$10.89

 TABLE 4.
 Pumping costs and data for irrigation wells, Deming area, Luna County, Projected 2018

INPUT DATA

TABLE 6. Wheat, flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County,

Planting dates: January 1 - Febru Harvest dates: June 15 - July 15										
ITEM	PRICE		YIEL	.D						ΤΟΤΑ
GROSS RETURNS										
WHEAT	\$4.40			CWT						\$220.00
	\$0.00		50	CWT						\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00									\$0.00
TOTAL									-	\$220.00
SED					PURCHASED				FIXED	
INPUTS	PRICE		QUAN	TITY	INPUTS				COST	TOTA
SEED	\$0.44		100	LBS	\$44.00					\$44.00
ANHYDROUS AMMONIA (NH3)	\$0.21			LBS	\$52.50					\$52.50
NITROGEN (N)	\$0.31		30	LBS	\$9.30					\$9.30
PHOSPHATE (P2O5)	\$0.24		80	LBS	\$19.20					\$19.20
PUMP WATER*			20	ACRE IN						
CROP INSURANCE	\$0.74				\$0.74					\$0.74
SUBTOTAL					\$125.74				-	\$125.74
EST	POWER		ACCOMPLI	CUMENT	PURCHASED		FUEL &		EIVED	
OPERATI	UNIT		RAT		INPUTS	LABOR	LUBE	REPAIRS	COST	ΤΟΤΑ
DISC (2X)	185 HP		0.28	нр		\$2.10	\$6.96	\$2.05	\$4.16	\$15.27
LISTER	140 HP		0.28			\$0.90	\$2.25	\$0.84		\$6.03
FERTILIZE	140 HP		0.05			\$0.38	\$0.94	\$0.22		\$2.19
DRILL	140 HP		0.18			\$1.35	\$3.38	\$0.97		\$14.68
IRRIGATE (4X)				HR		\$15.00	\$51.19	\$1.47	\$18.25	\$85.90
SUBTOTAL			2.63	HR		\$19.73	\$64.71	\$5.55	\$34.10	\$124.08
HARVEST OPERATIONS										
COMBINE (CUSTOM) HAUL (CUSTOM)					\$26.00 \$9.50					\$26.00 \$9.50
SUBTOTAL		-	0.00	HR	\$35.50	\$0.00	\$0.00	\$0.00	\$0.00	\$35.50
OVERHEAD EXPENSES										
DOWNTIME			0.1575	HR		\$1.18				\$1.18
EMPLOYEE BENEFITS						\$3.55				\$3.55
INSURANCE					\$0.39					\$0.39
LAND TAXES									\$1.88	\$1.88
SUPERVISION AND MANAGEMENT						\$17.72				\$17.72
OTHER EXPENSES					\$78.54					\$78.54
SUBTOTAL		-	0.16	HR	\$78.93	\$22.45			\$1.88	\$103.26
TOTAL OPERATING EXPENSES		•	2.79	HR	\$240.17	\$42.17	\$64.71	\$5.55	\$35.98	\$388.57
NET OPERATING PROFIT										(\$168.57
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT		(\$83.39	@	5.50%)				\$4.59 \$6.59
RETURN TO LAND AND RISK									FIXED RS COST 1.05 \$4.16 1.84 \$2.04 1.22 \$0.66 1.97 \$8.98 1.47 \$18.25 1.55 \$34.10 1.00 \$0.00 \$1.88 \$1.88	(\$179.75
* Pump water costs are shown under irrigation	in the preharv		ns section. SUMMARY							
GROSS RETURN			\$220.00							
VARIABLE OPERATING EXPENSES		\$310.43								
			(000 42)							

GROSS RETURN VARIABLE OPERATING EXPENSES	\$310.43	\$220.00	
RETURN OVER VARIABLE EXPENSES	••••	(\$90.43)	(GROSS MARGIN)
FIXED EXPENSES NET FARM INCOME	\$35.98	(\$126.40)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$42.17	(\$400.57)	
NET OPERATING PROFIT CAPITAL COSTS	\$11.18	(\$168.57)	(RETURN TO CAPITAL, LAND & RISK)
RETURN TO LAND AND RISK		(\$179.75)	

TABLE 7. Grain sorghum, flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County,

Projected 2018 Planting dates: May 10 - July 10 Harvest dates: October 15 - Nove	mber 15									
ITEM	PRICE		YIELD							TOTAL
GROSS RETURNS	* C 00		70.00 014	wт						¢ 405 50
GRAIN SORGHUM DIRECT PAYMENT	\$6.08 \$0.00		70.00 CW 70.00 CW							\$425.50 \$0.00
COUNTER CYCLICAL PAYMENT	\$0.00		0.00 CW							\$0.00
	φ0.00		0.00 01	• •					_	
TOTAL										\$425.50
SED					PURCHASED				FIXED	
INPUTS	PRICE		QUANTITY		INPUTS				COST	TOTAL
SEED	\$1.32		8 LB	s	\$10.56					\$10.56
ANHYDROUS AMMONIA (NH3)	\$0.21		200 LB		\$42.00					\$42.00
NITROGEN (N)	\$0.31		30 LB	S	\$9.30					\$9.30
PHOSPHATE (P2O5)	\$0.24		70 LB	S	\$16.80					\$16.80
HERBICIDE	\$15.54		1 AC	RE	\$15.54					\$15.54
INSECTICIDE (AERIAL)	\$18.95		1 AC	RE	\$18.95					\$18.95
INSECTICIDE	\$11.16		1 DO	DLLARS	\$11.16					\$11.16
PUMP WATER*			30 AC	. IN.						
CROP INSURANCE	\$0.53			-	\$0.53				_	\$0.53
SUBTOTAL					\$124.85					\$124.85
EST	POWER		ACCOMPLISH		PURCHASED		FUEL &		FIXED	
OPERATI	UNIT		RATE		INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	185 HP		0.14 HR	ł		\$1.05	\$3.48	\$1.02	\$2.08	\$7.64
PLOW	185 HP		0.48 HR			\$3.60	\$11.93	\$3.80	\$7.27	\$26.60
DISC	185 HP		0.14 HR			\$1.05	\$3.48	\$1.02	\$2.08	\$7.64
DRAG	80 HP		0.2 HR			\$1.50	\$2.92	\$0.19	\$0.29	\$4.90
LISTER & SPRAY	140 HP		0.13 HR			\$0.98	\$2.44	\$1.00	\$2.56	\$6.98
FERTILIZE	140 HP		0.05 HR	2		\$0.38	\$0.94	\$0.22	\$0.66	\$2.19
PRE-IRRIGATE			0.75 HR			\$5.63	\$12.80	\$0.37	\$4.56	\$23.35
ROLLING CULT	80 HP		0.13 HR	2		\$0.98	\$1.90	\$0.61	\$0.82	\$4.30
PLANTER	140 HP		0.17 HR	R		\$1.28	\$3.19	\$1.09	\$3.95	\$9.50
CULTIVATOR (2X)	80 HP		0.26 HR	2		\$1.95	\$3.80	\$1.05	\$0.65	\$7.45
ROTO BUCK (6X)	140 HP		0.18 HR	2		\$1.35	\$3.38	\$0.79	\$2.65	\$8.17
IRRIGATE (5X)			2.5 HR	R		\$18.75	\$63.98	\$1.84	\$22.81	\$107.38
SUBTOTAL			5.13 HR	R		\$38.48	\$114.24	\$12.99	\$50.39	\$216.10
HARVEST OPERATIONS										
COMBINE (CUSTOM)					\$15.00					\$15.00
HAUL (CUSTOM)					\$13.30					\$13.30
SUBTOTAL			0.00 HR	2	\$28.30	\$0.00	\$0.00	\$0.00	\$0.00	\$28.30
POST HARVEST OPERATIONS										
SHREDDER	126 HP		0.14 HR	ł		\$1.05	\$2.63	\$0.67	\$2.44	\$6.78
OVERHEAD EXPENSES										
DOWNTIME			0.505 HR	2		\$3.79				\$3.79
EMPLOYEE BENEFITS			0.000 111	-		\$7.11				\$7.11
INSURANCE					\$0.79	<i>ψ</i> 1				\$0.79
LAND TAXES					÷				\$1.88	\$1.88
SUPERVISION AND MANAGEMENT						\$34.05				\$34.05
OTHER EXPENSES					\$78.54					\$78.54
SUBTOTAL		_	0.51 HR	2	\$79.33	\$44.95			\$1.88	\$126.15
TOTAL OPERATING EXPENSES			5.78 HR	2	\$232.47	\$84.47	\$116.86	\$13.66	\$54.72	\$502.18
NET OPERATING PROFIT										(\$76.68)
INTEREST ON OPERATING CAPITAL		(\$97.41 @	2	5.50%)				\$5.36
INTEREST ON EQUIPMENT INVESTMENT						-				\$11.91
RETURN TO LAND AND RISK										(\$93.95)

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

\$362.99	\$425.50	
••••	\$62.51	(GROSS MARGIN)
\$54.72		,
	\$7.79	(RETURN TO CAPITAL, LABOR, LAND & RISK)
\$84.47		
	(\$76.68)	(RETURN TO CAPITAL, LAND & RISK)
\$17.27		
	(\$93.95)	
	\$84.47	\$54.72 \$7.79 \$84.47 (\$76.68) \$17.27

TABLE 8. Upland cotton (picker), flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County, Projected 2018

ITEM	PRICE	YIELD)						TOTA
GROSS RETURNS	¢0.75	750 L	DC						\$560 E
SEED	\$0.75 \$0.10	1200 L							\$562.50 \$117.00
DIRECT PAYMENT	\$0.00	1080 L							\$0.00
COUNTER CYCLICAL PAYMENT	\$0.09	0 L	BS						\$0.00
TOTAL								-	\$679.50
D	DDIOE	OUANT		URCHASED				FIXED	TOTA
NPUTS	PRICE	QUANTI	ΙΥ	INPUTS				COST	TOTA
SEED	\$7.55	18 L		\$135.90					\$135.90
ANHYDROUS AMMONIA (NH3) NITROGEN (N)	\$0.21	150 L 30 L		\$31.50					\$31.50
PHOSPHATE (P2O5)	\$0.31 \$0.24	30 L 80 L		\$9.30 \$19.20					\$9.30 \$19.20
HERBICIDE	\$15.54		ACRE	\$15.54					\$15.54
INSECTICIDE	\$11.16		ACRE	\$11.16					\$11.16
CROP INSURANCE	\$0.18		CIC	\$0.18					\$0.18
PUMP WATER*		26 A	AC. IN.						
SUBTOTAL			_	\$222.78				-	\$222.78
ST	POWER	ACCOMPLIS	HMENT P	URCHASED		FUEL &		FIXED	
PERATI	UNIT	RATE		INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC (2X)	185 HP	0.28 ⊢	HR		\$2.10	\$6.96	\$2.05	\$4.16	\$15.27
PLOW	185 HP	0.48 +	IR		\$3.60	\$11.93	\$3.80	\$7.27	\$26.60
DISC	185 HP	0.14 H			\$1.05	\$3.48	\$1.02	\$2.08	\$7.64
DRAG (2X)	80 HP	0.2 H			\$1.50	\$2.92	\$0.19	\$0.29	\$4.90
LISTER & SPRAY	140 HP	0.13 H			\$0.98	\$2.44	\$1.00	\$2.56	\$6.98
FERTILIZE	140 HP	0.05 H			\$0.38	\$0.94	\$0.22	\$0.66	\$2.19
PRE-IRRIGATE ROLLING CULT	80 HP	0.75 H 0.13 H			\$5.63 \$0.98	\$13.31 \$1.90	\$0.38 \$0.61	\$4.74 \$0.82	\$24.06 \$4.30
PLANTER	140 HP	0.13 F			\$0.98 \$1.28	\$3.19	\$1.09	\$3.95	\$9.50
CULTIVATOR (3X)	80 HP	0.39 +			\$2.93	\$5.70	\$1.58	\$0.98	\$11.18
HAND HOE (CUSTOM) (2X)				\$50.00	+=				\$50.00
ROTO BUCK (5X)	140 HP	0.15 H	-IR		\$1.13	\$2.81	\$0.66	\$2.21	\$6.81
IRRIGATE (4X)		2 H	HR		\$15.00	\$53.24	\$1.53	\$18.98	\$88.74
SUBTOTAL		4.87 ⊢	IR	\$50.00	\$36.53	\$108.82	\$14.12	\$48.71	\$258.17
ARVEST OPERATIONS									
COTTON PICKER (2X)	2 ROW	1.24 H	-IR		\$9.30	\$18.00	\$0.04	\$36.37	\$63.70
COTTON TRAILER (2X)	HALF TON	1 -			\$7.50	\$15.12	\$0.81	\$10.52	\$33.95
GIN COTTON (CUSTOM)				\$139.20				•••••	\$139.20
SUBTOTAL		2.24 H	HR	\$139.20	\$16.80	\$33.12	\$0.84	\$46.89	\$236.85
POST HARVEST OPERATIONS									
SHREDDER	126 HP	0.14 H	HR		\$1.05	\$2.63	\$0.67	\$2.44	\$6.78
OVERHEAD EXPENSES					•				
					·				
		1.0325 H	чК		\$7.74 © 70				\$7.74
EMPLOYEE BENEFITS INSURANCE				\$1.09	\$9.79				\$9.79 \$1.09
LAND TAXES				\$1.09				\$1.88	\$1.08 \$1.88
SUPERVISION AND MANAGEMENT	т				\$52.57			ψ1.00	\$52.57
OTHER EXPENSES				\$78.54					\$78.54
SUBTOTAL		1.03 H	HR	\$79.62	\$70.10			\$1.88	\$151.60
OTAL OPERATING EXPENSES		8.28 ⊢	HR	\$491.60	\$124.47	\$144.56	\$15.62	\$99.92	\$876.18
ET OPERATING PROFIT									(\$196.68
INTEREST ON OPERATING CAPITA		(\$157.38	@	5.50%)				\$8.66 \$22.74
RETURN TO LAND AND RISK									(\$228.08

GROSS RETURN VARIABLE OPERATING EXPENSES	\$651.79	\$679.50	
RETURN OVER VARIABLE EXPENSES	\$051.79	\$27.71	(GROSS MARGIN)
FIXED EXPENSES	\$99.92		
NET FARM INCOME		(\$72.21)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$124.47		
NET OPERATING PROFIT		(\$196.68)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$31.39		
RETURN TO LAND AND RISK		(\$228.08)	

TABLE 9. Green chile, flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County, Projected 2018

ITEM	PRICE	YIEL	D						TOTA
ROSS RETURNS GREEN CHILE	\$475.00	11.00	TONS						\$5,225.0
RED CHILE	\$0.00	0.00	LBS						\$0.0
TOTAL									\$5,225.0
5									
D NPUTS	PRICE	QUAN	TITY	PURCHASED INPUTS				FIXED COST	TOTA
SEED	\$16.00	4	LBS	\$64.00					\$64.0
ANHYDROUS AMMONIA (NH3)	\$0.21		LBS	\$63.00					\$63.0
NITROGEN (N)	\$0.31		LBS	\$18.60					\$18.6
PHOSPHATE (P2O5)	\$0.24		LBS	\$36.00					\$36.0
HERBICIDE INSECTICIDE	\$15.54 \$15.54	1	ACRE ACRE	\$15.54 \$15.54					\$15.5 \$15.5
CROP INSURANCE	\$72.58	1							\$72.5
PUMP WATER*	¢12.00		AC. IN.	¢. 2.00					¢. 2.0
SUBTOTAL				\$285.25					\$285.2
ST	POWER	ACCOMPLI	SHMENT	PURCHASED		FUEL &		FIXED	
PERATI	UNIT	RAT	ΓE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOT
DISC	185 HP	0.14			\$1.05	\$3.48	\$1.02	\$2.08	\$7.6
PLOW	185 HP	0.48			\$3.60	\$11.93	\$3.80	\$7.27	\$26.6
DISC	185 HP	0.14	HR	¢70.00	\$1.05	\$3.48	\$1.02	\$2.08	\$7.6
LASER (CUSTOM) LISTER & SPRAY	140 HP	0.13	HR	\$73.33	\$0.98	\$2.44	\$1.00	\$2.56	\$73.3 \$6.9
FERTILIZE	140 HP	0.05			\$0.38	\$0.94	\$0.22	\$0.66	\$2.1
PRE-IRRIGATE		0.75			\$5.63	\$9.21	\$0.26	\$3.28	\$18.3
ROLLING CULT	80 HP	0.13			\$0.98	\$1.90	\$0.61	\$0.82	\$4.3
PLANTER	140 HP	0.17			\$1.28	\$3.19	\$1.09	\$3.95	\$9.5
CULTIVATOR (5X) THIN & HOE (CUSTOM)	80 HP	0.65	нк	\$90.00	\$4.88	\$9.50	\$2.63	\$1.63	\$18.6 \$90.0
ROTO BUCK (7X)	140 HP	0.21	HR	\$90.00	\$1.58	\$3.94	\$0.92	\$3.09	\$90.0 \$9.5
IRRIGATE (14X)			HR		\$52.50	\$128.99	\$3.71	\$45.98	\$231.1
SUBTOTAL		9.85	HR	\$163.33	\$73.88	\$179.00	\$16.27	\$73.42	\$505.9
ARVEST OPERATIONS									
HARVEST GREEN (CUSTOM)				\$1,089.00					\$1,089.0
HARVEST RED (CUSTOM)				\$0.00					\$0.0
HAUL	3/4 TON	6	HR		\$45.00	\$90.72	\$28.65	\$36.48	\$200.8
SUBTOTAL		6.00	HR	\$1,089.00	\$45.00	\$90.72	\$28.65	\$36.48	\$1,289.8
OST HARVEST OPERATIONS									
	00.115				*• • • •		0 4 05	* 1 00	
SHREDDER	80 HP	0.29			\$2.18	\$4.24	\$1.35	\$1.83	\$9.6
SUBTOTAL		0.29	HR	\$0.00	\$2.18	\$4.24	\$1.35	\$1.83	\$9.6
VERHEAD EXPENSES									
DOWNTIME		0.565	HR		\$4.24				\$4.2
EMPLOYEE BENEFITS				¢4.50	\$13.69				\$13.6
INSURANCE LAND TAXES				\$1.52				\$1.88	\$1.5 \$1.8
SUPERVISION AND MANAGEMENT					\$119.09			ψ1.00	\$119.0
OTHER EXPENSES				\$78.54					\$78.5
SUBTOTAL		0.57	HR	\$80.06	\$137.02			\$1.88	\$218.9
OTAL OPERATING EXPENSES		16.71	HR	\$1,617.64	\$258.07	\$273.96	\$46.28	\$113.61	\$2,309.5
ET OPERATING PROFIT									\$2,915.4
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM		(\$292.61	@	5.50%)				\$16.0 \$35.9
ETURN TO LAND AND RISK									\$2,863.3

 GROSS RETURN
 \$5,225.00

 VARIABLE OPERATING EXPENSES
 \$1,937.88

 RETURN OVER VARIABLE EXPENSES
 \$3,287.12

 FIXED EXPENSES
 \$113.61

 NET FARM INCOME
 \$3,173.51

 LABOR AND MANAGEMENT COST
 \$28.07

 NET OPERATING PROFIT
 \$2,915.44

 CAPITAL COSTS
 \$52.05

 RETURN TO LAND AND RISK
 \$2,863.39

TABLE 10. Red chile, flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County, Projected 2018

GROSS RETURNS RED CHILE TOTAL	\$0.00								
TOTAL	\$0.60		4,000.00 LBS						\$2,400.00
									\$2,400.00
PURCHAS	55105			PURCHASED				FIXED	
ED INPUTS	PRICE		QUANTITY	INPUTS				COST	TOTA
SEED	\$16.00		4 LBS	\$64.00					\$64.0
ANHYDROUS AMMONIA (NH3)	\$0.21		230 LBS	\$48.30					\$48.3
NITROGEN (N) PHOSPHATE (P2O5)	\$0.31 \$0.24		60 LBS 150 LBS	\$18.60 \$36.00					\$18.6 \$36.0
HERBICIDE	\$15.54		1 ACRE	\$15.54					\$15.5
INSECTICIDE	\$15.54		1 ACRE	\$15.54					\$15.5
CROP INSURANCE	\$76.22		1 DOLLAF	\$76.22					\$76.2
PUMP WATER*			48 AC. IN.						
SUBTOTAL				\$274.20					\$274.2
ST	POWER		ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
DPERATIO	UNIT		RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOT
DISC	185 HP		0.14 HR		\$1.05	\$3.48	\$1.02	\$2.08	\$7.6
PLOW	185 HP		0.48 HR		\$3.60	\$11.93	\$3.80	\$7.27	\$26.6
DISC	185 HP		0.14 HR		\$1.05	\$3.48	\$1.02	\$2.08	\$7.6
DRAG (2X) LISTER	80 HP 140 HP		0.2 HR 0.12 HR		\$1.50 \$0.90	\$2.92 \$2.25	\$0.19 \$0.84	\$0.07 \$2.04	\$4.6 \$6.0
FERTILIZE	140 HP		0.05 HR		\$0.90 \$0.38	\$2.25 \$0.94	\$0.84 \$0.22	\$2.04 \$0.66	\$0.0 \$2.1
PRE-IRRIGATE	140111		0.75 HR		\$5.63	\$10.24	\$0.29	\$3.65	\$19.8
ROLLING CULT	80 HP		0.13 HR		\$0.98	\$1.90	\$0.61	\$0.82	\$4.3
PLANTER	140 HP		0.17 HR		\$1.28	\$3.19	\$1.09	\$3.95	\$9.5
CULTIVATOR (5X)	80 HP		0.65 HR		\$4.88	\$9.50	\$2.63	\$1.63	\$18.6
THIN & HOE (CUSTOM)	140 HP		0.21 HR	\$90.00	\$1.58	\$3.94	\$0.92	\$3.09	\$90.0
ROTO BUCK (7X) IRRIGATE (11X)	140 ПР		5.5 HR		\$1.58	\$3.94 \$112.61	\$0.92 \$3.24	\$3.09 \$40.14	9.5\$ \$197.2
SUBTOTAL		_	8.54 HR	\$90.00	\$64.05	\$166.38	\$15.87	\$67.50	\$403.8
HARVEST OPERATIONS									
HARVEST (CUSTOM)				\$880.00					\$880.0
HAUL	3/4 TON		3 HR	φ000.00	\$22.50	\$45.36	\$14.33	\$18.24	\$100.4
SUBTOTAL		-	3.00 HR	\$880.00	\$22.50	\$45.36	\$14.33	\$18.24	\$980.4
POST HARVEST OPERATIONS									
SHREDDER	80 HP		0.29 HR		\$2.18	\$4.24	\$1.02	\$1.62	\$9.0
SUBTOTAL		-	0.29 HR	\$0.00	\$2.18	\$4.24	\$1.02	\$1.62	\$9.0
OVERHEAD EXPENSES									
DOWNTIME			1.395 HR		\$10.46				\$10.4
EMPLOYEE BENEFITS					\$15.58				\$15.5
INSURANCE				\$1.73					\$1.7
LAND TAXES								\$1.88	\$1.8
SUPERVISION AND MANAGEMENT OTHER EXPENSES				\$78.54	\$98.46				\$98.4 \$78.5
SUBTOTAL		_	1.40 HR	\$80.27	\$124.50			\$1.88	\$206.6
TOTAL OPERATING EXPENSES		-	13.23 HR	\$1,324.47	\$213.23	\$215.98	\$31.21	\$89.24	\$1,874.1
NET OPERATING PROFIT									\$525.8
INTEREST ON OPERATING CAPITAL		(\$261.41 @	5.50%)				\$14.3
INTEREST ON EQUIPMENT INVESTMENT									\$24.3

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

GROSS RETURN		\$2,400.00	
VARIABLE OPERATING EXPENSES	\$1,571.66		
RETURN OVER VARIABLE EXPENSES		\$828.34	(GROSS MARGIN)
FIXED EXPENSES	\$89.24		
NET FARM INCOME		\$739.10	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$213.23		
NET OPERATING PROFIT		\$525.87	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$38.75		
RETURN TO LAND AND RISK		\$487.12	

TABLE 11. Spring lettuce, flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County, Projected 2018

ITEM	PRICE		YIEL	D						TOTA
GROSS RETURNS SPRING LETTUCE	\$6.42		475.00	CARTON	S					\$3,049.5
TOTAL										\$3,049.5
ED NPUTS	PRICE		QUAN	TITY	PURCHASED INPUTS				FIXED COST	ΤΟΤΑ
SEED	\$756.00			LBS	\$3,024.00					\$3,024.00
ANHYDROUS AMMONIA (NH3) NITROGEN (N)	\$0.21 \$0.31			LBS LBS	\$52.50 \$15.50					\$52.5 \$15.5
PHOSPHATE (P2O5)	\$0.24			LBS	\$36.00					\$36.0
INSECTICIDE	\$92.45		1	X/ACRE	\$92.45					\$92.4
PUMP WATER*			24	AC. IN.						
SUBTOTAL					\$3,220.45					\$3,220.4
ST	POWER		ACCOMPLI	SHMENT	PURCHASED		FUEL &		FIXED	
PERATIO	UNIT		RAT	E	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC	185 HP		0.14	HR		\$1.05	\$3.48	\$1.02	\$2.08	\$7.6
PLOW	185 HP		0.48			\$3.60	\$11.93	\$3.80	\$7.27	\$26.6
DISC LASER PLANE (CUSTOM)	185 HP		0.14	нк	\$73.33	\$1.05 \$0.00	\$3.48 \$0.00	\$1.02 \$0.00	\$2.08 \$0.00	\$7.6 \$73.3
FERTILIZE	140 HP		0.05	HR	\$73.33	\$0.00 \$0.38	\$0.00 \$0.94	\$0.00 \$0.22	\$0.66	\$7.3.3 \$2.1
DISC & SPRAY	185 HP		0.17			\$1.28	\$4.23	\$1.36	\$2.99	\$9.8
LISTER	140 HP		0.12	HR		\$0.90	\$2.25	\$0.84	\$2.04	\$6.0
PRE-IRRIGATE			0.75			\$5.63	\$10.24	\$0.29	\$3.65	\$19.8
ROLLING CULT	80 HP		0.13			\$0.98	\$1.90	\$0.61	\$0.82	\$4.3
VEG-PLANT SHAPER CULT & SIDEDRESS (2X)	140 HP 80 HP		0.26 0.66			\$1.95 \$4.95	\$4.88 \$9.65	\$1.32 \$2.87	\$9.71 \$3.78	\$17.8 \$21.2
ROLLING CULT	80 HP		0.00			\$0.98	\$9.05	\$0.61	\$0.82	\$4.3
THIN & HOE (CUSTOM)					\$120.00		• • •			\$120.0
SPRAY	80 HP		0.11	HR		\$0.83	\$1.61	\$0.18	\$0.41	\$3.0
DUSTER (CUSTOM)					\$5.00	6 / / 6				\$5.0
ROTO BUCK (5X) IRRIGATE (5X)	140 HP		0.15 2.5	HR		\$1.13 \$18.75	\$2.81 \$51.19	\$0.66 \$1.47	\$2.21 \$18.25	\$6.8 \$89.6
SUBTOTAL			5.79	HR	\$198.33	\$43.43	\$110.48	\$16.26	\$56.78	\$425.2
ARVEST OPERATIONS										
HARVEST (CUSTOM)					\$878.75					\$878.7
CARTONS (CUSTOM)					\$403.75					\$403.7
HAUL (CUSTOM)					\$142.50					\$142.5
BROKERAGE (CUSTOM)					\$282.08					\$282.0
SUBTOTAL			0.00	HR	\$1,707.08	\$0.00	\$0.00	\$0.00	\$0.00	\$1,707.0
VERHEAD EXPENSES										
DOWNTIME			0.5025	HR		\$3.77				\$3.7
EMPLOYEE BENEFITS						\$7.82				\$7.8
INSURANCE					\$0.87					\$0.8
LAND TAXES SUPERVISION AND MANAGEMENT						\$385.29			\$1.88	\$1.8 \$385.2
OTHER EXPENSES					\$78.54	ψ303.23				\$78.5
SUBTOTAL		-	0.50	HR	\$79.40	\$396.88			\$1.88	\$478.1
OTAL OPERATING EXPENSES			6.29	HR	\$5,205.27	\$440.30	\$110.48	\$16.26	\$58.66	\$5,830.9
IET OPERATING PROFIT										(\$2,781.4
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMEN	Т	(\$1,784.17	@	5.50%)				\$98.1 \$14.8
RETURN TO LAND AND RISK										(\$2,894.4

GROSS RETURN VARIABLE OPERATING EXPENSES	\$5.332.00	\$3,049.50	
RETURN OVER VARIABLE EXPENSES	\$5,552.00	(\$2,282.50)	(GROSS MARGIN)
FIXED EXPENSES	\$58.66		
NET FARM INCOME		(\$2,341.16)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$440.30		
NET OPERATING PROFIT		(\$2,781.47)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$113.00		
RETURN TO LAND AND RISK		(\$2,894.47)	

TABLE 12. Fall lettuce, flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County, Projected 2018

FALL LETTUCE \$6.14 \$00.00 CARTONS \$33,070.00 TOTAL \$30,070.00 \$30,070.00 \$30,070.00 \$30,070.00 ED NUTS PRICE OLANTITY PRICE PRICE </th <th>ITEM</th> <th>PRICE</th> <th></th> <th>YIE</th> <th>LD</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>TOTAI</th>	ITEM	PRICE		YIE	LD						TOTAI
ED MPUTS PRICE QUANTITY PURCHASED MPUTS FIXED FIXED SEED MANYDROX SAMUONIA (NHS) \$764.00 4 485 \$3,136.00 </th <th>GROSS RETURNS FALL LETTUCE</th> <th>\$6.14</th> <th></th> <th>500.00</th> <th>CARTON</th> <th>s</th> <th></th> <th></th> <th></th> <th></th> <th>\$3,070.00</th>	GROSS RETURNS FALL LETTUCE	\$6.14		500.00	CARTON	s					\$3,070.00
NPUTS PRICE QUANTITY INPUTS COST TOTA SEED STA400 4 LBS S.196.00	TOTAL										\$3,070.00
NPUTS PRICE QUANTITY INPUTS COST TOTA SEED STA400 4 LBS S.196.00											
SEED ST84.00 4 LBS \$3,136.00 \$3,136.00 ANNTROGEN, MANONA (NH2) \$0,21 20 LBS \$52.00 \$52.50 MITROGEN, MODIA \$13,34 50 LBS \$52.50 \$53.50 MEREDICIDE \$52.58 1 XACRE \$51.56 \$53.51.10 NISCOTIONE \$52.58 1 XACRE \$52.58 \$53.51.17 SUBTOTAL \$53.51.14 \$53.51.14 \$53.51.14 \$53.51.14 \$53.51.14 DISC UNIT ACCOMPLISHMENT PURCHASED LUBE REPARK \$COST TOTA DISC 188 HP 0.14 HR \$10.05 \$54.48 \$10.20 \$50.00 \$50.00 \$50.00 \$57.33 DISC 188 HP 0.14 HR \$10.05 \$34.84 \$10.20 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.00 \$50.77	ED	55105		~ ~ ~ ~							
ANNTPROUS ANMONA (NINS) 50.21 250 LBS St2.50 St2.50 PHOSPHATE (P205) \$0.24 150 LBS \$31.56 \$31.56 \$31.56 PHOSPHATE (P205) \$0.22.8 1 XAACRE \$52.58 \$31.56 PUMP WATER' \$0.2.9 1 XAACRE \$52.58 \$31.55 SUBTOTAL \$33.51.14 \$33.51.14 \$33.68 \$10.55 \$31.48 \$10.20 \$20.68 \$32.58 <td>INPUTS</td> <td>PRICE</td> <td></td> <td>QUAN</td> <td>IIIIY</td> <td>INPUIS</td> <td></td> <td></td> <td></td> <td>COST</td> <td>TOTAL</td>	INPUTS	PRICE		QUAN	IIIIY	INPUIS				COST	TOTAL
NITROGEN (N) HEBRIC/DE NIRCOTODE PUMP WATER* S0.31 S0.03 S0.03 S0.04 S0.05											\$3,136.00
PHOSPHATE (P205) \$0.24 150 LBS \$36.00 \$38.00 INSECTIODE \$38.238 1 XACRE \$18.56 \$18.56 INSECTIODE \$38.238 1 XACRE \$18.56 UNT \$32.361.14 \$33.351.14 \$33.351.14 SUBTOTAL \$33.351.14 \$33.05 \$34.86 CPLMP VARTER' ACCOMPLISHMENT PURCHASED FUEL & REPAIRS FXED OPERATIO UNIT RATE NPUTS LABOR FUEL & REPAIRS FXED PLOW 185 HP 0.14 HR \$33.06 \$3.06 \$3.08 \$3.00 \$3.00 \$3.00 \$3.02 \$5.06 \$2.21 \$2.26 \$7.6 PLOW 185 HP 0.14 HR \$3.06 \$3.08 \$3.00 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$52.50</td></td<>											\$52.50
HERBICIDE PUMP WATER \$18.56 40 AC.IN. 1 XACRE 40 AC.IN. \$18.56 592.58 \$18.56 592.58 \$18.56 592.58 SUBTOTAL \$33,51.14 \$33,51.14 \$33,51.14 \$33,51.14 \$33,51.14 EST PUMP WATER POWER ACCOMPLISHMENT INPUTS LABOR FUEL & LABOR REPAIRS COST TOTAL DISC 185.HP 0.44 HR \$10.55 \$3.48 \$10.2 \$2.08 \$7.47 DISC 185.HP 0.44 HR \$3.00 \$51.33 \$3.80 \$7.27 \$26.66 PLOW 185.HP 0.44 HR \$3.00 \$51.33 \$3.80 \$51.22 \$2.08 \$7.47 DISC STRAY 185.HP 0.14 HR \$73.33 \$50.30 \$50.00 \$50.01 \$50.22 \$50.64 \$2.04 \$50.02 \$51.55 <											
NBECTOIDE PUMP WARPY SU2.58 1 XACRE 40 AC.N. SUSTOID SUSTOID <thsustoid< th=""> SUSTOID SUS</thsustoid<>											
PUMP WATER' 40 AC.IN. SUBTOTAL \$3,351.14 \$3,351.14 STATUD UNIT RATE PURCHASED FUEL & REPARS FXED C0.57 TOTA SPERATID UNIT RATE NPUTS LABOR FUEL & REPARS FXED C0.57 TOTA SPERATID 185 HP 0.14 HR \$3.06 \$1.05 \$3.48 \$1.02 C0.53 TOTA DISC 185 HP 0.14 HR \$3.05 \$3.08 \$7.27 \$22.08 \$7.64 DISC 185 HP 0.14 HR \$3.09 \$2.22 \$3.08 \$2.20 \$5.76.5 FERTULZE 140 HP 0.06 HR \$7.33 \$0.00 \$0.00 \$5.00 \$2.20 \$5.66 \$2.21 \$5.88 \$5.23 \$5.88 \$5.23 \$5.88 \$5.23 \$5.88 \$5.23 \$5.74 \$5.83 \$5.20 \$5.88 \$5.23 \$5.74 \$5.74 \$5.74 \$5.23 \$5.88 \$5.23 \$5.88 \$5.23 \$5.88 \$5.23											\$92.58
EST DPR-RATIO POWER UNIT ACCOMPLISHMENT RATE PURCHASED INPUTS FUEL & LABOR FUEL & TURE FUEL & COST TURE TOTAL DISC POW POW POW POW POW POW POW POW POW POW	PUMP WATER*			40	AC. IN.						
OPERATIO UNIT RATE INPUTS LABOR LUBE REPAIRS COST TOTA DISC 185 HP 0.14 HR \$1.05 \$3.48 \$1.02 \$2.08 \$7.64 DISC 185 HP 0.44 HR \$3.00 \$3.00 \$2.00 \$7.00 DISC 185 HP 0.44 HR \$3.00 \$3.00 \$0.0	SUBTOTAL					\$3,351.14					\$3,351.14
DISC 165 HP 0.14 HR \$1.05 \$3.48 \$1.02 \$2.08 \$7.67 PLOW 185 HP 0.44 HR \$1.06 \$3.48 \$1.02 \$2.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$7.67 \$25.08 \$2.14 \$25.29 \$20.88 \$2.12 \$2.16 \$2.25 \$20.64 \$2.04 \$2.04 \$2.05 \$2.25 \$20.64 \$2.04 \$5.06 \$2.25 \$20.64 \$2.04 \$5.05 \$2.25 \$20.65 \$2.25 \$20.61 \$0.32 \$2.57 \$3.76 \$2.57 \$3.76 \$5.63 \$2.12 \$2.67 \$3.78 \$5.62 \$2.77 \$3.68 \$1.22 <	EST										
PLOW 185 HP 0.48 HR \$3.60 \$1.93 \$3.80 \$7.27 \$26.60 DISC 185 HP 0.14 HR \$1.05 \$3.48 \$1.02 \$2.08 \$7.64 LASER PLANE (CUSTOM) 164 HP 0.05 HR \$5.33 \$5.00 </td <td>OPERATIO</td> <td>UNIT</td> <td></td> <td>RA</td> <td>TE</td> <td>INPUTS</td> <td>LABOR</td> <td>LUBE</td> <td>REPAIRS</td> <td>COST</td> <td>TOTAI</td>	OPERATIO	UNIT		RA	TE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAI
DISC 185 HP 0.14 HR \$10.5 \$3.48 \$1.02 \$2.08 \$7.6. LASER PLANE (CUSTOM) FERTILIZE 140 HP 0.05 HR \$7.3.33 \$5.000											\$7.64
LASER PLANE (CUSTOM) FRETRUZE 140 HP DISC SPRAY 165 HP DISC SPRAY 165 HP O.17 HR S128 S4.23 S1.36 S2.29 S0.86 S2.17 DISC SPRAY 165 HP O.17 HR S128 S4.23 S1.36 S2.29 S0.86 S2.12 S128 S4.23 S1.36 S2.29 S0.87 S4.56 S2.33 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.04 S0.00 S0.02 S4.30 PRE-IRRIGATE 00 FR S1.28 S4.33 S1.28 S0.37 S4.56 S2.33 VEG-PLANT SHAPER 140 HP O.26 HR S4.95 S9.66 S2.17 S7.87 S21.22 ROLLING CULT 80 HP O.13 HR S0.98 S1.90 S0.61 S0.82 S4.33 VEG-PLANT SHAPER 140 HP O.26 HR S4.95 S9.66 S2.267 S3.78 S21.22 ROLLING CULT 80 HP O.13 HR S0.98 S1.90 S0.61 S0.82 S4.33 S1.90 S0.61 S0.90 S0.00 S0.00 S0.00 S0.00 S0.00 S1.76.38 S2.90 S0.00 S0.00 S0.00 S0.00 S1.76.38 S2.90 S0.00 S0.00 S0.00 S0.00 S1.76.38 S2.90 S0.00 S0.00 S0.00 S0.00 S0.00 S1.76.38 S2.90 S0.00 S0.00 S0.00 S0.00 S1.76.38 S2.90 S0.00 S0.00 S0.00 S1.76.38 S2.90 S1.88 S1.88 S1.88 S1.88 S1.88 S1.88 S1.88 S1.88 S1.88 S1.88 S1											\$26.60
FERTILIZE 140 HP 0.05 HR \$0.38 \$0.34 \$0.22 \$0.66 \$2.11 DISC & SPRAY 140 HP 0.17 HR \$1.28 \$4.23 \$1.36 \$2.29 \$0.64 \$2.24 \$0.64 \$2.24 \$5.08 \$2.29 \$0.84 \$2.04 \$50.20 PRE-IRRIGATE 140 HP 0.12 HR \$0.98 \$1.90 \$0.61 \$0.82 \$53.37 \$2.20 \$0.61 \$0.82 \$53.37 \$2.27 \$0.61 \$0.82 \$53.37 \$21.20 \$0.61 \$0.82 \$53.37 \$21.27 \$0.61 \$0.82 \$54.56 \$23.37 \$17.68 \$0.61 \$0.61 \$0.83 \$1.61 \$0.83 \$1.61 \$0.83 \$1.61 \$0.83 \$1.61 \$0.18 \$0.41 \$50.25 \$1.61 \$0.61 \$0.63 \$1.61 \$0.18 \$0.92 \$0.61 \$0.51.58 \$3.94 \$0.92 \$0.61 \$0.51.58 \$3.94 \$0.92 \$0.61 \$0.52.55 \$1.70 \$72.26 \$562.27 \$1.61 \$0.51.55		185 HP		0.14	HR	6 70.00					
DISC & SPRAY 185 HP 0.17 HR \$1.28 \$4.23 \$1.36 \$2.99 \$5.86 LISTER 140 HP 0.12 HR \$0.09 \$2.25 \$5.84 \$2.04 \$5.037 \$4.56 \$5.037 \$4.56 \$5.23 \$5.84 \$2.04 \$5.037 \$4.56 \$5.23 \$7.84 \$6.53 \$2.71 \$5.76 \$5.23 \$5.78 \$5.23 \$5.78 \$5.23 \$5.78 \$5.23 \$5.78 \$5.21 \$5.78 \$5.21 \$5.78 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.79 \$5.77 \$5.78 \$5.79 <td></td> <td></td> <td></td> <td>0.05</td> <td>цр</td> <td>\$73.33</td> <td></td> <td></td> <td></td> <td></td> <td></td>				0.05	цр	\$73.33					
LISTER 140 HP 0.12 HR \$0.90 \$2.25 \$0.84 \$2.04 \$50.00 PRE-IRRIGATE 0.75 HR \$563 \$12.05 \$0.37 \$4.56 \$23.35 ROLLING CULT 80 HP 0.13 HR \$0.98 \$1.90 \$0.61 \$50.82 \$4.30 VEG-PLANT SHAPER 140 HP 0.26 HR \$1.95 \$4.48 \$1.32 \$57.1 \$17.86 CULT 80 HP 0.66 HR \$4.95 \$4.95 \$2.87 \$3.78 \$21.26 ROLLING CULT 80 HP 0.13 HR \$10.00 \$8.190 \$0.61 \$50.82 \$4.33 SUBOTAL \$0.08 \$1.90 \$0.61 \$50.82 \$4.33 SUBTOTAL \$10 HP 0.11 HR \$10.00 \$0.83 \$1.61 \$50.18 \$0.41 \$50.82 \$4.33 SUBTOTAL \$10.00 \$15.80 \$1.58 \$3.34 \$50.42 \$5.00 \$15.80 \$2.57 \$31.93 \$150.33 SUBTOTAL \$0.85 HR \$268.33 \$51.38 \$152.55 \$17.70 \$72.26 \$562.21 HARVEST (CUSTOM) \$140 HP 0.21 HR \$15.00 \$15.80 \$3.94 \$50.50 \$15.80 \$3.94 \$50.50 \$15.80 \$3.94 \$50.50 \$15.80 \$3.94 \$50.50 \$15.80 \$3.94 \$50.50 \$15.80 \$3.94 \$150.30 \$150.00 \$3150.00 \$150.00 \$317.70 \$72.26 \$32.37 \$31.88 \$3.88 \$3.88 \$3.88 \$31.88 \$3.88 \$31.88											
PRE-IRRIGATE 0.75 HR \$563 \$1280 \$0.37 \$4.56 \$2337 PRCLING CULT 80 HP 0.3 HR \$195 \$4.90 \$5.71 \$175 CULT & SIDPRESS (2X) 80 HP 0.26 HR \$195 \$4.88 \$1.32 \$8.71 \$178 CULT & SIDPRESS (2X) 80 HP 0.66 HR \$4.95 \$9.65 \$2.27 \$3.78 \$160.00 SPRAY 80 HP 0.11 HR \$180.00 \$0.83 \$1.61 \$0.18 \$0.41 \$150.00 DUSTER (CUSTOM) ROLING CULTOND) \$1.69 \$1.58 \$3.94 \$0.92 \$3.0 \$150.01 \$150.00 SUBTOTAL 6.85 HR \$266.33 \$51.38 \$1.52 \$1.70 \$72.26 \$562.21 HARVEST (CUSTOM) \$2825.00 \$2.57 \$31.33 \$150.03 \$1.50.00 \$1.783.98 \$0.00 \$0.00 \$1.783.98 \$2.60 \$2.83.91 \$2.83.91 \$2.83.91 \$2.83.91 \$2.83.91 \$2.83.91 \$2.83.91 \$2.83.91 \$2.83.91 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
ROLLING CULT 80 HP 0.13 HR \$0.88 \$1.90 \$0.61 \$0.82 \$4.33 VUEG-PLANT SHAPER 140 HP 0.26 HR \$4.95 \$9.65 \$2.87 \$3.78 \$21.28 CULT & SIDEDRESS (2x) 80 HP 0.66 HR \$4.95 \$9.65 \$2.87 \$3.78 \$21.28 CULT & SIDEDRESS (2x) 80 HP 0.13 HR \$0.98 \$1.90 \$0.61 \$0.82 \$4.33 THIN & HOE (CUSTOM) 80 HP 0.11 HR \$15.00 \$0.83 \$1.61 \$0.18 \$0.41 \$15.00 SPRAY B0 HP 0.21 HR \$1.50 \$3.94 \$0.92 \$3.04 \$3.06 \$3.041 \$3.00 \$3.041 \$3.00 \$3.041 \$3.00 \$3.041 \$3.00 \$3.041 \$3.041 \$3.041 \$3.041 \$3.041 \$3.041 \$3.041 \$3.041 \$3.00 \$3.041 \$3.00 \$3.041 \$3.00 \$3.041 \$3.041 \$3.041 \$3.041 \$3.041 \$3.041 \$3.041 \$3.00 \$3.00 \$3.00 <td></td> <td>\$23.35</td>											\$23.35
CULT & SIDEDRESS (2X) B0 HP 0.66 HR \$4.95 \$3.65 \$2.87 \$3.78 \$21.22 THIN & HOE (CUSTOM) B0 HP 0.13 HR \$0.98 \$1.00 \$0.83 \$1.61 \$0.82 \$43.95 \$9.86.5 \$2.87 \$3.78 \$21.22 THIN & HOE (CUSTOM) B0 HP 0.11 HR \$100.00 \$0.83 \$1.61 \$0.82 \$43.95 \$9.86.5 \$2.87 \$31.78 \$5180.00 \$15.98 \$3.94 \$0.02 \$0.92 \$3.09 \$9.53 \$15.00 \$15.98 \$3.94 \$0.02 \$3.09 \$9.52 \$1.53 \$1.53 \$1.53 \$51.27 \$51.39 \$15.00 \$9.22 \$3.09 \$9.22 \$3.09 \$9.22 \$9.52<	ROLLING CULT	80 HP		0.13	HR		\$0.98		\$0.61	\$0.82	\$4.30
ROLLING CULT 80 HP 0.13 HR \$0.88 \$1.90 \$0.61 \$0.82 \$4.33 MIN & HOE (CUSTOM) 80 HP 0.11 HR \$16.00 \$0.83 \$1.61 \$0.82 \$15.00 DUSTER (CUSTOM) 80 HP 0.11 HR \$15.00 \$1.58 \$3.94 \$0.22 \$15.01 DUSTER (CUSTOM) 140 HP 0.21 HR \$1.58 \$3.94 \$0.92 \$3.09 \$9.52.51 SUBTOTAL 6.85 HR \$268.33 \$51.38 \$15.2.55 \$17.70 \$72.26 \$562.21 HARVEST OPERATIONS											\$17.85
THIN & HOE (CUSTOM) \$180.00 \$180.00 \$180.00 \$180.00 DUSTER (CUSTOM) 80 HP 0.11 HR \$15.00 \$0.83 \$1.61 \$0.18 \$0.41 \$3.09 ROTO BUCK (TX) 140 HP 0.21 HR \$1.58 \$3.94 \$0.92 \$3.09 \$51.25 SUBTOTAL 6.85 HR \$268.33 \$51.38 \$152.55 \$17.70 \$72.26 \$562.27 HARVEST OPERATIONS 6.85 HR \$268.33 \$51.38 \$152.55 \$17.70 \$72.26 \$562.27 HARVEST OPERATIONS 6.85 HR \$268.33 \$51.38 \$152.55 \$17.70 \$72.26 \$562.27 HARVEST CUSTOM) \$262.00 \$150.00 \$425.00											
SPRAY 80 HP 0.11 HR \$0.83 \$1.61 \$0.18 \$0.41 \$15.00 DUSTER (CUSTOM) ROTO BUCK (7X) 140 HP 0.21 HR \$15.00 \$15.88 \$3.94 \$0.92 \$3.09 \$95.50 SUBTOTAL 6.85 HR \$26.25 \$89.58 \$2.57 \$31.33 \$150.37 SUBTOTAL 6.85 HR \$268.33 \$51.38 \$152.55 \$17.70 \$72.26 \$562.27 HARVEST OPERATIONS 6.85 HR \$226.00 \$15.00 \$150.00 \$150.00 HARVEST (CUSTOM) \$425.00 \$425.00 \$17.70 \$72.26 \$562.27 HARVEST (CUSTOM) \$425.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$17.783.98 SUBTOTAL 0.00 HR \$1,783.98 \$0.00 \$0.00 \$0.00 \$1.783.98 OVERHEAD EXPENSES 0.5175 HR \$3.88 \$9.25 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 \$1.89 \$1.783.99 <td></td> <td>80 HP</td> <td></td> <td>0.13</td> <td>HR</td> <td>¢190.00</td> <td>\$0.98</td> <td>\$1.90</td> <td>\$0.61</td> <td>\$0.82</td> <td></td>		80 HP		0.13	HR	¢190.00	\$0.98	\$1.90	\$0.61	\$0.82	
DUSTER (CUSTOM) ROTO BUCK (7x) 140 HP \$15.00 51.58 \$3.94 \$0.22 \$3.93 \$15.00 \$15.80 \$3.94 \$0.22 \$3.03 \$3.93		80 HP		0.11	HR	\$180.00	\$0.83	\$1.61	\$0.18	\$0.41	
ROTO BUCK (7x) IRRIGATE (7x) 140 HP 0.21 HR 3.5 HR \$1.58 \$26.25 \$3.94 \$2.57 \$3.09 \$3.193 \$515.35 \$150.33 SUBTOTAL 6.85 HR \$268.33 \$51.38 \$152.55 \$17.70 \$72.26 \$562.27 HARVEST OPERATIONS		0011		0		\$15.00	φ0.00		\$ 0.10	\$ 0.11	\$15.00
SUBTOTAL 6.85 HR \$268.33 \$51.38 \$152.55 \$17.70 \$72.26 \$562.21 HARVEST OPERATIONS HARVEST (CUSTOM) \$925.00 \$925.00 \$925.00 HARVEST (CUSTOM) \$425.00 \$425.00 \$150.00 \$150.00 BROKERAGE (CUSTOM) \$1260.00 \$1283.98 \$223.98 \$223.98 \$223.98 SUBTOTAL 0.00 HR \$1,783.98 \$0.00 \$0.00 \$0.00 \$1783.98 OVERHEAD EXPENSES 0.5175 HR \$3.88 \$3.88 \$3.88 \$1.03 \$1.03 DOWNTIME 0.5175 HR \$3.88 \$1.88 \$1.88 \$1.88 SUBTOTAL 0.5175 HR \$3.88 \$3.88 \$3.88 \$3.88 SUPERVISION AND MANAGEMENT \$1.03 \$1.03 \$1.88 \$1.88 \$1.88 SUBTOTAL 0.52 HR \$78.54 \$78.54 \$78.54 \$78.54 \$78.54 \$78.54 NET OPERATING EXPENSES 7.37 HR \$5,483.01 \$480.22 \$152.55 \$17.70 \$74.14 \$6,207.62		140 HP		0.21	HR	• • • • •	\$1.58	\$3.94	\$0.92	\$3.09	\$9.53
HARVEST OPERATIONS HARVEST (CUSTOM) CARTONS (CUSTOM) HAUL (CUSTOM) BROKERAGE (CUSTOM) \$925.00 \$425.00 \$150.00 \$150.00 \$283.98 \$925.00 \$425.00 \$150.00 \$283.98 SUBTOTAL 0.00 HR \$1,783.98 \$0.00 \$0.00 \$0.00 \$0.00 \$150.00 \$283.98 OVERHEAD EXPENSES 0.00 HR \$1,783.98 \$0.25 \$0.00 \$0.00 \$1,783.98 DOWNTIME EMPLOYCE BENEFITS INSURANCE LAND TAXES 0.5175 HR \$3.88 \$9.25 \$3.88 \$1.03 \$3.88 \$1.03 SUPERVISION AND MANAGEMENT OTHER EXPENSES \$1.572 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 \$1.88 SUPERVISION AND MANAGEMENT OTHER EXPENSES 0.52 HR \$79.56 \$428.85 \$1.88 \$1.88 \$1.88 \$1.62 NET OPERATING EXPENSES 7.37 HR \$5,483.01 \$480.22 \$152.55 \$17.70 \$74.14 \$6,207.62 INTEREST ON OPERATING CAPITAL INTEREST ON OPERATING CAPITAL (\$1,866.80 @ \$5.50%) \$102.62	IRRIGATE (7X)			3.5	HR		\$26.25	\$89.58	\$2.57	\$31.93	\$150.33
HARVEST (CUSTOM) CARTONS (CUSTOM) HAUL (CUSTOM) BROKERAGE (CUSTOM) \$925.00 \$425.00 \$150.00 \$925.00 \$425.00 \$150.00 \$925.00 \$425.00 \$150.00 \$925.00 \$425.00 BROKERAGE (CUSTOM) \$150.00 \$160.00 \$150.00 \$100.00 \$1.783.98 \$0.00 \$0.00 \$0.00 \$1.783.98 \$0.00 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$0.00 \$1.783.98 \$1.783.98 \$0.00 \$1.783.98 \$1.783.98 \$1.783.98 \$1.03 \$1.280 \$1.03 \$1.03 \$1.03 \$1.03 \$1.02 \$1.02 \$1.02	SUBTOTAL			6.85	HR	\$268.33	\$51.38	\$152.55	\$17.70	\$72.26	\$562.21
CARTONS (CUSTOM) HAUL (CUSTOM) BROKERAGE (CUSTOM) \$425.00 \$150.00 \$425.00 \$150.00 \$425.00 \$150.00 BROKERAGE (CUSTOM) \$283.98 \$283.98 \$283.98 SUBTOTAL 0.00 HR \$1,783.98 \$0.00 \$0.00 \$0.00 \$1,783.98 OVERHEAD EXPENSES 0.00 HR \$1,783.98 \$0.00 \$0.00 \$0.00 \$1,783.98 DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES 0.5175 HR \$3.88 \$3.88 \$1.88 \$1.88 SUBTOTAL 0.5175 HR \$1.03 \$1.25 \$1.03 \$1.03 \$1.88 \$1.88 \$1.88 SUPERVISION AND MANAGEMENT OTHER EXPENSES \$1.25 \$1.88 \$1.89 \$1.02 \$1.02 \$1.02 \$1.02 \$1.02 \$1.02 \$1.02 \$1.02 \$1.02 \$1.02 \$1.02 \$1.02 \$1.0	HARVEST OPERATIONS										
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BROKERAGE (CUSTOM) \$283.98 \$283.98 \$283.98 \$283.98 SUBTOTAL 0.00 HR \$1,783.98 \$0.00 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,783.98 \$0.00 \$0.00 \$1,81,81 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.02 \$1.88 \$1.88 \$1.88 \$1.02 \$1.88 \$510.26 \$1.88 \$510.26 \$1.02 \$1.02 <td></td> <td>\$425.00</td>											\$425.00
SUBTOTAL 0.00 HR \$1,783.98 \$0.00 \$0.00 \$0.00 \$1,783.98 OVERHEAD EXPENSES DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES 0.5175 HR \$3.88 \$9.25 \$3.80 \$9.25 \$3.80 \$9.25 \$3.80 \$1.03 SUPERVISION AND MANAGEMENT OTHER EXPENSES \$1.88 \$1.88 \$1.80 \$1.255 \$1.70 \$1.41 \$6.207.62 NET OPERATING PROFIT (\$1.866.80 @ \$5.50%) \$10.267 \$16.23 \$10.267 INTEREST ON EQUIPMENT INVESTMENT \$1.86.											\$150.00
OVERHEAD EXPENSES 0.5175 HR \$3.88 \$3.88 \$3.88 EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES 0.5175 HR \$3.88 \$1.03 \$1.02 \$1.03 \$1.03 \$1.03 \$1.03 \$1.03 \$1.03 \$1.03 \$1.03 \$1.03 \$1.03 \$1.03 \$1.03	BROKERAGE (CUSTOM)					\$283.98					\$283.98
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES 0.5175 HR \$3.88 \$9.25 \$3.80 \$9.25 USURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES \$1.80 \$1.88 \$1.80 \$1.88 \$1.80 \$415.72 \$1.88 \$1.88 \$1.88 \$1.87 SUBTOTAL 0.52 HR \$79.56 \$428.85 \$1.88 \$510.29 TOTAL OPERATING EXPENSES 7.37 HR \$5,483.01 \$480.22 \$152.55 \$17.70 \$74.14 \$6,207.62 NET OPERATING PROFIT (\$1,866.80 \$5.50% \$102.63 \$102.63 INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT (\$1,866.80 \$5.50% \$102.63	SUBTOTAL			0.00	HR	\$1,783.98	\$0.00	\$0.00	\$0.00	\$0.00	\$1,783.98
EMPLOYEE BENEFITS INSURANCE \$9.25 \$9.25 (\$1.03) LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES \$1.88 (\$1.67) \$1.88 (\$1.67) \$1.88 (\$1.67) \$1.88 (\$1.67) \$1.88 (\$1.67) \$1.88 (\$1.67) \$1.88 (\$415.72) \$1.88 (\$415.72) \$1.88 \$1.02 (\$415.72) SUBTOTAL 0.52 HR \$78.54 \$1.88 \$510.29 TOTAL OPERATING EXPENSES 7.37 HR \$5,483.01 \$480.22 \$152.55 \$17.70 \$74.14 \$6,207.62 NET OPERATING PROFIT (\$1,866.80 @ \$5.50% \$102.65 \$102.65 INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT (\$1,866.80 @ \$5.50% \$102.65	OVERHEAD EXPENSES										
INSURANCE LAND TAXES \$1.03 \$1.03 \$1.03 SUPERVISION AND MANAGEMENT OTHER EXPENSES \$415.72 \$1.88 \$1.87 SUBTOTAL 0.52 HR \$79.56 \$428.85 \$1.88 \$510.29 TOTAL OPERATING EXPENSES 7.37 HR \$5,483.01 \$460.22 \$152.55 \$17.70 \$74.14 \$6,207.62 NET OPERATING PROFIT INTEREST ON OPERATING CAPITAL INTEREST ON OPERATING CAPITAL (\$1,866.80 @ \$5.50%) \$102.67 INTEREST ON EQUIPMENT INVESTMENT \$1,866.80 @ \$5.50%) \$102.67	DOWNTIME			0.5175	HR		\$3.88				\$3.88
LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES \$1.88 \$1.88 \$1.88 \$415.72 \$578.54 \$415.72 \$578.54 \$577.55 \$577.57 \$774.14 \$6207.62 \$577.54 \$578.54 \$577.54 \$577.54 \$577.54 \$577.54 \$577.55 \$17.70 \$74.14 \$6207.62 \$577.54 \$577.54 \$577.54 \$577.54 \$577.54 \$577.54 \$577.54 \$577.54 \$577.55 \$577.54 \$577.54 \$577.55 \$577.54 \$577.54 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$9.25</td> <td></td> <td></td> <td></td> <td>\$9.25</td>							\$9.25				\$9.25
SUPERVISION AND MANAGEMENT OTHER EXPENSES \$415.72 \$415.72 \$415.72 SUBTOTAL 0.52 HR \$79.56 \$428.85 \$1.88 \$510.25 TOTAL OPERATING EXPENSES 7.37 HR \$5,483.01 \$480.22 \$152.55 \$17.70 \$74.14 \$6,207.62 NET OPERATING PROFIT (\$3,137.62 (\$3,137.62 \$102.65						\$1.03					
OTHER EXPENSES \$78.54 \$78.54 SUBTOTAL 0.52 HR \$79.56 \$428.85 \$1.88 \$510.29 TOTAL OPERATING EXPENSES 7.37 HR \$5,483.01 \$480.22 \$152.55 \$17.70 \$74.14 \$6,207.62 NET OPERATING PROFIT (\$3,137.62 (\$3,137.62 \$102.67 \$102.67 \$102.67 \$102.67 \$102.67 \$162.26 \$162.26 \$162.26 \$162.26 \$102.67							¢115 70			\$1.88	
TOTAL OPERATING EXPENSES 7.37 HR \$5,483.01 \$480.22 \$152.55 \$17.70 \$74.14 \$6,207.62 NET OPERATING PROFIT (\$3,137.62 \$3,102.67 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$78.54</td> <td>φ413.72</td> <td></td> <td></td> <td></td> <td>\$78.54</td>						\$78.54	φ 4 13.72				\$78.54
NET OPERATING PROFIT (\$3,137.62 INTEREST ON OPERATING CAPITAL (\$1,866.80 @ 5.50%) \$102.67 INTEREST ON EQUIPMENT INVESTMENT \$16.23	SUBTOTAL			0.52	HR	\$79.56	\$428.85			\$1.88	\$510.29
INTEREST ON OPERATING CAPITAL (\$1,866.80 @ 5.50%) \$102.67 INTEREST ON EQUIPMENT INVESTMENT \$16.20	TOTAL OPERATING EXPENSES			7.37	HR	\$5,483.01	\$480.22	\$152.55	\$17.70	\$74.14	\$6,207.62
INTEREST ON EQUIPMENT INVESTMENT \$16.23	NET OPERATING PROFIT										(\$3,137.62
		IT	(\$1,866.80	@	5.50%)				\$102.67 \$16.23
RETURN TO LAND AND RISK (\$3,256.52											(\$3,256.52

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

GROSS RETURN		\$3,070.00	
VARIABLE OPERATING EXPENSES	\$5,653.26		
RETURN OVER VARIABLE EXPENSES		(\$2,583.26)	(GROSS MARGIN)
FIXED EXPENSES	\$74.14		
NET FARM INCOME		(\$2,657.40)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$480.22		
NET OPERATING PROFIT		(\$3,137.62)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$118.90		
RETURN TO LAND AND RISK		(\$3,256.52)	

TABLE 13. Fall onions, flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County,

ITEM	PRICE	YIELD	5						ΤΟΤΑ
GROSS RETURNS	11102								
FALL ONIONS	\$8.02	820.00	SACKS						\$6,576.40
TOTAL									\$6,576.40
PURCHAS				PURCHASED				FIXED	
ED INPUTS	PRICE	QUANT	ΊΤΥ	INPUTS				COST	ΤΟΤΑ
SEED	\$100.00	4	LBS	\$400.00					\$400.00
ANHYDROUS AMMONIA (NH3)	\$0.21	450		\$94.50					\$94.50
NITROGEN (N)	\$0.31		LBS	\$23.25					\$23.25
PHOSPHATE (P2O5)	\$0.24	180		\$43.20					\$43.20
HERBICIDE	\$22.26		X/ACRE	\$22.26					\$22.20
INSECTICIDE PUMP WATER*	\$84.85		X/ACRE AC. IN.	\$84.85					\$84.85
SUBTOTAL				\$668.06					\$668.06
0 .	DOWED								
ST OPERATIO	POWER UNIT	ACCOMPLIS RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	ΤΟΤΑ
DISC	185 HP	0.14	HR		\$1.05	\$3.48	\$1.02	\$2.08	\$7.64
PLOW	185 HP	0.48	HR		\$3.60	\$11.93	\$3.80	\$7.27	\$26.60
DISC	185 HP	0.14	HR		\$1.05	\$3.48	\$1.02	\$2.08	\$7.64
LASER PLANE (CUSTOM)				\$73.33	\$0.00	\$0.00	\$0.00	\$0.00	\$73.33
FERTILIZE	140 HP	0.05	HR		\$0.38	\$0.94	\$0.22	\$0.66	\$2.19
DISC & SPRAY	185 HP	0.17			\$1.28	\$4.23	\$1.36	\$2.99	\$9.8
LISTER	140 HP	0.12			\$0.90	\$2.25	\$0.84	\$2.04	\$6.03
PRE-IRRIGATE		0.75			\$5.63	\$10.24	\$0.29	\$3.65	\$19.81
ROLLING CULT	80 HP	0.13			\$0.98	\$1.90	\$0.61	\$0.82	\$4.30
VEG-PLANT SHAPER	140 HP	0.26			\$1.95	\$4.88	\$1.32	\$9.71	\$17.85
CULT & SIDEDRESS (2X)	80 HP	0.66			\$4.95	\$9.65	\$2.87	\$3.78	\$21.24
ROLLING CULT THIN & HOE (CUSTOM)	80 HP	0.13	нк	\$120.00	\$0.98	\$1.90	\$0.61	\$0.82	\$4.30 \$120.00
ROTO BUCK (9X)	140 HP	0.27	HR	ψ120.00	\$2.03	\$5.06	\$1.19	\$3.98	\$12.25
IRRIGATE (13X)		6.5			\$48.75	\$133.09	\$3.82	\$47.44	\$233.10
SUBTOTAL		9.80	HR	\$193.33	\$73.50	\$193.02	\$18.96	\$87.32	\$566.13
HARVEST OPERATIONS									
ONION KNIVES	80 HP	0.27	HR		\$2.03	\$3.95	\$0.51	\$3.83	\$10.31
HARVEST & HAUL (CUSTOM)				\$902.00					\$902.00
BAG RENTAL				\$82.00					\$82.00
FIELD LOAD (CUSTOM)				\$0.00					\$0.00
PROCESSING (CUSTOM)				\$1,558.00					\$1,558.00
				\$328.00					\$328.00
BROKERAGE (CUSTOM)				\$591.88					\$591.88
SUBTOTAL		0.27	HR	\$3,461.88	\$2.03	\$3.95	\$0.51	\$3.83	\$3,472.18
OVERHEAD EXPENSES									
DOWNTIME		0.6	HR		\$4.50				\$4.50
EMPLOYEE BENEFITS					\$13.59				\$13.59
INSURANCE				\$1.51					\$1.51
LAND TAXES								\$1.88	\$1.88
SUPERVISION AND MANAGEMENT OTHER EXPENSES				\$78.54	\$158.30				\$158.30 \$78.54
SUBTOTAL		0.60	HR	\$80.05	\$176.39			\$1.88	\$258.32
TOTAL OPERATING EXPENSES		10.67	HR	\$4,403.31	\$251.92	\$196.97	\$19.47	\$93.03	\$4,964.70
NET OPERATING PROFIT									\$1,611.70
INTEREST ON OPERATING CAPITAL		(\$675.89	@	5.50%)				\$37.17
INTEREST ON EQUIPMENT INVESTMEN	ΝT								\$19.00
RETURN TO LAND AND RISK									\$1,555.53

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

GROSS RETURN VARIABLE OPERATING EXPENSES	\$4.619.75	\$6,576.40	
RETURN OVER VARIABLE EXPENSES	\$4,619.75	\$1,956.65	(GROSS MARGIN)
FIXED EXPENSES	\$93.03		
NET FARM INCOME		\$1,863.62	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$251.92		
NET OPERATING PROFIT		\$1,611.70	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$56.17		
RETURN TO LAND AND RISK		\$1,555.53	

TABLE 14. Midseason yellow onions, flood-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County,

TOTAL

\$5,641.40 \$5,641.40

bruary 15 15		
PRICE	YIELD	
\$8.42	670.00 SACKS	
	15 PRICE	15 PRICE YIELD

PURCHAS ED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED ANHYDROUS AMMONIA (NH3)	\$150.00 \$0.21	4 LBS 450 LBS	\$600.00 \$94.50					\$600.00 \$94.50
NITROGEN (N) PHOSPHATE (P2O5)	\$0.31 \$0.24	75 LBS 180 LBS	\$23.25 \$43.20					\$23.25 \$43.20
HERBICIDE	\$64.72	1 X/ACRE						\$43.20 \$64.72
INSECTICIDE	\$76.22	1 X/ACRE	• •					\$76.22
PUMP WATER*		48 AC. IN.						
SUBTOTAL			\$901.89					\$901.89
ST OPERATIO	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP							
PLOW	185 HP	0.14 HR 0.48 HR		\$1.05 \$3.60	\$3.48 \$11.93	\$1.02 \$3.80	\$2.08 \$7.27	\$7.64 \$26.60
DISC	185 HP	0.14 HR		\$3.00 \$1.05	\$3.48	\$1.02	\$2.08	\$7.64
LASER PLANE (CUSTOM)			\$73.33	\$0.00	\$0.00	\$0.00	\$0.00	\$73.33
FERTILIZE	140 HP	0.05 HR		\$0.38	\$0.94	\$0.22	\$0.66	\$2.19
DISC & SPRAY	185 HP	0.17 HR		\$1.28	\$4.23	\$1.36	\$2.99	\$9.85
LISTER	126 HP	0.12 HR		\$0.90	\$2.25	\$0.84	\$2.04	\$6.03
PRE-IRRIGATE	00 115	0.75 HR		\$5.63	\$8.78	\$0.25	\$3.13	\$17.78
ROLLING CULT VEG-PLANT SHAPER	80 HP 140 HP	0.13 HR 0.26 HR		\$0.98 \$1.95	\$1.90 \$4.88	\$0.61 \$1.32	\$0.82 \$9.71	\$4.30 \$17.85
CULT & SIDEDRESS (2X)	80 HP	0.66 HR		\$1.95 \$4.95	\$ 9 .65	\$2.87	\$3.78	\$21.24
ROLLING CULT	80 HP	0.13 HR		\$0.98	\$1.90	\$0.61	\$0.82	\$4.30
THIN & HOE (CUSTOM)	••••		\$120.00					\$120.00
ROTO BUCK (9X)	140 HP	0.27 HR		\$2.03	\$5.06	\$1.19	\$3.98	\$12.25
IRRIGATE (13X)		6.5 HR		\$48.75	\$114.08	\$3.28	\$40.66	\$206.76
SUBTOTAL		9.80 HR	\$193.33	\$73.50	\$172.55	\$18.37	\$80.02	\$537.77
HARVEST OPERATIONS								
ONION KNIVES	80 HP	0.27 HR		\$2.03	\$3.95	\$0.51	\$3.83	\$10.31
HARVEST & HAUL (CUSTOM)			\$737.00					\$737.00
BAG RENTAL			\$67.00					\$67.00
FIELD LOAD (CUSTOM)			\$0.00					\$0.00
PROCESSING (CUSTOM)			\$1,273.00 \$268.00					\$1,273.00 \$268.00
CONTAINER CHARGE BROKERAGE (CUSTOM)			\$507.73					\$268.00 \$507.73
SUBTOTAL		0.27 HR	\$2,852.73	\$2.03	\$3.95	\$0.51	\$3.83	\$2,863.03
OVERHEAD EXPENSES								
DOWNTIME		0.6 HR		\$4.50				\$4.50
EMPLOYEE BENEFITS		0.0		\$13.59				\$13.59
INSURANCE			\$1.51					\$1.51
LAND TAXES							\$1.88	\$1.88
SUPERVISION AND MANAGEMENT OTHER EXPENSES			\$78.54	\$178.84				\$178.84 \$78.54
SUBTOTAL		0.60 HR	\$80.05	\$196.94			\$1.88	\$278.87
TOTAL OPERATING EXPENSES		10.67 HR	\$4,027.99	\$272.46	\$176.49	\$18.88	\$85.74	\$4,581.56
NET OPERATING PROFIT								\$1,059.84
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTME	NT	(\$736.77 @	5.50%)				\$40.52 \$18.49
RETURN TO LAND AND RISK								\$1,000.82

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

VARIABLE OPERATING EXPENSES \$4,223.36 RETURN OVER VARIABLE EXPENSES \$1,418.04 (GROSS MARGIN)	
FIXED EXPENSES \$85.74	
NET FARM INCOME \$1,332.30 (RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST \$272.46	
NET OPERATING PROFIT \$1,059.84 (RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS \$59.02	
RETURN TO LAND AND RISK \$1,000.82	

Harvesting dates: August 1 -	nagast to								
ITEM	PRICE	YIELI	D						ΤΟΤΑ
GROSS RETURNS LATE SEASON ONIONS	\$7.57	820.00	SACKS						\$6,207.40
TOTAL									\$6,207.40
PURCHAS				PURCHASED				FIXED	
ED INPUTS	PRICE	QUANT	TTY	INPUTS				COST	TOTA
SEED	\$179.00		LBS	\$716.00					\$716.00
ANHYDROUS AMMONIA (NH3)	\$0.21	400		\$84.00					\$84.00
NITROGEN (N)	\$0.31	75		\$23.25					\$23.2 \$43.2
PHOSPHATE (P2O5) HERBICIDE	\$0.24 \$64.72	180	LBS X/ACRE	\$43.20 \$64.72					\$43.20 \$64.72
INSECTICIDE	\$76.22		X/ACRE	\$76.22					\$76.2
PUMP WATER*	ψr0.22		AC. IN.	<i>ψι</i> 0.22					ψι 0.21
SUBTOTAL				\$1,007.39					\$1,007.39
ST	POWER	ACCOMPLIS	SHMENT	PURCHASED		FUEL &		FIXED	
OPERATIO	UNIT	RATE	E	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTA
DISC	185 HP	0.14	HR		\$1.05	\$3.48	\$1.02	\$2.08	\$7.64
PLOW	185 HP	0.48			\$3.60	\$11.93	\$3.80	\$7.27	\$26.60
DISC	185 HP	0.14			\$1.05	\$3.48	\$1.02	\$2.08	\$7.64
LASER PLANE (CUSTOM)				\$73.33	\$0.00	\$0.00	\$0.00	\$0.00	\$73.3
FERTILIZE	140 HP	0.05			\$0.38	\$0.94	\$0.22	\$0.66	\$2.19
DISC & SPRAY	185 HP	0.17	HR		\$1.28	\$4.23	\$1.36	\$2.99	\$9.8
LISTER	140 HP	0.12			\$0.90	\$2.25	\$0.84	\$2.04	\$6.03
PRE-IRRIGATE		0.75			\$5.63	\$8.78	\$0.25	\$3.13	\$17.78
	80 HP	0.13			\$0.98	\$1.90	\$0.61	\$0.82	\$4.30
	140 HP	0.26 0.66			\$1.95	\$4.88	\$1.32	\$9.71	\$17.85
CULT & SIDEDRESS (2X) ROLLING CULT	80 HP 80 HP	0.66			\$4.95 \$0.98	\$9.65 \$1.90	\$2.87 \$0.61	\$3.78 \$0.82	\$21.24 \$4.30
THIN & HOE (CUSTOM)	00 HF	0.13		\$120.00	40.90	φ1.90	\$0.01	φ0.0 <u>2</u>	\$120.00
ROTO BUCK (9X)	140 HP	0.27	HR	 <i>ψ</i> .20.00	\$2.03	\$5.06	\$1.19	\$3.98	\$12.2
IRRIGATE (13X)		6.5			\$48.75	\$114.08	\$3.28	\$40.66	\$206.76
SUBTOTAL		9.80	HR	\$193.33	\$73.50	\$172.55	\$18.37	\$80.02	\$537.77
HARVEST OPERATIONS									
ONION KNIVES	80 HP	0.27	HR		\$2.03	\$3.95	\$0.51	\$3.83	\$10.31
HARVEST & HAUL (CUSTOM)				\$902.00					\$902.00
BAG RENTAL				\$82.00					\$82.00
FIELD LOAD (CUSTOM)				\$0.00					\$0.00
PROCESSING (CUSTOM) CONTAINER CHARGE				\$1,558.00					\$1,558.0 \$328.0
BROKERAGE (CUSTOM)				\$328.00 \$558.67					\$558.6
SUBTOTAL		0.27	HR	\$3,428.67	\$2.03	\$3.95	\$0.51	\$3.83	\$3,438.9
OVERHEAD EXPENSES									
DOWNTIME		0.6	HR		\$4.50				\$4.50
EMPLOYEE BENEFITS					\$13.59				\$13.5
INSURANCE				\$1.51					\$1.5
LAND TAXES					A 4 A			\$1.88	\$1.88
SUPERVISION AND MANAGEMENT OTHER EXPENSES				\$78.54	\$189.39				\$189.39 \$78.54
SUBTOTAL		0.60	HR	\$80.05	\$207.49			\$1.88	\$289.42
TOTAL OPERATING EXPENSES		10.67	HR	\$4,709.43	\$283.01	\$176.49	\$18.88	\$85.74	\$5,273.5
NET OPERATING PROFIT									\$933.8
INTEREST ON OPERATING CAPITAL		(\$837.52	@	5.50%)				\$46.06

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

RETURN TO LAND AND RISK

GROSS RETURN		\$6,207.40	
VARIABLE OPERATING EXPENSES	\$4,904.80		
RETURN OVER VARIABLE EXPENSES		\$1,302.60	(GROSS MARGIN)
FIXED EXPENSES	\$85.74		
NET FARM INCOME		\$1,216.86	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$283.01		
NET OPERATING PROFIT		\$933.85	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$64.56		
RETURN TO LAND AND RISK		\$869.29	

\$869.29

TABLE 16. Summary of per acre costs and returns for a 640 acre farm with above average management, Deming area, Luna County, Projected 2018

	WHEAT	GRAIN SORGHUM	PICKER COTTON	GREEN CHILE	RED CHILE	SPRING LETTUCE	FALL LETTUCE	FALL ONIONS	MIDSEASON ONIONS	LATE ONIONS
	CWT	CWT	LBS	TONS/LBS	LBS	CARTONS	CARTONS	SACKS	SACKS	SACKS
PRIMARY YIELD	50	70	750	11	4,000	475	500	820	670	820
PRIMARY PRICE	\$4.40	\$6.08	\$0.75	\$475.00	\$0.60	\$6.42	\$6.14	\$8.02	\$8.42	\$7.57
GOVERNMENT PAYMENTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SECOND INCOME	\$0.00	\$0.00	\$117.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSS RETURN	\$220.00	\$425.50	\$679.50	\$5,225.00	\$2,400.00	\$3,049.50	\$3,070.00	\$6,576.40	\$5,641.40	\$6,207.40
CASH OPERATING EXPENSES										
SEED	\$44.00	\$10.56	\$135.90	\$64.00	\$64.00	\$3,024.00	\$3,136.00	\$400.00	\$600.00	\$716.00
FERTILIZER	\$81.00	\$68.10	\$60.00	\$117.60	\$102.90	\$104.00	\$104.00	\$160.95	\$160.95	\$150.45
CHEMICALS		\$45.65	\$26.70	\$31.08	\$31.08	\$92.45	\$111.14	\$107.11	\$140.94	\$140.94
CROP INSURANCE	\$0.74	\$0.53	\$0.18	\$72.58	\$76.22					
OTHER PURCHASED INPUTS										
CANAL WATER	6 / 6 7	A 10 00	A-0 00	• • • • • • •	* ***	• • • • • •	A-A + A	6 -0 0 /		
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$13.53	\$40.08	\$78.02	\$135.76	\$93.13	\$49.05	\$50.18	\$53.64	\$53.64	\$53.64
FUEL-IRRIGATION	\$51.19	\$76.78	\$66.54	\$138.21	\$122.85	\$61.43	\$102.38	\$143.33	\$122.85	\$122.85
REPAIRS	\$5.55	\$13.66	\$15.62	\$46.28	\$31.21	\$16.26	\$17.70	\$19.47	\$18.88	\$18.88
CUSTOM CHARGES LAND TAXES	\$35.50	\$28.30	\$189.20	\$1,252.33 \$1.88	\$970.00	\$1,905.41 \$1.88	\$2,052.31	\$3,655.21	\$3,046.06	\$3,622.00
OTHER EXPENSES	\$1.88 \$78.93	\$1.88 \$79.33	\$1.88 \$79.62	\$1.88 \$80.06	\$1.88 \$80.27	\$1.88 \$79.40	\$1.88 \$79.56	\$1.88 \$80.05	\$1.88 \$80.05	\$1.88 \$80.05
OTHER EXPENSES	\$76.93	\$79.33	\$79.0Z	φου.υo	φo0.27	\$79.40	\$79.50	\$00.05	\$60.05	φ0.05
TOTAL CASH EXPENSES	\$312.31	\$364.87	\$653.67	\$1,939.76	\$1,573.54	\$5,333.89	\$5,655.14	\$4,621.63	\$4,225.25	\$4,906.69
RETURN OVER CASH EXPENSES	(\$92.31)	\$60.63	\$25.83	\$3,285.24	\$826.46	(\$2,284.39)	(\$2,585.14)	\$1,954.77	\$1,416.15	\$1,300.71
FIXED EXPENSES	\$34.10	\$52.84	\$98.04	\$111.73	\$87.36	\$56.78	\$72.26	\$91.15	\$83.85	\$83.85
TOTAL EXPENSES	\$346.40	\$417.71	\$751.71	\$2,051.49	\$1,660.90	\$5,390.66	\$5,727.40	\$4,712.78	\$4,309.10	\$4,990.54
NET FARM INCOME	(\$126.40)	\$7.79	(\$72.21)	\$3,173.51	\$739.10	(\$2,341.16)	(\$2,657.40)	\$1,863.62	\$1,332.30	\$1,216.86
LABOR AND MANAGEMENT COSTS	\$42.17	\$84.47	\$124.47	\$258.07	\$213.23	\$440.30	\$480.22	\$251.92	\$272.46	\$283.01
NET OPERATING PROFIT	(\$168.57)	(\$76.68)	(\$196.68)	\$2,915.44	\$525.87	(\$2,781.47)	(\$3,137.62)	\$1,611.70	\$1,059.84	\$933.85
CAPITAL COSTS										
INTEREST ON OPERATING CAPITAL	\$4.59	\$5.36	\$8.66	\$16.09	\$14.38	\$98.13	\$102.67	\$37.17	\$40.52	\$46.06
INTEREST ON EQUIPMENT INVESTMENT	\$6.59	\$11.91	\$22.74	\$35.95	\$24.37	\$14.87	\$16.23	\$19.00	\$18.49	\$18.49
TOTAL CAPITAL COSTS	\$11.18	\$17.27	\$31.39	\$52.05	\$38.75	\$113.00	\$118.90	\$56.17	\$59.02	\$64.56
RETURN TO LAND AND RISK	(\$179.75)	(\$93.95)	(\$228.08)	\$2,863.39	\$487.12	(\$2,894.47)	(\$3,256.52)	\$1,555.53	\$1,000.82	\$869.29

TABLE 17. Whole farm summary, Deming area, Luna County, Projected 2018

GROSS RETURNS					
WHEAT	68.00	ACRES			
CROP			\$14,960		
DIRECT PAYMENT			\$0		
COUNTER CYCLICAL PAYN		10050	\$0		
GRAIN SORGHUM CROP	93.50	ACRES	\$39,784		
DIRECT PAYMENT			\$35,784 \$0		
COUNTER CYCLICAL PAYN	/ENT		\$0		
UPLAND COTTON	348.50	ACRES	• -		
LINT			\$196,031		
SEED			\$40,775		
DIRECT PAYMENT			\$0		
COUNTER CYCLICAL PAYN GREEN CHILE		ACRES	\$0		
GREEN	40.00	ACICLO	\$209,000		
RED			\$0		
RED CHILE	40.00	ACRES			
CROP			\$96,000		
SPRING LETTUCE	10.00	ACRES			
CROP			\$30,495		
FALL LETTUCE	10.00	ACRES	¢00.700		
CROP FALL ONIONS	10.00	ACRES	\$30,700		
CROP	10.00	ACICLO	\$65,764		
MIDSEASON ONIONS	10.00	ACRES	\$66,164		
CROP			\$56,414		
LATE SEASON ONIONS	10.00	ACRES			
CROP			\$62,074		
				-	<u> </u>
GROSS RETURN					\$841,997
CASH OPERATING EXPENSE	s				
SEED			\$135,221		
FERTILIZER			\$48,409		
CHEMICALS			\$21,986		
CROP INSURANCE			\$6,102		
OTHER PURCHASED INP	JTS		\$0		
CANAL WATER FUEL, OIL & LUBRICANTS			\$0 \$43,614		
FUEL-IRRIGATION			\$49,821		
REPAIRS			\$11,111		
CUSTOM CHARGES			\$302,699		
LAND TAXES			\$1,204		
OTHER EXPENSES			\$50,937		
				\$071.100	
TOTAL CASH EX	PENSES	5		\$671,103	
RETURN OVER CASH EXPER	ISES				\$170,894
					••••••
FIXED EXPENSES			\$53,268		
TOTAL EXPENS	ES			\$724,371	
NET FARM INCOME					\$117,626
					÷···,
LABOR AND MANAGEMENT	COSTS		\$90,275		
					\$07.054
NET OPERATING PROFIT					\$27,351
CAPITAL COSTS					
CAPITAL COSTS INTEREST ON OPERATIN	G CAPIT.	AL	\$8,294		
			\$8,294 \$12,769		
INTEREST ON OPERATIN INTEREST ON EQUIPMEN	IT INVES				
INTEREST ON OPERATIN	IT INVES			\$21,063	
INTEREST ON OPERATIN INTEREST ON EQUIPMEN	IT INVES . COSTS			\$21,063	\$6,288
INTEREST ON OPERATIN INTEREST ON EQUIPMEN TOTAL CAPITAL	IT INVES . COSTS			\$21,063	\$6,288

	RETURN	RETURN ON
LAND VALUE	TO RISK*	INVESTMENT**
\$500 /ACRE	(\$3,312)	3.75%
\$700 /ACRE	(\$7,152)	3.19%
\$900 /ACRE	(\$10,992)	2.77%
\$1,100 /ACRE	(\$14,832)	2.45%
\$1,300 /ACRE	(\$18,672)	2.20%
\$1,500 /ACRE	(\$22,512)	2.00%

* 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)