

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS IV REGION
 ESTIMATED COSTS AND RETURNS PER ACRE (CENTER PIVOT SYSTEM)
 TYPICAL MANAGEMENT, (16 ACRE INCHES APPLIED)

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, FIXED LUB., REP. COSTS	
						PER ACRE	PER ACRE
TANDEM DISC TM	3,41	JAN	1.00	0.165	0.110	0.52	0.78
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.43	0.19
MOLCBOARD 6R TM	2,47	FEB	0.90	0.432	0.288	1.78	2.09
PACKER TM	53	FEB	0.90	0.0	0.276	0.00	0.09
TANDEM DISC TM	3,41	FEB	1.00	0.165	0.110	0.52	0.78
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
LISTER 8R TM	2,55	MAY	1.00	0.172	0.115	0.71	0.75
BED PLANTER 8R TM	3,39	MAY	1.25	0.264	0.176	0.84	1.29
HERB SPR/DISC TM	61	MAY	1.25	0.0	0.196	0.01	0.19
SAND FIGHTER TM	5,51	MAY	1.00	0.118	0.078	0.21	0.32
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.43	0.19
CULTIVATOR 8R TM	4,34	JUNE	1.00	0.129	0.086	0.29	0.48
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.43	0.19
TOTALS				2.445	2.236	8.28	8.28

LAND CHARGE BASED ON LANDLORD'S SHARE 33% OF GROSS LESS 33% OF
 FERTILIZER, HAULING AND 50% OF IRRIGATION FIXED COSTS.

PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS

PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 73 004402 470 0

ANNUAL CAPITAL MONTH 9

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE (CENTER PIVOT SYSTEM)
HIGH LEVEL MGMT., (16 ACRE INCHES APPLIED)

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAIN SORGHUM	CWT.	4.25	60.00	<u>255.00</u>
TOTAL				\$ 255.00
2. VARIABLE COSTS				
PREHARVEST				\$
DEEP BREAK	ACRE	25.00	0.10	2.50
SEED	LBS.	0.45	10.00	4.50
FERT(120-40-0)	ACRE	22.40	1.00	22.40
HERBICIDE	ACRE	3.50	1.00	3.50
INSECTICIDE	ACRE	5.00	1.00	5.00
MACHINERY	ACRE	3.46	1.00	3.46
TRACTORS	ACRE	3.69	1.00	3.69
IRRIGATION MACHINERY	ACRE	35.04	1.00	35.04
LABOR(TRACTOR & MACHINERY)	HOUR	3.50	2.09	7.32
LABOR(IRRIGATION)	HOUR	3.50	0.80	2.80
INTEREST ON OP. CAP.	DOL.	0.10	27.82	<u>2.78</u>
SUBTOTAL, PRE-HARVEST				\$ 92.99
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.30	60.00	18.00
CUSTOM HAUL	CWT.	0.20	60.00	<u>12.00</u>
SUBTOTAL, HARVEST				\$ 30.00
TOTAL VARIABLE COST				\$ 122.99
3. INCOME ABOVE VARIABLE COSTS				\$ 132.01
4. FIXED COSTS				\$
MACHINERY	ACRE	3.03	1.00	3.03
TRACTORS	ACRE	3.53	1.00	3.53
IRRIGATION MACHINERY	ACRE	39.52	1.00	39.52
LAND (NET RENT)	ACRE	54.88	1.00	<u>54.88</u>
TOTAL FIXED COSTS				\$ 100.96
5. TOTAL COSTS				\$ 223.95
6. NET RETURNS				\$ 31.05

LAND CHARGE BASED ON LANDLORD'S SHARE 33% OF GROSS LESS 33% OF
FERTILIZER, HAULING AND 50% OF IRRIGATION FIXED COSTS.

PREPARED BY MARVIN SARTIN, T&E, LUBBOCK, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS IV REGION
 ESTIMATED COSTS AND RETURNS PER ACRE (CENTER PIVOT SYSTEM)
 HIGH LEVEL MGMT., (16 ACRE INCHES APPLIED)

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, LUB., CIL, REP. PER ACRE	FIXED COSTS PER ACRE
TANDEM DISC HLM	3,76	JAN	1.00	0.137	0.092	0.43	0.65
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.43	0.19
MOULDBOARD 6B HLM	2,82	FEB	1.00	0.423	0.282	1.74	2.05
PACKER HLM	88	FEB	1.00	0.0	0.259	0.00	3.08
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
LISTER 8R HLM	2,90	MAR	1.00	0.129	0.086	0.53	0.56
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
BED PLNTR 8R HLM	3,74	MAY	1.25	0.182	0.121	0.57	0.89
HERB SPR/DISCHLM	96	MAY	1.25	0.0	0.107	0.00	0.10
CULTIVATOR 8R HLM	4,69	MAY	1.00	0.109	0.073	0.25	0.41
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.43	0.19
SANDFIGHTER HLM	5,86	MAY	1.00	0.111	0.074	0.20	0.30
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.43	0.19
TOTALS				2.092	1.894	7.14	6.56

LAND CHARGE BASED ON LANDLORD'S SHARE 33% OF GROSS LESS 33% OF
 FERTILIZER, HAULING AND 50% OF IRRIGATION FIXED COSTS.

PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS

PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 73 004401 470 0
 ANNUAL CAPITAL MONTH 9

SOUTHERN PEAS, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
VEGETABLES	CWT.	17.50	13.00	<u>227.50</u>
TOTAL				\$ 227.50
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.40	20.00	8.00
FERT(30-60-0)	ACRE	14.85	1.00	14.85
HERBICIDE	ACRE	5.25	1.00	5.25
MACHINERY	ACRE	3.47	1.00	3.47
TRACTORS	ACRE	4.41	1.00	4.41
IRRIGATION MACHINERY	ACRE	21.90	1.00	21.90
LABOR(TRACTOR & MACHINERY)	HOUR	3.50	2.29	8.00
LABOR(IRRIGATION)	HOUR	3.50	0.50	1.75
INTEREST ON OP. CAP.	DOL.	0.10	17.78	<u>1.78</u>
SUBTOTAL, PRE-HARVEST				\$ 69.41
HARVEST COSTS				\$
CUSTOM COMBINE	ACRE	7.50	1.00	7.50
CUSTOM HAUL	CWT.	0.20	13.00	<u>2.60</u>
SUBTOTAL, HARVEST				\$ 10.10
TOTAL VARIABLE COST				\$ 79.51
3. INCOME ABOVE VARIABLE COSTS				\$ 147.99
4. FIXED COSTS				\$
MACHINERY	ACRE	3.42	1.00	3.42
TRACTORS	ACRE	4.22	1.00	4.22
IRRIGATION MACHINERY	ACRE	24.70	1.00	24.70
LAND (NET RENT)	ACRE	58.12	1.00	<u>58.12</u>
TOTAL FIXED COSTS				\$ 90.46
5. TOTAL COSTS				\$ 169.97
6. NET RETURNS				\$ 57.53

DEEP BREAK EVERY 10 YEARS. LAND CHARGE BASED ON LANDLORD'S SHARE OF GROSS
LESS 33% OF FERTILIZER, HAULING AND 50% OF IRRIGATION FIXED COSTS.
PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS PROJECTED 1977

SOUTHERN PEAS, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL. LUB. PER ACRE	OIL. REP. PER ACRE	FIXED COSTS PER ACRE
TANDEM DISC TM	3.41	JAN	1.00	0.165	0.110	0.52		0.78
MOLDBOARD 68 TM	2.47	FEB	1.00	0.480	0.320	1.98		2.33
PACKER TM	53	FEB	0.90	0.0	0.276	0.00		0.09
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43		0.19
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43		0.19
LISTER 8R TM	2.55	APR	1.00	0.172	0.115	0.71		0.75
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43		0.19
ROLLING CULT TM	4.31	MAY	1.00	0.129	0.086	0.30		0.52
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.43		0.19
BED PLANTER 8R TM	3.39	JUNE	1.00	0.211	0.141	0.67		1.03
HERB SPR/DISC TM	61	JUNE	1.00	0.0	0.157	0.00		0.15
CULTIVATOR 8R TM	4.34	JUNE	1.00	0.129	0.086	0.29		0.48
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.43		0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43		0.19
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.43		0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.43		0.19
TOTALS				2.287	2.091	7.88		7.64

DEEP BREAK EVERY 10 YEARS. LAND CHARGE BASED ON LANDLORD'S SHARE OF GROSS 33% LESS 33% OF FERTILIZER, HAULING AND 50% OF IRRIGATION FIXED COSTS.

PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS

PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 92 004402 470 0

ANNUAL CAPITAL MONTH 9

COW-CALF BUDGET TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER HEAD
300 COW HERD, JAN-FEB-MAR CALVING

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	5.00	CWT.	50.00	0.43	107.50
HEIFER CALVES	4.50	CWT.	40.00	0.31	55.80
CULL COWS	9.00	CWT.	23.00	0.11	<u>22.77</u>
TOTAL					186.07
2. VARIABLE COSTS					
COTTONSEED CAKE		LBS.	0.10	150.00	15.00
HAY		BALE	2.00	4.00	8.00
VET SERVICE		HEAD	4.50	1.00	4.50
RANGE IMPROVMENT		ACRE	0.64	18.00	11.52
SALT & MINERALS		LBS.	0.07	30.00	2.10
MISC EXPENSE		HEAD	3.00	1.00	3.00
MARKETING		HEAD	5.00	1.00	5.00
FENCE REPAIR		HEAD	2.70	1.00	2.70
WATER FACIL REPR		HEAD	1.30	1.00	1.30
BARN REPAIR		HEAD	1.55	1.00	1.55
MACHINERY(FUEL,LUBE,REP)		DOL.			4.09
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.15
LABOR, TRACTOR & MACHINERY		HRS.	3.50	1.20	4.20
LABOR, EQUIPMENT		HRS.	3.50	0.06	0.22
LABOR, LIVESTOCK		HRS.	3.50	6.40	22.40
INTEREST ON OPER.CAP.,		DOL.	0.10	31.45	<u>3.15</u>
TOTAL VARIABLE COSTS					88.88
3. INCOME ABOVE VARIABLE COSTS					97.19
4. FIXED COSTS					
LAND RENT		ACRE	1.75	27.00	47.25
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	323.46	32.35
INT. ON OTHER EQUIPMENT		DOL.	0.10	16.52	1.65
DEPR. ON BEEF BULL PURCH.		DOL.			5.60
DEPR. ON HORSE		DOL.			0.33
DEPR. ON OTHER EQUIP.		DOL.			2.64
OTHER FC, MACH & EQUIP.		DOL.			<u>6.92</u>
TOTAL FIXED COSTS					96.74
5. TOTAL COSTS					185.62
6. NET RETURNS					0.45

NATIVE RANGE, NO CREEP FEED, 86% CALF CROP, 12% REPLACEMENT RATE,
1% DEATH LOSS ON COWS, STOCKING RATE 25 ACRES/COW, 12 SECTION RANCH.
PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS. PROJECTED 1977-78

STOCKER CALF BUDGET TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER HEAD
PURCHASE NOV 1, SELL MARCH 10

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
FEEDER STEERS	6.00	CWT.	47.00	1.00	<u>282.00</u>
TOTAL					282.00
2. VARIABLE COSTS					
STOCKER STEERS		CWT.	47.00	4.00	188.00
DEATH LOSS		HEAD	188.00	0.03	5.64
WHEAT PASTURE		DAYS	0.23	130.00	29.90
HAY		BALE	2.00	4.00	8.00
VET SERVICE		HEAD	3.50	1.00	3.50
SALT & MINERALS		LBS.	0.07	8.00	0.56
MISC EXPENSE		HEAD	2.00	1.00	2.00
HAULING & MKTG		CWT.	0.50	6.00	3.00
FENCE REPAIR		HEAD	0.25	1.00	0.25
MACHINERY(FUEL,LUBE,REP)		DOL.			1.36
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.01
LABOR, TRACTOR & MACHINERY		HRS.	3.50	0.40	1.40
LABOR, EQUIPMENT		HRS.	3.50	0.00	0.01
LABOR, LIVESTOCK		HRS.	3.50	1.50	5.25
INTEREST ON OPER.CAP.,		DOL.	0.10	114.24	<u>11.42</u>
TOTAL VARIABLE COSTS					260.31
3. INCOME ABOVE VARIABLE COSTS					21.69
4. FIXED COSTS					
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	0.27	0.03
INT. ON OTHER EQUIPMENT		DOL.	0.10	0.82	0.08
DEPR. ON HORSE		DOL.			0.03
DEPR. ON OTHER EQUIP.		DOL.			0.16
OTHER FC, MACH & EQUIP.		DOL.			<u>0.62</u>
TOTAL FIXED COSTS					0.93
5. TOTAL COSTS					261.24
6. NET RETURNS					20.76

PRIMARILY GRAZING OF WHEAT PASTURE, STOCKING RATE OF 1 HEAD/ACRE,
130 DAYS GRAZING, 3% DEATH LOSS, HIGH GOOD GRADE.

PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS.

PROJECTED 1977-78

FARROW TO FINISH HOG PRODUCTION HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER SOW

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
SLAUGHTER HOGS	240.00	LBS.	0.42	16.00	<u>1612.80</u>
TOTAL					1612.80
2. VARIABLE COSTS					
SOW FEED GESTATI		CWT.	6.00	10.16	60.96
SOW FEED LACTATI		CWT.	6.00	12.32	73.92
BOAR FEED		CWT.	6.00	0.73	4.38
PIG STARTER		CWT.	8.00	8.00	64.00
FINISHING RATION		CWT.	6.00	106.40	638.40
VET SERVICE		HEAD	1.00	16.00	16.00
SALE COMM		HEAD	1.25	16.00	20.00
MISC EXPENSE		HEAD	1.00	16.00	16.00
MACHINERY(FUEL,LUBE,REP)		DOL.			25.57
EQUIPMENT(FUEL,LUBE,REP)		DOL.			1.95
LABOR, TRACTOR & MACHINERY		HRS.	3.50	7.50	26.25
LABOR, EQUIPMENT		HRS.	3.50	1.50	5.24
LABOR, LIVESTOCK		HRS.	3.50	22.44	78.54
INTEREST ON OPER.CAP.,		DOL.	0.10	381.42	<u>38.14</u>
TOTAL VARIABLE COSTS					1069.35
3. INCOME ABOVE VARIABLE COSTS					543.45
4. FIXED COSTS					
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	131.76	13.18
INT. ON OTHER EQUIPMENT		DOL.	0.10	960.28	96.03
DEPR. ON SOW PURCHASED		DOL.			37.50
DEPR. ON BOAR PURCHASED		DOL.			14.24
DEPR. ON OTHER EQUIP.		DOL.			192.06
OTHER FC, MACH & EQUIP.		DOL.			<u>27.73</u>
TOTAL FIXED COSTS					380.73
5. TOTAL COSTS					1450.08
6. NET RETURNS					162.72

300 SOW UNIT, 16 PIGS WEANED/SOW/YEAR, 16 SOWS/BOAR,
FEED CONVERSION 3.5 TO 1 ON FINISHING FLOOR.
PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS.

PROJECTED 1977-78

FEEDER PIG PRODUCTION, HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER SOW

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
FEEDER PIGS	50.00	LBS.	0.71	17.00	---603.50
TOTAL					603.50
2. VARIABLE COSTS					
SOW FEED GESTATI		CWT.	6.00	10.16	60.96
SOW FEED LACTATI		CWT.	6.00	12.32	73.92
BOAR FEED		CWT.	6.00	0.73	4.38
PIG STARTER		CWT.	8.00	8.50	68.00
VET MED (PIGS)		HEAD	0.50	17.00	8.50
VET MED (SOWS)		HEAD	3.00	1.00	3.00
SALE COMM		HEAD	2.45	17.00	41.65
MISC EXPENSE		HEAD	12.75	1.00	12.75
MACHINERY(FUEL,LUBE,REP)		DOL.			17.39
EQUIPMENT(FUEL,LUBE,REP)		DOL.			1.13
LABOR, TRACTOR & MACHINERY		HRS.	3.50	5.10	17.85
LABOR, EQUIPMENT		HRS.	3.50	1.12	3.91
LABOR, LIVESTOCK		HRS.	3.50	16.61	58.13
INTEREST ON OPER.CAP.,		DOL.	0.10	103.74	---10.37
TOTAL VARIABLE COSTS					381.95
3. INCOME ABOVE VARIABLE COSTS					221.55
4. FIXED COSTS					
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	131.76	13.18
INT. ON OTHER EQUIPMENT		DOL.	0.10	552.18	55.22
DEPR. ON SOW PURCHASED		DOL.			37.50
DEPR. ON BOAR PURCHASED		DOL.			14.24
DEPR. ON OTHER EQUIP.		DOL.			110.44
OTHER FC, MACH & EQUIP.		DOL.			---17.98
TOTAL FIXED COSTS					248.55
5. TOTAL COSTS					630.49
6. NET RETURNS					-26.99

300 SOW UNIT, 17 PIGS WEANED/SOW/YEAR, 16 SOWS/BOAR.
PREPARED BY MARVIN SARTIN, TAEX. LUBBOCK, TEXAS.

PROJECTED 1977-78

FINISHING HOGS, HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER HOG

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
SLAUGHTER HOGS	240.00	LBS.	0.42	1.00	<u>100.80</u>
TOTAL					100.80
2. VARIABLE COSTS					
FINISHING RATION		CWT.	6.00	6.65	39.90
FEEDER PIGS		LBS.	0.71	50.00	35.50
VET MED (PIGS)		HEAD	0.75	1.00	0.75
MARKETING		HEAD	1.00	1.00	1.00
MISC EXPENSE		HEAD	0.75	1.00	0.75
DEATH LOSS=2%		HEAD	35.50	0.02	0.71
MACHINERY(FUEL,LUBE,REP)		DOL.			1.28
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.05
LABOR, TRACTOR & MACHINERY		HRS.	3.50	0.37	1.31
LABOR, EQUIPMENT		HRS.	3.50	0.03	0.11
LABOR, LIVESTOCK		HRS.	3.50	0.50	1.75
INTEREST ON OPER.CAP.,		DOL.	0.10	20.81	<u>2.08</u>
TOTAL VARIABLE COSTS					85.20
3. INCOME ABOVE VARIABLE COSTS					15.60
4. FIXED COSTS					
INT. ON OTHER EQUIPMENT		DOL.	0.10	25.99	2.60
DEPR. ON OTHER EQUIP.		DOL.			5.20
OTHER FC, MACH & EQUIP.		DOL.			<u>0.96</u>
TOTAL FIXED COSTS					8.75
5. TOTAL COSTS					93.95
6. NET RETURNS					6.85

5400FED PER YEAR, 140 FED PER BUNCH, 3.50 POUNDS FEED PER POUND GAIN,
2% DEATH LOSS.

PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS.

PROJECTED 1977-78



COW-CALF PRODUCTION SOUTH TEXAS REGION
ESTIMATED COSTS AND RETURNS PER COW
IMPROVED DRYLAND PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	460.00	LBS.	0.47	0.40	86.48
HEIFER CALVES	440.00	LBS.	0.42	0.30	55.44
CULL COWS	850.00	LBS.	0.24	0.07	<u>14.28</u>
TOTAL					156.20
2. VARIABLE COSTS					
VET MEDICINE		HEAD	2.00	1.00	2.00
SALT & MINERALS		HEAD	7.92	1.00	7.92
RANGE IMPROVEMEN		ACRE	1.00	6.50	6.50
CUSTOM BALING		CWT.	1.30	10.00	13.00
FERT(30-0-0)		LBS.	0.20	30.00	6.00
FENCE REPAIR		HEAD	1.36	1.00	1.36
WATER FACIL REPR		HEAD	1.00	1.00	1.00
MARKETING		HEAD	6.40	1.00	6.40
MISC EXPENSE		HEAD	5.00	1.00	5.00
RANGE CUBES		LBS.	0.09	20.00	1.80
MACHINERY(FUEL,LUBE,REP)		DOL.			11.97
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR, TRACTOR & MACHINERY		HRS.	2.50	3.75	9.38
LABOR, LIVESTOCK		HRS.	2.50	6.00	15.00
INTEREST ON OPER.CAP..		DOL.	0.09	39.03	<u>3.71</u>
TOTAL VARIABLE COSTS					91.39
3. INCOME ABOVE VARIABLE COSTS					64.81
4. FIXED COSTS					
LAND RENT		ACRE	10.00	6.50	65.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	266.22	25.29
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.16
DEPR. ON COW PURCHASED		DOL.			4.13
DEPR. ON BULL PURCHASED		DOL.			1.33
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC, MACH & EQUIP.		DOL.			<u>9.00</u>
TOTAL FIXED COSTS					110.61
5. TOTAL COSTS					202.00
6. NET RETURNS					-45.80

200 COW UNIT, 8 BULLS, 15% REPLACEMENT - 10% RAISED AND 5% PURCHASED,
80% CALF CROP, 6.5 ACRES/CCW, 1000 ACRE RANCH, 3% DEATH LOSS.
PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

COW-CALF PRODUCTION SOUTH TEXAS REGION
ESTIMATED COSTS AND RETURNS PER COW
PARTIALLY IMPROVED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	435.00	LES.	0.47	0.38	77.69
HEIFER CALVES	415.00	LBS.	0.42	0.28	48.80
CULL COWS	800.00	LBS.	0.24	0.07	13.44
DEER LEASE	1.00	ACRE	1.00	12.50	<u>12.50</u>
TOTAL					152.43
2. VARIABLE COSTS					
SALT & MINERALS		HEAD	6.00	1.00	6.00
VET MEDICINE		HEAD	2.00	1.00	2.00
FENCE REPAIR		HEAD	1.90	1.00	1.90
WATER FACIL REPR		HEAD	1.00	1.00	1.00
MARKETING		HEAD	6.08	1.00	6.08
MISO EXPENSE		HEAD	5.00	1.00	5.00
RANGE IMPROVEMEN		ACRE	1.00	2.50	2.50
CUSTOM BALING		CWT.	1.30	5.00	6.50
RANGE CUBES		LBS.	0.09	20.00	1.80
MACHINERY(FUEL,LUBE,REP)		DOL.			14.84
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR, TRACTOR & MACHINERY		HRS.	2.50	4.65	11.62
LABOR, LIVESTOCK		HRS.	2.50	7.50	18.75
INTEREST ON CPER.CAP.,		DOL.	0.09	22.10	<u>2.10</u>
TOTAL VARIABLE COSTS					80.45
3. INCOME ABOVE VARIABLE COSTS					71.98
4. FIXED COSTS					
LAND RENT		ACRE	4.17	15.00	62.50
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	266.22	25.29
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.16
DEPR. ON COW PURCHASED		DCL.			4.13
DEPR. ON BULL PURCHASED		DCL.			1.33
DEPR. ON HORSE		DCL.			0.75
DEPR. ON OTHER EQUIP.		DCL.			3.95
OTHER FC, MACH & EQUIP.		DCL.			<u>10.15</u>
TOTAL FIXED COSTS					109.27
5. TOTAL COSTS					189.72
6. NET RETURNS					-37.29

200 COW UNIT, 8 BULLS, 15% REPLACEMENT - 10% RAISED AND 5% PURCHASED,
76% CALF CROP, 15 ACRES/COW, 3000 ACRE RANCH, 3% DEATH LOSS.
PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

COW-CALF PRODUCTION SOUTH TEXAS REGION
ESTIMATED COSTS AND RETURNS PER CCW
UNIMPROVED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
STEER CALVES	410.00	LBS.	0.47	0.36	69.37
HEIFER CALVES	390.00	LBS.	0.42	0.26	42.59
CULL COWS	800.00	LBS.	0.24	0.07	13.44
DEER LEASE	1.00	ACRE	1.00	25.00	<u>25.00</u>
TOTAL					150.40
2. VARIABLE COSTS					
PEAR BURNING		HEAD	6.50	1.00	6.50
SALT & MINERALS		HEAD	3.00	1.00	3.00
VET MEDICINE		HEAD	2.00	1.00	2.00
FENCE REPAIR		HEAD	2.72	1.00	2.72
WATER FACIL REPR		HEAD	1.00	1.00	1.00
MARKETING		HEAD	5.92	1.00	5.92
MISC EXPENSE		HEAD	5.00	1.00	5.00
MACHINERY(FUEL,LUBE,REP)		DOL.			14.84
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR, TRACTOR & MACHINERY		HRS.	2.50	4.65	11.62
LABOR, LIVESTOCK		HRS.	2.50	9.00	22.50
INTEREST ON OPER.CAP.,		DOL.	0.09	19.47	<u>1.85</u>
TOTAL VARIABLE COSTS					77.31
3. INCOME ABOVE VARIABLE COSTS					73.09
4. FIXED COSTS					
LAND RENT		ACRE	3.00	25.00	75.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	266.22	25.29
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.16
DEPR. ON COW PURCHASED		DOL.			4.13
DEPR. ON BULL PURCHASED		DOL.			1.33
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC. MACH & EQUIP.		DOL.			<u>10.15</u>
TOTAL FIXED COSTS					121.77
5. TOTAL COSTS					199.08
6. NET RETURNS					-48.68

200 COW UNIT, 10 BULLS, 15% REPLACEMENTS - 10% RAISED AND 5% PURCHASED.
72% CALF CROP, 25 ACRES/COW, 5000 ACRE RANCH, 3% DEATH LOSS.
PREPARED BY CECIL PARKER, TAEX, COLLEGE STATION, TEXAS PROJECTED 1977-78

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REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE
ON THE LANDS AND RESOURCES OF THE
UNITED STATES

REPORT TO THE HOUSE OF REPRESENTATIVES
IN SENATE EXECUTIVE SESSION

THE LANDS AND RESOURCES OF THE UNITED STATES
AS OF JANUARY 1, 1900
BY THE COMMISSIONER OF THE GENERAL LAND OFFICE
JAMES H. SMITH

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FEEDER PIG PRODUCTION, HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER SOW

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
FEEDER PIGS	50.00	LBS.	0.71	17.00	<u>603.50</u>
TOTAL					603.50
2. VARIABLE COSTS					
SOW FEED GESTATI		CWT.	6.00	10.16	60.96
SOW FEED LACTATI		CWT.	6.00	12.32	73.92
BOAR FEED		CWT.	6.00	0.73	4.38
PIG STARTER		CWT.	8.00	8.50	68.00
VET MED (PIGS)		HEAD	0.50	17.00	8.50
VET MED (SOWS)		HEAD	3.00	1.00	3.00
SALE COMM		HEAD	2.45	17.00	41.65
MISC EXPENSE		HEAD	12.75	1.00	12.75
MACHINERY(FUEL,LUBE,REP)		DOL.			17.39
EQUIPMENT(FUEL,LUBE,REP)		DOL.			1.13
LABOR, TRACTOR & MACHINERY		HRS.	3.50	5.10	17.85
LABOR, EQUIPMENT		HRS.	3.50	1.12	3.91
LABOR, LIVESTOCK		HRS.	3.50	16.61	58.13
INTEREST ON OPER.CAP.,		DOL.	0.10	103.74	<u>10.37</u>
TOTAL VARIABLE COSTS					381.95
3. INCOME ABOVE VARIABLE COSTS					221.55
4. FIXED COSTS					
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	131.76	13.18
INT. ON OTHER EQUIPMENT		DOL.	0.10	552.18	55.22
DEPR. ON SOW PURCHASED		DOL.			37.50
DEPR. ON BOAR PURCHASED		DOL.			14.24
DEPR. ON OTHER EQUIP.		DOL.			110.44
OTHER FC, MACH & EQUIP.		DOL.			<u>17.98</u>
TOTAL FIXED COSTS					248.55
5. TOTAL COSTS					630.49
6. NET RETURNS					-26.99

300 SOW UNIT, 17 PIGS WEANED/SOW/YEAR, 16 SOWS/BOAR.
PREPARED BY MARVIN SARTIN, TAEX. LUBBOCK, TEXAS.

PROJECTED 1977-78

FARROW TO FINISH HOG PRODUCTION HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER SOW

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
SLAUGHTER HOGS	240.00	LBS.	0.42	16.00	<u>1612.80</u>
TOTAL					1612.80
2. VARIABLE COSTS					
SOW FEED GESTATI		CWT.	6.00	10.16	60.96
SOW FEED LACTATI		CWT.	6.00	12.32	73.92
BOAR FEED		CWT.	6.00	0.73	4.38
PIG STARTER		CWT.	8.00	8.00	64.00
FINISHING RATION		CWT.	6.00	106.40	638.40
VET SERVICE		HEAD	1.00	16.00	16.00
SALE COMM		HEAD	1.25	16.00	20.00
MISC EXPENSE		HEAD	1.00	16.00	16.00
MACHINERY(FUEL,LUBE,REP)		DOL.			25.57
EQUIPMENT(FUEL,LUBE,REP)		DOL.			1.95
LABOR, TRACTOR & MACHINERY		HRS.	3.50	7.50	26.25
LABOR, EQUIPMENT		HRS.	3.50	1.50	5.24
LABOR, LIVESTOCK		HRS.	3.50	22.44	78.54
INTEREST ON OPER.CAP.,		DOL.	0.10	381.42	<u>38.14</u>
TOTAL VARIABLE COSTS					1069.14
3. INCOME ABOVE VARIABLE COSTS					543.45
4. FIXED COSTS					
INT. ON LIVESTOCK CAPITAL		DOL.	0.10	131.76	13.18
INT. ON OTHER EQUIPMENT		DOL.	0.10	960.28	96.03
DEPR. ON SOW PURCHASED		DOL.			37.50
DEPR. ON BOAR PURCHASED		DOL.			14.24
DEPR. ON OTHER EQUIP.		DOL.			192.06
OTHER FC, MACH & EQUIP.		DOL.			<u>27.73</u>
TOTAL FIXED COSTS					380.73
5. TOTAL COSTS					1450.08
6. NET RETURNS					162.72

300 SOW UNIT, 16 PIGS WEANED/SOW/YEAR, 16 SOWS/BOAR,
FEED CONVERSION 3.5 TO 1 ON FINISHING FLOOR.
PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS.

PROJECTED 1977-78

FINISHING HOGS, HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER HOG

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS					
SLAUGHTER HOGS	240.00	LBS.	0.42	1.00	<u>100.80</u>
TOTAL					100.80
2. VARIABLE COSTS					
FINISHING RATION		CWT.	6.00	6.65	39.90
FEEDER PIGS		LBS.	0.71	50.00	35.50
VET MED (PIGS)		HEAD	0.75	1.00	0.75
MARKETING		HEAD	1.00	1.00	1.00
MISC EXPENSE		HEAD	0.75	1.00	0.75
DEATH LOSS=2%		HEAD	35.50	0.02	0.71
MACHINERY(FUEL,LUBE,REP)		DOL.			1.28
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.05
LABOR, TRACTOR & MACHINERY		HRS.	3.50	0.37	1.31
LABOR, EQUIPMENT		HRS.	3.50	0.03	0.11
LABOR, LIVESTOCK		HRS.	3.50	0.50	1.75
INTEREST ON OPER.CAP.,		DOL.	0.10	20.81	<u>2.08</u>
TOTAL VARIABLE COSTS					85.20
3. INCOME ABOVE VARIABLE COSTS					15.60
4. FIXED COSTS					
INT. ON OTHER EQUIPMENT		DOL.	0.10	25.99	2.60
DEPR. ON OTHER EQUIP.		DOL.			5.20
OTHER FC, MACH & EQUIP.		DOL.			<u>0.96</u>
TOTAL FIXED COSTS					8.75
5. TOTAL COSTS					93.95
6. NET RETURNS					6.85

5400FED PER YEAR, 140 FED PER BUNCH, 3.50 POUNDS FEED PER POUND GAIN,
2% DEATH LOSS.

PREPARED BY MARVIN SARTIN, TAEX, LUBBOCK, TEXAS.

PROJECTED 1977-78