ALFALFA ESTABLISHMENT, FLOOD IRRIGATED, TEXAS TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
EL PASO VALLEY

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
MOLDBOARD PLOW	4,30	AUG	1.00	0.649	0.432	2.96	2.51
TANDEM DISK	4,36	AUG	1.00	0.276	0.184	1.12	0.96
FERT. SPREADER	64	AUG	1.00	0.0	0.184	0.0	0.0
FLOAT	4,38	AUG	1.00	0.414	0.276	1.63	1.40
BORDER DISK	4,76	AUG	1.00	0.065	0.043	0.24	0.19
PICKUP	10	AUG	0.10	0.125	0.100	0.24	0.16
GRAIN DRILL	4,60	SEPT	1.00	0.307	0.205	1.66	1.37
PICKUP	10	SEPT	0.10	0.125	0.100	0.24	0.16
PICKUP	10	OCT	0.10	0.125	0.100	0.24	0.16
PICKUP	10	NOV	0.10	0.125	0.100	0.24	0.16
PICKUP	10	DEC	0.10	0.125	0.100	0.24	0.16
TOTALS				2.336	1.825	8.82	7.22

WATER CHARGE INCLUDED IN VARIABLE IRRIGATION MACH. COSTS.

PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 811008601 840 0
ANNUAL CAPITAL MONTH 12

ALFALFA, FLOOD IRRIGATED, TEXAS TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
EL PASO VALLEY

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	70.00	8.50	595.00
TOTAL				$ 595.00
2. VARIABLE COSTS				
PREHARVEST				$
PHOSPHATE	LBS.	0.18	80.00	14.40
INSECTICIDE	APPL	6.50	1.00	6.50
MACHINERY	ACRE	2.17	1.00	2.17
TRACTORS	ACRE	0.95	1.00	0.95
IRRIGATION MACHINERY	ACRE	71.00	1.00	71.00
LABOR(TRACTOR & MACHINERY)	HOUR	5.00	1.40	7.01
LABOR(IRRIGATION)	HOUR	5.00	14.20	71.00
INTEREST ON OP. CAP.	DOL.	0.09	45.58	4.10
SUBTOTAL, PRE-HARVEST				$ 177.12
HARVEST COSTS				$
CUSTOM HARV&HAUL	TON	22.00	8.50	187.00
SUBTOTAL, HARVEST				$ 187.00
TOTAL VARIABLE COST				$ 364.12
3. INCOME ABOVE VARIABLE COSTS				$ 230.88
4. FIXED COSTS				$
MACHINERY	ACRE	1.43	1.00	1.43
TRACTORS	ACRE	0.70	1.00	0.70
IRRIGATION MACHINERY	ACRE	35.50	1.00	35.50
PRORATED ESTAB. COST	ACRE	200.49	0.20	40.10
LAND (NET RENT)	ACRE	1000.00	0.08	80.00
TOTAL FIXED COSTS				$ 157.73
5. TOTAL COSTS				$ 521.85
6. NET RETURNS				$ 73.15

ESTABLISHMENT COST PRORATED OVER 5 YEARS. WATER CHARGE INCLUDED IN VAR. IRRIG. MACH. COST.

PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS   PROJECTED 1978

ALFALFA, FLOOD IRRIGATED, TEXAS TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
EL PASO VALLEY

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
FERT. SPREADER	4,64	MAR	1.00	0.276	0.184	0.95	0.70
PICKUP	10	MAR	0.10	0.125	0.100	0.24	0.16
PICKUP	10	APR	0.10	0.125	0.100	0.24	0.16
PICKUP	10	MAY	0.10	0.125	0.100	0.24	0.16
PICKUP	10	JUNE	0.10	0.125	0.100	0.24	0.16
PICKUP	10	JULY	0.10	0.125	0.100	0.24	0.16
PICKUP	10	AUG	0.10	0.125	0.100	0.24	0.16
PICKUP	10	SEPT	0.10	0.125	0.100	0.24	0.16
PICKUP	10	OCT	0.10	0.125	0.100	0.24	0.16
PICKUP	10	NOV	0.10	0.125	0.100	0.24	0.16
TOTALS				1.401	1.084	3.11	2.14

ESTABLISHMENT COST PRORATED OVER 5 YEARS. WATER CHARGE INCLUDED IN VAR. IRRIG. MACH. COST.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS   PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 81 008901 840 0
ANNUAL CAPITAL MONTH 12

WINTER BARLEY, FURROW IRRIGATED, TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
PECOS VALLEY

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
BARLEY	BU.	1.75	65.00	113.75
GRAZING	AUMS	15.00	2.50	37.50
TOTAL				$ 151.25
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.12	60.00	7.20
NITROGEN	LBS.	0.11	100.00	11.00
INSECTICIDE	APPL	6.50	1.00	6.50
MACHINERY	ACRE	5.12	1.00	5.12
TRACTORS	ACRE	6.80	1.00	6.80
IRRIGATION MACHINERY	ACRE	80.00	1.00	80.00
LABOR(TRACTOR & MACHINERY)	HOUR	5.00	3.24	16.18
LABOR(IRRIGATION)	HOUR	5.00	16.00	80.00
INTEREST ON OP. CAP.	DOL.	0.09	51.49	4.63
SUBTOTAL, PRE-HARVEST				$ 217.44
HARVEST COSTS				$
CUSTOM COMBINE	ACRE	15.00	1.00	15.00
CUSTOM HAUL	BU.	0.09	65.00	5.85
SUBTOTAL, HARVEST				$ 20.85
TOTAL VARIABLE COST				$ 238.29
3. INCOME ABOVE VARIABLE COSTS				$ -87.04
4. FIXED COSTS				$
MACHINERY	ACRE	4.74	1.00	4.74
TRACTORS	ACRE	5.06	1.00	5.06
IRRIGATION MACHINERY	ACRE	32.00	1.00	32.00
LAND (NET RENT)	ACRE	200.00	0.08	16.00
TOTAL FIXED COSTS				$ 57.80
5. TOTAL COSTS				$ 296.09
6. NET RETURNS				$-144.84

1977-1978 CROP
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS   PROJECTED 1978

WINTER BARLEY, FURROW IRRIGATED, TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
PECOS VALLEY

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
MOLDBOARD PLOW	4,30	AUG	0.33	0.214	0.143	0.98	0.83
CHISEL	4,32	AUG	0.67	0.177	0.118	0.72	0.61
OFFSET DISC	4,34	AUG	0.67	0.171	0.114	0.80	0.75
TANDEM DISK	4,36	AUG	1.00	0.276	0.184	1.12	0.96
FERT. INJECTOR	62	AUG	1.00	0.0	0.172	0.57	0.54
FLOAT	4,38	AUG	1.00	0.414	0.276	1.63	1.40
LISTER	4,41	AUG	1.00	0.231	0.154	1.06	0.97
MULCHER	4,47	AUG	1.00	0.196	0.131	0.97	0.79
PICKUP	10	AUG	0.10	0.125	0.100	0.24	0.16
GRAIN DRILL	4,60	SEPT	1.00	0.307	0.205	1.66	1.37
PICKUP	10	SEPT	0.10	0.125	0.100	0.24	0.16
PICKUP	10	OCT	0.10	0.125	0.100	0.24	0.16
PICKUP	10	NOV	0.10	0.125	0.100	0.24	0.16
PICKUP	10	DEC	0.10	0.125	0.100	0.24	0.16
PICKUP	10	JAN	0.10	0.125	0.100	0.24	0.16
PICKUP	10	FEB	0.10	0.125	0.100	0.24	0.16
PICKUP	10	MAR	0.10	0.125	0.100	0.24	0.16
PICKUP	10	APR	0.10	0.125	0.100	0.24	0.16
PICKUP	10	MAY	0.10	0.125	0.100	0.24	0.16
TOTALS				3.236	2.497	11.92	9.80

1977-1978 CROP
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS   PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 71 008902 860 0
ANNUAL CAPITAL MONTH 5

SPRING BARLEY, FLOOD IRRIGATED, TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
EL PASO VALLEY

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
BARLEY	BU.	1.75	85.00	148.75
TOTAL				$ 148.75
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.12	120.00	14.40
NITROGEN	LBS.	0.11	200.00	22.00
INSECTICIDE	APPL	6.50	1.00	6.50
MACHINERY	ACRE	4.14	1.00	4.14
TRACTORS	ACRE	5.89	1.00	5.89
IRRIGATION MACHINERY	ACRE	29.00	1.00	29.00
LABOR(TRACTOR & MACHINERY)	HOUR	5.00	2.59	12.97
LABOR(IRRIGATION)	HOUR	5.00	5.80	29.00
INTEREST ON OP. CAP.	DOL.	0.09	27.45	2.47
SUBTOTAL, PRE-HARVEST				$ 126.37
HARVEST COSTS				$
CUSTOM COMBINE	ACRE	15.00	1.00	15.00
CUSTOM HAUL	BU.	0.09	85.00	7.65
SUBTOTAL, HARVEST				$ 22.65
TOTAL VARIABLE COST				$ 149.02
3. INCOME ABOVE VARIABLE COSTS				$ -0.27
4. FIXED COSTS				$
MACHINERY	ACRE	3.85	1.00	3.85
TRACTORS	ACRE	4.38	1.00	4.38
IRRIGATION MACHINERY	ACRE	14.50	1.00	14.50
LAND (NET RENT)	ACRE	1000.00	0.08	80.00
TOTAL FIXED COSTS				$ 102.73
5. TOTAL COSTS				$ 251.75
6. NET RETURNS				$-103.00

WATER CHARGE INCL. IN VAR. IRRIG. MACH. COST.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

SPRING BARLEY, FLOOD IRRIGATED, TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
EL PASO VALLEY

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
MOLDBOARD PLOW	4,30	DEC	0.33	0.214	0.143	0.98	0.83
CHISEL	4,32	DEC	0.67	0.177	0.118	0.72	0.61
OFFSET DISC	4,34	DEC	0.67	0.171	0.114	0.80	0.75
TANDEM DISK	4,36	DEC	1.00	0.276	0.184	1.12	0.96
FERT. INJECTOR	62	DEC	1.00	0.0	0.172	0.57	0.54
FLOAT	4,38	DEC	0.67	0.277	0.185	1.09	0.94
LAND PLANE	4,39	DEC	0.33	0.232	0.154	1.16	0.94
BORDER DISK	4,76	DEC	1.00	0.065	0.043	0.24	0.19
PICKUP	10	DEC	0.10	0.125	0.100	0.24	0.16
GRAIN DRILL	4,60	JAN	1.00	0.307	0.205	1.66	1.37
PICKUP	10	JAN	0.10	0.125	0.100	0.24	0.16
PICKUP	10	FEB	0.10	0.125	0.100	0.24	0.16
PICKUP	10	MAR	0.10	0.125	0.100	0.24	0.16
PICKUP	10	APR	0.10	0.125	0.100	0.24	0.16
PICKUP	10	MAY	0.10	0.125	0.100	0.24	0.16
PICKUP	10	JUNE	0.10	0.125	0.100	0.24	0.16
TOTALS				2.594	2.018	10.03	8.23

WATER CHARGE INCL. IN VAR. IRRIG. MACH. COST.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 889008902 840 0
ANNUAL CAPITAL MONTH 6

SPRING BARLEY, FURROW IRRIGATED, TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
PECOS VALLEY

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
BARLEY	BU.	1.75	85.00	148.75
TOTAL				$ 148.75
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.12	120.00	14.40
NITROGEN	LBS.	0.11	200.00	22.00
INSECTICIDE	APPL	6.50	1.00	6.50
MACHINERY	ACRE	4.40	1.00	4.40
TRACTORS	ACRE	6.80	1.00	6.80
IRRIGATION MACHINERY	ACRE	70.00	1.00	70.00
LABOR(TRACTOR & MACHINERY)	HOUR	5.00	2.86	14.31
LABOR(IRRIGATION)	HOUR	5.00	14.00	70.00
INTEREST ON OP. CAP.	DOL.	0.09	37.12	3.34
SUBTOTAL, PRE-HARVEST				$ 211.75
HARVEST COSTS				$
CUSTOM COMBINE	ACRE	15.00	1.00	15.00
CUSTOM HAUL	BU.	0.09	85.00	7.65
SUBTOTAL, HARVEST				$ 22.65
TOTAL VARIABLE COST				$ 234.40
3. INCOME ABOVE VARIABLE COSTS				$ -85.65
4. FIXED COSTS				$
MACHINERY	ACRE	4.26	1.00	4.26
TRACTORS	ACRE	5.06	1.00	5.06
IRRIGATION MACHINERY	ACRE	28.00	1.00	28.00
LAND (NET RENT)	ACRE	200.00	0.08	16.00
TOTAL FIXED COSTS				$ 53.32
5. TOTAL COSTS				$ 287.73
6. NET RETURNS				$-138.98

PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS   PROJECTED 1978

SPRING BARLEY, FURROW IRRIGATED, TRANS-PECOS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
PECOS VALLEY

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
MOLDBOARD PLOW	4,30	DEC	0.33	0.214	0.143	0.98	0.83
CHISEL	4,32	DEC	0.67	0.177	0.118	0.72	0.61
OFFSET DISC	4,34	DEC	0.67	0.171	0.114	0.80	0.75
TANDEM DISK	4,36	DEC	1.00	0.276	0.184	1.12	0.96
FERT. INJECTOR	62	DEC	1.00	0.0	0.172	0.57	0.54
FLOAT	4,38	DEC	1.00	0.414	0.276	1.63	1.40
LISTER	4,41	DEC	1.00	0.231	0.154	1.06	0.97
MULCHER	4,47	DEC	1.00	0.196	0.131	0.97	0.79
PICKUP	10	DEC	0.10	0.125	0.100	0.24	0.16
GRAIN DRILL	4,60	JAN	1.00	0.307	0.205	1.66	1.37
PICKUP	10	JAN	0.10	0.125	0.100	0.24	0.16
PICKUP	10	FEB	0.10	0.125	0.100	0.24	0.16
PICKUP	10	MAR	0.10	0.125	0.100	0.24	0.16
PICKUP	10	APR	0.10	0.125	0.100	0.24	0.16
PICKUP	10	MAY	0.10	0.125	0.100	0.24	0.16
PICKUP	10	JUNE	0.10	0.125	0.100	0.24	0.16
TOTALS				2.861	2.197	11.20	9.32

PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 889008901 860 0
ANNUAL CAPITAL MONTH 6