ALFALFA, DRYLAND, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	55.00	3.50	192.50
TOTAL				$ 192.50
2. VARIABLE COSTS				
PREHARVEST				$
FERT(0-30-0)	ACRE	6.30	1.00	6.30
MACHINERY	ACRE	2.23	1.00	2.23
TRACTORS	ACRE	0.24	1.00	0.24
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	0.85	2.33
INTEREST ON OP. CAP.	DOL.	0.09	3.19	0.30
SUBTOTAL, PRE-HARVEST				$ 11.40
HARVEST COSTS				$
CUSTOM HARVEST	BALE	0.65	115.00	74.75
SUBTOTAL, HARVEST				$ 74.75
TOTAL VARIABLE COST				$ 86.15
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			24.615
4. FIXED COSTS				$
MACHINERY	ACRE	1.45	1.00	1.45
TRACTORS	ACRE	0.19	1.00	0.19
PRORATED ESTAB. COST	ACRE	48.20	0.17	8.05
LAND (NET RENT)	ACRE	61.45	1.00	61.45
TOTAL FIXED COSTS				$ 71.13
5. TOTAL COSTS				$ 157.28
6. BREAKEVEN PRICE, TOTAL COSTS	TON			44.938

LAND CHARGE USES LANDLORD SHARE OF GROSS (1/3) LESS 1/3 OF FERTILIZER AND HARVEST.
ESTABLISHMENT COSTS PRORATED OVER SIX YEARS. PROJECTED, 1976

ALFALFA, DRYLAND, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
FERT.APPLI,RENTD	3,86	APR	1.00	0.097	0.064	0.24	0.19
PICKUP	10	APR	0.10	0.125	0.100	0.37	0.24
PICKUP	10	MAY	0.10	0.125	0.100	0.37	0.24
PICKUP	10	JUNE	0.10	0.125	0.100	0.37	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.37	0.24
PICKUP	10	AUG	0.10	0.125	0.100	0.37	0.24
PICKUP	10	SEPT	0.10	0.125	0.100	0.37	0.24
TOTALS				0.847	0.664	2.47	1.64

LAND CHARGE USES LANDLORD SHARE OF GROSS (1/3) LESS 1/3 OF FERTILIZER AND HARVEST.
ESTABLISHMENT COSTS PRORATED OVER SIX YEARS. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 81 005001 500 0
ANNUAL CAPITAL MONTH 9

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FRCM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.95	20.00	19.00
FERT(16-20-0)	ACRE	8.56	1.00	8.56
INSECTICIDE	APPL	3.50	3.00	10.50
INSECT. APPLI.	APPL	1.75	3.00	5.25
MACHINERY	ACRE	2.08	1.00	2.08
TRACTORS	ACRE	2.96	1.00	2.96
IRRIGATION MACHINERY	ACRE	3.88	1.00	3.88
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	1.56	4.30
LABOR(IRRIGATION)	HOUR	2.75	0.80	2.20
INTEREST ON OP. CAP.	DOL.	0.09	14.75	1.40
SUBTOTAL, PRE-HARVEST				$ 60.13
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 60.13
3. INCOME ABOVE VARIABLE COSTS				$ -60.13
4. FIXED COSTS				$
MACHINERY	ACRE	1.95	1.00	1.95
TRACTORS	ACRE	2.04	1.00	2.04
IRRIGATION MACHINERY	ACRE	4.92	1.00	4.92
LAND (NET RENT)	ACRE	250.00	0.04	10.00
TOTAL FIXED COSTS				$ 18.91
5. TOTAL COSTS				$ 79.04
6. NET RETURNS				$ -79.04

PROJECTED, 1976

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
CHISEL 13'	2,36	JULY	1.00	0.290	0.193	1.10	0.83
PICKUP	10	JULY	0.10	0.125	0.100	0.37	0.24
TANDEM DISC-13'	2,34	AUG	1.00	0.239	0.159	0.94	0.80
PICKUP	10	AUG	0.10	0.125	0.100	0.37	0.24
FERT.APPLI,RENTD	3,86	SEPT	1.00	0.097	0.064	0.24	0.19
GRAIN DRILL 131C	3,44	SEPT	1.00	0.311	0.208	0.89	0.96
PICKUP	10	SEPT	0.10	0.125	0.100	0.37	0.24
PICKUP	10	OCT	0.10	0.125	0.100	0.37	0.24
PICKUP	10	NOV	0.10	0.125	0.100	0.37	0.24
TOTALS				1.562	1.125	5.04	3.99

PROJECTED, 1976

BUDGET IDENTIFICATICN NUMBER--- 811005102 520 0
ANNUAL CAPITAL MONTH 12

ALFALFA, IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	55.00	6.50	357.50
TOTAL				$ 357.50
2. VARIABLE COSTS				
PREHARVEST				$
FERT(0-46-0)	ACRE	9.66	1.00	9.66
INSECTICIDE	APPL	3.50	3.00	10.50
INSECT. APPLI.	APPL	1.75	3.00	5.25
MACHINERY	ACRE	2.23	1.00	2.23
TRACTORS	ACRE	0.24	1.00	0.24
IRRIGATION MACHINERY	ACRE	34.92	1.00	34.92
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	0.85	2.33
LABOR(IRRIGATION)	HOUR	2.75	7.20	19.80
INTEREST ON OP. CAP.	DOL.	0.09	15.70	1.49
SUBTOTAL, PRE-HARVEST				$ 86.42
HARVEST COSTS				$
CUSTOM HARVEST	BALE	0.48	215.00	103.20
SUBTOTAL, HARVEST				$ 103.20
TOTAL VARIABLE COST				$ 189.62
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			29.172
4. FIXED COSTS				$
MACHINERY	ACRE	1.45	1.00	1.45
TRACTORS	ACRE	0.19	1.00	0.19
IRRIGATION MACHINERY	ACRE	44.28	1.00	44.28
PRORATED ESTAB. COST	ACRE	78.19	0.17	13.06
LAND (NET RENT)	ACRE	80.73	1.00	80.73
TOTAL FIXED COSTS				$ 139.70
5. TOTAL COSTS				$ 329.33
6. BREAKEVEN PRICE, TOTAL COSTS	TON			50.665

LAND CHARGE USES LANDLORD SHARE OF GROSS (1/3) LESS 1/3 FERTILIZER AND HARVEST.
ESTABLISHMENT COSTS PRORATED OVER SIX YEARS. PROJECTED, 1976

ALFALFA, IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
FERT.APPLI,RENTD	3,86	APR	1.00	0.097	0.064	0.24	0.19
PICKUP	10	APR	0.10	0.125	0.100	0.37	0.24
PICKUP	10	MAY	0.10	0.125	0.100	0.37	0.24
PICKUP	10	JUNE	0.10	0.125	0.100	0.37	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.37	0.24
PICKUP	10	AUG	0.10	0.125	0.100	0.37	0.24
PICKUP	10	SEPT	0.10	0.125	0.100	0.37	0.24
TOTALS				0.847	0.664	2.47	1.64

LAND CHARGE USES LANDLORD SHARE OF GROSS (1/3) LESS 1/3 FERTILIZER AND HARVEST.
ESTABLISHMENT COSTS PRORATED OVER SIX YEARS. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 81 005902 520 0
ANNUAL CAPITAL MONTH 9

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$-------
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.95	25.00	23.75
FERT(16-20-0)	ACRE	8.56	1.00	8.56
INSECTICIDE	APPL	3.50	3.00	10.50
INSECT. APPLI.	APPL	1.75	3.00	5.25
HERBICIDE	ACRE	6.00	1.00	6.00
MACHINERY	ACRE	2.44	1.00	2.44
TRACTORS	ACRE	5.53	1.00	5.53
IRRIGATION MACHINERY	ACRE	3.88	1.00	3.88
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	2.33	6.40
LABOR(IRRIGATION)	HOUR	2.75	0.80	2.20
INTEREST ON OP. CAP.	DOL.	0.09	18.99	1.80
SUBTOTAL, PRE-HARVEST				$ 76.31
HARVEST COSTS				$-------
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 76.31
3. INCOME ABOVE VARIABLE COSTS				$ -76.31
4. FIXED COSTS				$
MACHINERY	ACRE	3.71	1.00	3.71
TRACTORS	ACRE	3.84	1.00	3.84
IRRIGATION MACHINERY	ACRE	4.92	1.00	4.92
LAND (NET RENT)	ACRE	250.00	0.04	10.00
TOTAL FIXED COSTS				$ 22.47
5. TOTAL COSTS				$ 98.79
6. NET RETURNS				$ -98.79

PROJECTED, 1976

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
MOLDBOARD 5 BTM.	1,39	JULY	0.75	0.424	0.283	2.04	1.65
PICKUP	10	JULY	0.10	0.125	0.100	0.37	0.24
OFFSET DISC	1,59	AUG	1.00	0.239	0.159	1.09	0.94
SPRAYER HERBICID	60	AUG	1.00	0.0	0.220	0.06	0.20
FLOAT	3,55	AUG	1.00	0.684	0.456	1.76	2.43
PICKUP	10	AUG	0.10	0.125	0.100	0.37	0.24
FERT.APPLI,RENTD	1,86	SEPT	1.00	0.097	0.064	0.40	0.26
GRAIN DRILL 16'8	3,45	SEPT	1.00	0.257	0.172	0.76	0.87
PICKUP	10	SEPT	0.10	0.125	0.100	0.37	0.24
PICKUP	10	OCT	0.10	0.125	0.100	0.37	0.24
PICKUP	10	NOV	0.10	0.125	0.100	0.37	0.24
TOTALS				2.326	1.855	7.97	7.55

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 811005101 520 0
ANNUAL CAPITAL MONTH 12

ALFALFA, IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	55.00	8.00	440.00
TOTAL				$ 440.00
2. VARIABLE COSTS				$
PREHARVEST				
FERT(0-92-0)	ACRE	19.32	1.00	19.32
INSECTICIDE	APPL	3.50	3.00	10.50
INSECT. APPLI.	APPL	1.75	3.00	5.25
MACHINERY	ACRE	2.23	1.00	2.23
TRACTORS	ACRE	0.24	1.00	0.24
IRRIGATION MACHINERY	ACRE	34.92	1.00	34.92
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	0.85	2.33
LABOR(IRRIGATION)	HOUR	2.75	7.20	19.80
INTEREST ON OP. CAP.	DOL.	0.09	19.73	1.87
SUBTOTAL, PRE-HARVEST				$ 96.46
HARVEST COSTS				$
CUSTOM HARVEST	BALE	0.65	264.00	171.60
SUBTOTAL, HARVEST				$ 171.60
TOTAL VARIABLE COST				$ 268.06
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			33.508
4. FIXED COSTS				$
MACHINERY	ACRE	1.45	1.00	1.45
TRACTORS	ACRE	0.19	1.00	0.19
IRRIGATION MACHINERY	ACRE	44.28	1.00	44.28
PRORATED ESTAB. COST	ACRE	97.94	0.13	12.24
LAND (NET RENT)	ACRE	82.20	1.00	82.20
TOTAL FIXED COSTS				$ 140.35
5. TOTAL COSTS				$ 408.42
6. BREAKEVEN PRICE, TOTAL COSTS	TON			51.052

LAND CHARGE USES LANDLORD SHARE OF GROSS (1/3) LESS 1/3 OF FERTILIZER AND HARVEST.
ESTABLISHMENT COSTS PRORATED OVER EIGHT YEARS. PROJECTED, 1976

ALFALFA, IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
FERT.APPLI, RENTD	3,86	APR	1.00	0.097	0.064	0.24	0.19
PICKUP	10	APR	0.10	0.125	0.100	0.37	0.24
PICKUP	10	MAY	0.10	0.125	0.100	0.37	0.24
PICKUP	10	JUNE	0.10	0.125	0.100	0.37	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.37	0.24
PICKUP	10	AUG	0.10	0.125	0.100	0.37	0.24
PICKUP	10	SEPT	0.10	0.125	0.100	0.37	0.24
TOTALS				0.847	0.664	2.47	1.64

LAND CHARGE USES LANDLORD SHARE OF GROSS (1/3) LESS 1/3 OF FERTILIZER AND HARVEST.
ESTABLISHMENT COSTS PRORATED OVER EIGHT YEARS. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 81 005901 520 0
ANNUAL CAPITAL MONTH 9

COASTAL BERMUDAGRASS ESTAB., IRRIGATED, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$-------
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
CUSTOM SPRIGGING	ACRE	22.50	1.00	22.50
FERT(16-20-0)	ACRE	8.56	1.00	8.56
HERBICIDE	ACRE	3.90	1.00	3.90
MACHINERY	ACRE	2.03	1.00	2.03
TRACTORS	ACRE	1.91	1.00	1.91
IRRIGATION MACHINERY	ACRE	7.76	1.00	7.76
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	1.25	3.44
LABOR(IRRIGATION)	HOUR	2.75	1.60	4.40
INTEREST ON OP. CAP.	DOL.	0.09	28.81	2.74
SUBTOTAL, PRE-HARVEST				$ 57.23
HARVEST COSTS				$-------
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 57.23
3. INCOME ABOVE VARIABLE COSTS				$ -57.23
4. FIXED COSTS				$
MACHINERY	ACRE	1.78	1.00	1.78
TRACTORS	ACRE	1.33	1.00	1.33
IRRIGATION MACHINERY	ACRE	9.84	1.00	9.84
LAND (NET RENT)	ACRE	250.00	0.04	10.00
TOTAL FIXED COSTS				$ 22.95
5. TOTAL COSTS				$ 80.19
6. NET RETURNS				$ -80.19

PROJECTED, 1976