

ALFALFA, IRRIGATED, TEXAS EL PASO 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	<u>440.00</u>
TOTAL				\$ 440.00
2. VARIABLE COSTS				\$
PREHARVEST				
FERT(0-100-0)	ACRE	18.00	1.00	18.00
FERTILIZER APPLT	ACRE	1.30	1.00	1.30
OTHER IRIG LABOR	HOUR	2.50	3.00	7.50
WATER CHARGE	ACRE	28.00	1.00	28.00
DISTRI SYSTM COS	ACRE	10.00	1.00	10.00
MACHINERY	ACRE	2.90	1.00	2.90
IRRIGATION MACHINERY	ACRE	9.42	1.00	9.42
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	1.12	2.81
LABOR(IRRIGATION)	HOUR	2.50	1.20	3.00
INTEREST ON OP. CAP.	DOL.	0.09	42.62	<u>4.05</u>
SUBTOTAL, PRE-HARVEST				\$ 86.98
HARVEST COSTS				\$
BALER WIRE	TON	4.50	8.00	36.00
CUSTOM HAULING	TON	7.00	8.00	56.00
MACHINERY	ACRE	18.94	1.00	18.94
TRACTORS	ACRE	11.62	1.00	11.62
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	4.01	<u>10.03</u>
SUBTOTAL, HARVEST				\$ 132.59
TOTAL VARIABLE COST				\$ 219.57
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			27.446
4. FIXED COSTS				\$
MACHINERY	ACRE	24.70	1.00	24.70
TRACTORS	ACRE	6.62	1.00	6.62
IRRIGATION MACHINERY	ACRE	7.44	1.00	7.44
PRORATED ESTAB. COST	ACRE	218.39	0.25	54.60
LAND (NET RENT)	ACRE	800.00	0.08	<u>62.40</u>
TOTAL FIXED COSTS				\$ 155.76
5. TOTAL COSTS				\$ 375.33
6. BREAKEVEN PRICE, TOTAL COSTS	TON			46.916

ESTABLISHMENT COST PRORATED OVER FOUR YEARS. CUBING COSTS APPROX.
THE SAME AS BALING COSTS PER TON.

PROJECTED, 1976

ALFALFA, IRRIGATED, TEXAS EL PASO 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
PICKUP	10	MAR	0.10	0.125	0.100	0.32	0.21
SWATHER S.P.	21	APR	1.00	0.177	0.142	1.84	1.99
BALER	1,63	APR	1.00	0.396	0.293	2.53	2.21
PICKUP	10	APR	0.10	0.125	0.100	0.32	0.21
SWATHER S.P.	21	MAY	1.00	0.177	0.142	1.84	1.99
BALER	1,63	MAY	1.00	0.396	0.293	2.53	2.21
PICKUP	10	MAY	0.10	0.125	0.100	0.32	0.21
SWATHER S.P.	21	JUNE	1.00	0.177	0.142	1.84	1.99
BALER	1,63	JUNE	1.00	0.396	0.293	2.53	2.21
PICKUP	10	JUNE	0.10	0.125	0.100	0.32	0.21
SWATHER S.P.	21	JULY	1.00	0.177	0.142	1.84	1.99
BALER	1,63	JULY	1.00	0.396	0.293	2.53	2.21
PICKUP	10	JULY	0.10	0.125	0.100	0.32	0.21
SWATHER S.P.	21	AUG	1.00	0.177	0.142	1.84	1.99
BALER	1,63	AUG	1.00	0.396	0.293	2.53	2.21
PICKUP	10	AUG	0.10	0.125	0.100	0.32	0.21
SWATHER S.P.	21	SEPT	1.00	0.177	0.142	1.84	1.99
BALER	1,63	SEPT	1.00	0.396	0.293	2.53	2.21
PICKUP	10	SEPT	0.10	0.125	0.100	0.32	0.21
PICKUP	10	OCT	0.10	0.125	0.100	0.32	0.21
SWATHER S.P.	21	NOV	1.00	0.177	0.142	1.84	1.99
BALER	1,63	NOV	1.00	0.396	0.293	2.53	2.21
PICKUP	10	NOV	0.10	0.125	0.100	0.32	0.21
TOTALS				5.136	3.944	33.46	31.32

ESTABLISHMENT COST PRORATED OVER FOUR YEARS. CUBING COSTS APPROX.
THE SAME AS BALING COSTS PER TON.

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 81 007201 750 0
ANNUAL CAPITAL MONTH 11

BARLEY, IRRIGATED, TEXAS EL PASO REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAZING	LBN	0.15	175.00	26.25
BARLEY	CWT.	4.16	31.20	<u>129.79</u>
TOTAL				\$ 156.04
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	CWT.	12.00	1.00	12.00
FERT(100-0-0)	ACRE	21.00	1.00	21.00
FERTILIZER APPLI	ACRE	1.30	1.00	1.30
OTHER IRIG LABOR	HR	2.50	1.50	3.75
WATER CHARGE	ACRE	28.00	1.00	28.00
DISTR SYSTM COS	ACRE	10.00	1.00	10.00
MACHINERY	ACRE	3.80	1.00	3.80
TRACTORS	ACRE	6.10	1.00	6.10
IRRIGATION MACHINERY	ACRE	9.42	1.00	9.42
LABOR(TRACTOR & MACHINERY)	HR	2.50	3.48	8.70
LABOR(IRRIGATION)	HR	2.50	1.20	3.00
INTEREST ON OP. CAP.	DOL.	0.09	40.14	<u>3.81</u>
SUBTOTAL, PRE-HARVEST				\$ 110.88
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.40	31.20	12.48
CUSTOM HAUL	CWT.	0.17	31.20	<u>5.30</u>
SUBTOTAL, HARVEST				\$ 17.78
TOTAL VARIABLE COST				\$ 128.66
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			4.124
4. FIXED COSTS				\$
MACHINERY	ACRE	4.66	1.00	4.66
TRACTORS	ACRE	2.80	1.00	2.80
IRRIGATION MACHINERY	ACRE	7.44	1.00	7.44
LAND (NET RENT)	ACRE	800.00	0.08	<u>64.00</u>
TOTAL FIXED COSTS				\$ 78.90
5. TOTAL COSTS				\$ 207.56
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			6.653

LAND AND WATER CHARGE BASED ON SINGLE CROPPING.
* 1975-1976 CROP.

PROJECTED, 1976

BARLEY, IRRIGATED, TEXAS EL PASO 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
PICKUP	10	JUNE	0.10	0.125	0.100	0.32	0.21
PICKUP	10	OCT	0.10	0.125	0.100	0.32	0.21
SHREDER -	2,32	NOV	1.00	0.477	0.354	1.38	0.78
OFFSET DISC	2,34	NOV	2.00	0.621	0.460	1.84	1.24
FLOAT	2,37	NOV	2.00	0.924	0.684	2.85	2.29
BORDER DISC	2,47	NOV	1.00	0.057	0.042	0.16	0.09
GRAIN DRILL	4,53	NOV	1.00	0.276	0.205	0.76	1.12
PICKUP	10	NOV	0.10	0.125	0.100	0.32	0.21
PICKUP	10	DEC	0.10	0.125	0.100	0.32	0.21
PICKUP	10	JAN	0.10	0.125	0.100	0.32	0.21
PICKUP	10	FEB	0.10	0.125	0.100	0.32	0.21
PICKUP	10	MAR	0.10	0.125	0.100	0.32	0.21
PICKUP	10	APR	0.10	0.125	0.100	0.32	0.21
PICKUP	10	MAY	0.10	0.125	0.100	0.32	0.21
TOTALS				3.480	2.644	9.90	7.46

LAND AND WATER CHARGE BASED ON SINGLE CROPPING.
* 1975-1976 CROP.

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 71 007202 750 0
ANNUAL CAPITAL MONTH 5

BARLEY, IRRIGATED, TEXAS EL PASO REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAZING	LBN	0.15	250.00	37.50
BARLEY	CWT.	4.16	45.00	<u>187.20</u>
TOTAL				\$ 224.70
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	CWT.	12.00	1.00	12.00
FERT(150-0-0)	ACRE	31.50	1.00	31.50
FERTILIZER APPLI	ACRE	1.30	2.00	2.60
OTHER IRIG LABOR	HR	2.50	1.50	3.75
WATER CHARGE	ACRE	28.00	1.00	28.00
DISTR SYSTM COS	ACRE	10.00	1.00	10.00
MACHINERY	ACRE	3.92	1.00	3.92
TRACTORS	ACRE	7.48	1.00	7.48
IRRIGATION MACHINERY	ACRE	9.42	1.00	9.42
LABOR(TRACTOR & MACHINERY)	HR	2.50	3.07	7.67
LABOR(IRRIGATION)	HR	2.50	1.20	3.00
INTEREST ON OP. CAP.	DOL.	0.09	44.32	<u>4.21</u>
SUBTOTAL, PRE-HARVEST				\$ 123.55
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.40	45.00	18.00
CUSTOM HAUL	CWT.	0.15	45.00	<u>6.75</u>
SUBTOTAL, HARVEST				\$ 24.75
TOTAL VARIABLE COST				\$ 148.30
3. BREAK-EVEN PRICE, VARIABLE COSTS	CWT.			3.295
4. FIXED COSTS				\$
MACHINERY	ACRE	4.93	1.00	4.93
TRACTORS	ACRE	4.16	1.00	4.16
IRRIGATION MACHINERY	ACRE	7.44	1.00	7.44
LAND (NET RENT)	ACRE	800.00	0.08	<u>64.00</u>
TOTAL FIXED COSTS				\$ 80.52
5. TOTAL COSTS				\$ 228.82
6. BREAK-EVEN PRICE, TOTAL COSTS	CWT.			5.085

LAND AND WATER CHARGE BASED ON SINGLE CROPPING.
* 1975-1976 CROP.

PROJECTED, 1976

BARLEY, IRRIGATED, TEXAS EL PASO 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
SHREDDER -	1,31	SEPT	1.00	0.220	0.163	1.04	0.81
OFFSET DISC	1,33	SEPT	2.00	0.466	0.345	2.19	1.75
FLOAT	1,37	SEPT	2.00	0.924	0.684	4.22	3.35
BORDER DISC	1,47	SEPT	1.00	0.057	0.042	0.24	0.16
PICKUP	10	SEPT	0.10	0.125	0.100	0.32	0.21
GRAIN DRILL	3,53	OCT	1.00	0.276	0.205	0.79	1.07
PICKUP	10	OCT	0.10	0.125	0.100	0.32	0.21
PICKUP	10	NOV	0.10	0.125	0.100	0.32	0.21
PICKUP	10	DEC	0.10	0.125	0.100	0.32	0.21
PICKUP	10	JAN	0.10	0.125	0.100	0.32	0.21
PICKUP	10	FEB	0.10	0.125	0.100	0.32	0.21
PICKUP	10	MAR	0.10	0.125	0.100	0.32	0.21
PICKUP	10	APR	0.10	0.125	0.100	0.32	0.21
PICKUP	10	MAY	0.10	0.125	0.100	0.32	0.21
TOTALS				3.068	2.339	11.40	9.08

LAND AND WATER CHARGE BASED ON SINGLE CROPPING.
* 1975-1976 CROP.

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 71 007201 750 0
ANNUAL CAPITAL MONTH 5

SPRING BARLEY, IRRIGATED, TEXAS EL PASO REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
BARLEY	CWT.	4.00	31.20	<u>124.80</u>
TOTAL				\$ 124.80
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.12	120.00	14.40
FERT (250-0-0)	ACRE	52.50	1.00	52.50
FERTILIZER APPLI	ACRE	1.30	1.00	1.30
HAIL INSURANCE	ACRE	6.50	1.00	6.50
WATER CHARGE	ACRE	28.00	1.00	28.00
DISTRIB SYSTM COS	ACRE	10.00	1.00	10.00
MACHINERY	ACRE	2.81	1.00	2.81
TRACTORS	ACRE	4.80	1.00	4.80
LABOR (TRACTOR & MACHINERY)	HOUR	2.50	2.63	6.57
OTHER LABOR	HOUR	2.75	5.92	16.28
INTEREST ON OP. CAP.	DOL.	0.09	49.51	<u>4.70</u>
SUBTOTAL, PRE-HARVEST				\$ 147.86
HARVEST COSTS				\$
CUSTOM COMBINING	CWT.	0.40	31.00	12.40
CUSTOM HAULING	CWT.	0.17	31.00	<u>5.27</u>
SUBTOTAL, HARVEST				\$ 17.67
TOTAL VARIABLE COST				\$ 165.53
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			5.305
4. FIXED COSTS				\$
MACHINERY	ACRE	3.58	1.00	3.58
TRACTORS	ACRE	2.20	1.00	2.20
LAND (NET RENT)	ACRE	800.00	0.08	<u>64.00</u>
TOTAL FIXED COSTS				\$ 69.78
5. TOTAL COSTS				\$ 235.31
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			7.542

LAND AND WATER CHARGE BASED ON SINGLE CROPPING.
IRRIGATION FROM WATER DISTRICT ONLY.

PROJECTED, 1976

SPRING BARLEY, IRRIGATED, TEXAS EL PASO 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
PLOW 3B	2,36	DEC	1.00	0.849	0.629	2.57	1.53
OFFSET DISC	2,33	DEC	1.00	0.233	0.173	0.75	0.61
FLOAT	2,37	DEC	1.00	0.462	0.342	1.43	1.14
BORDER DISC	2,47	DEC	1.00	0.057	0.042	0.16	0.09
PICKUP	10	DEC	0.10	0.125	0.100	0.32	0.21
GRAIN DRILL	4,53	JAN	1.00	0.276	0.205	0.76	1.12
PICKUP	10	JAN	0.10	0.125	0.100	0.32	0.21
PICKUP	10	FEB	0.10	0.125	0.100	0.32	0.21
PICKUP	10	MAR	0.10	0.125	0.100	0.32	0.21
PICKUP	10	APR	0.10	0.125	0.100	0.32	0.21
PICKUP	10	MAY	0.10	0.125	0.100	0.32	0.21
TOTALS				2.626	1.990	7.61	5.78

LAND AND WATER CHARGE BASED ON SINGLE CROPPING.
IRRIGATION FROM WATER DISTRICT ONLY.

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 889007001 750 0
ANNUAL CAPITAL MONTH 6

SPRING BARLEY, IRRIGATED, TEXAS EL PASO REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
BARLEY	CWT.	4.00	43.20	<u>172.80</u>
TOTAL				\$ 172.80
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.12	120.00	14.40
HAIL INSURANCE	ACRE	6.50	1.00	6.50
WATER CHARGE	ACRE	28.00	1.00	28.00
DISTRIB SYSTM COS	ACRE	10.00	1.00	10.00
FERT (250-0-0)	ACRE	52.50	1.00	52.50
FERTILIZER APPLI	ACRE	1.30	1.00	1.30
MACHINERY	ACRE	3.13	1.00	3.13
TRACTORS	ACRE	4.80	1.00	4.80
LABOR (TRACTOR & MACHINERY)	HOUR	2.50	2.75	6.88
OTHER LABOR	HOUR	2.75	5.92	16.28
INTEREST ON OP. CAP.	DOL.	0.09	49.51	<u>4.70</u>
SUBTOTAL, PRE-HARVEST				\$ 148.50
HARVEST COSTS				\$
CUSTOM COMBINING	CWT.	0.40	43.00	17.20
CUSTOM HAULING	CWT.	0.17	43.00	<u>7.31</u>
SUBTOTAL, HARVEST				\$ 24.51
TOTAL VARIABLE COST				\$ 173.01
3. BREAK-EVEN PRICE, VARIABLE COSTS	CWT.			4.005
4. FIXED COSTS				\$
MACHINERY	ACRE	3.79	1.00	3.79
TRACTORS	ACRE	2.20	1.00	2.20
LAND (NET RENT)	ACRE	800.00	0.08	<u>64.00</u>
TOTAL FIXED COSTS				\$ 70.00
5. TOTAL COSTS				\$ 243.00
6. BREAK-EVEN PRICE, TOTAL COSTS	CWT.			5.625

LAND AND WATER CHARGE BASED ON SINGLE CROPPING.
IRRIGATION FROM WATER DISTRICT ONLY.

PROJECTED, 1976