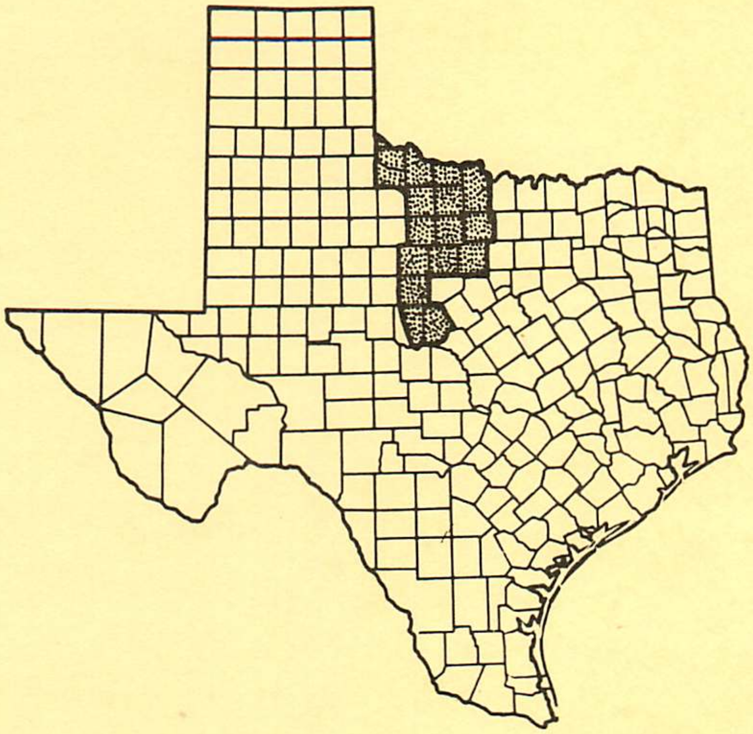

TEXAS ROLLING PLAINS I

FOREWORD

The enterprise budgets for Texas Rolling Plains I Region are based on estimates of yields, production input quantities, and production practices which represent the best judgment of local producers, county Extension agents-agriculture, financial institution representatives, farm machinery dealers and others knowledgeable of the area. Variation in yields, production inputs and production practices should be expected for particular farms.

Budgets for all major crops produced in the area are included for two levels of management, when applicable. Crop yields are directly related to levels of management. These differences are due largely to timing of operational practices which may not be evident in the budgets.

The machinery inventory is applicable to both typical and high level management. In some budgets custom rates, primarily harvesting, were used in lieu of the assumption that harvesting equipment was owned.

Budgets for establishing permanent type pasture grasses were prepared and used for prorating establishment costs in the respective pasture and hay budgets. Forage crops include expenses only because it is expected that the income will be derived from livestock enterprises.

Land charges were based on the customary landlord's crop share less his proportionate share of certain production and harvesting inputs. A per acre land charge was made when crop share was not used.

TEXAS ROLLING PLAINS I REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
Prices Paid (1978)		
Seed		
Cotton (di-syston)	cwt.	$37.00
Cotton (delinted)	cwt.	33.00
Guar	cwt.	22.00
Wheat (clean and treated)	bu.	4.10
Alfalfa	cwt.	80.00
Fertilizer		
Nitrogen (Anhy.)	lb.	.18
Nitrogen (Dry)	lb.	.25
Phosphorous	lb.	.25
Chemicals		
Pre-emerge Herbicide	5 gal.	135.00
Methyl-Parathion	gal.	8.50
Malathion	gal.	12.75
Custom Rates		
Combining Wheat	acre	7.00
Combining Guar	acre	8.00
Hay Harvest (mow, rake, bale, haul)	bale	.65
Hauling		
Guar	cwt.	.25
Wheat	bu.	.15 2/
Hoeing Labor	hour	2.25
Tractor, Irrigation Labor	hour	4.00
Cotton Ginning	bale	34.00

Rolling Plains I

Item	Unit	Price
Fuel and Lubricants		
Gasoline	gal.	$ .50
L. P. Gas	gal.	.35
Diesel	gal.	.44
Capital	$	.09
Hail Insurance (Wheat)	acre	3.00

Prices Received (1978)

Cotton	lb.	.44
Guar	cwt.	10.00
Cottonseed	ton	60.00
Wheat	bu.	2.25
Alfalfa Hay	ton	60.00
Coastal Hay	ton	40.00
Pasture Grazing	aum.	10.00

1/ These price assumptions are not to be interpreted as prediction or prospective prices.

2/ Plus 10¢/bu. over 20 bu.

TEXAS ROLLING PLAINS I REGION

Estimated Machinery and Equipment Cost Per Hour of Use

Machinery Item and Size	Item No.	Purchase Price	Estimated Years of Use	Estimated Hours of Use	Fixed Costs Per Hour	Variable Costs Per Hour
Tractor 3	3	$16,500	5	2500	$4.85	$4.36
Tractor 4	4	11,000	5	2500	2.71	3.26
Tractor 5	5	6,000	10	3000	2.82	2.19
Pickup 1/2 Ton	10	5,000	3	2100	1.87	4.58
Rolling Cultivator	30	2,150	7	1400	1.83	.86
Cultivator 6R	33	2,650	7	1400	2.24	1.08
Lister-Planter 6R	36	2,700	7	1050	3.07	1.44
Tandem Disc	40	2,000	7	1400	1.70	.81
Chisel	44	4,150	7	1400	3.52	1.67
Moldboard 6B	47	2,200	7	1400	1.86	.88
Sand Fighter	51	535	7	700	.91	.43
Shredder 2R	56	650	7	875	.88	.42
Grain Drill	58	2,300	7	840	3.26	1.53
Herb. Spr/Disc	61	450	7	700	.77	.35
Cotton Tr 3 BL	62	1,600	7	1050	1.80	.86
Cotton Str/Bsk	64	7,700	5	1500	4.88	3.44
Chisel	79	4,150	7	1400	3.52	1.67
Grain Drill	93	2,300	7	840	3.25	1.55

ALFALFA ESTABLISHMENT, DRYLAND, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.70	20.00	14.00
FERT(16-20-0)	ACRE	9.00	1.00	9.00
MACHINERY	ACRE	1.83	1.00	1.83
TRACTORS	ACRE	2.48	1.00	2.48
LABOR(TRACTOR & MACHINERY)	HOUR	4.00	1.21	4.84
INTEREST ON OP. CAP.	DOL.	0.09	7.08	0.67
SUBTOTAL, PRE-HARVEST				$ 32.82
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 32.82
3. INCOME ABOVE VARIABLE COSTS				$ -32.82
4. FIXED COSTS				$
MACHINERY	ACRE	2.35	1.00	2.35
TRACTORS	ACRE	2.75	1.00	2.75
LAND (NET RENT)	ACRE	200.00	0.06	12.00
TOTAL FIXED COSTS				$ 17.10
5. TOTAL COSTS				$ 49.92
6. NET RETURNS				$ -49.92

PREPARED BY NORMAN W. BRINTS, TAEX, VERNON, TEXAS PROJECTED 1978

ALFALFA ESTABLISHMENT, DRYLAND, TEXAS ROLLING PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION		ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
CHISEL	TM	3,44	JULY	1.00	0.179	0.119	0.82	1.11
PICKUP 1/2 TON		10	JULY	0.10	0.125	0.100	0.27	0.19
CHISEL	TM	3,44	AUG	1.00	0.179	0.119	0.82	1.11
PICKUP 1/2 TON		10	AUG	0.10	0.125	0.100	0.27	0.19
GRAIN DRILL	TM	3,58	SEPT	1.00	0.353	0.235	1.59	2.13
PICKUP 1/2 TON		10	SEPT	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON		10	OCT	0.10	0.125	0.100	0.27	0.19
TOTALS					1.210	0.873	4.31	5.10

PREPARED BY NORMAN W. BRINTS, TAEX, VERNON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 811005002 500 0
ANNUAL CAPITAL MONTH 12

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

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	60.00	2.50	150.00
TOTAL				$ 150.00
2. VARIABLE COSTS				
PREHARVEST				$
FERT(0-20-0)	ACRE	5.50	1.00	5.50
MACHINERY	ACRE	1.61	1.00	1.61
LABOR(TRACTOR & MACHINERY)	HOUR	4.00	0.75	3.00
INTEREST ON OP. CAP.	DOL.	0.09	2.63	0.25
SUBTOTAL, PRE-HARVEST				$ 10.36
HARVEST COSTS				$
HARVESTING	BALE	0.65	83.00	53.95
SUBTOTAL, HARVEST				$ 53.95
TOTAL VARIABLE COST				$ 64.31
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			25.723
4. FIXED COSTS				$
MACHINERY	ACRE	1.12	1.00	1.12
TRACTORS	ACRE	0.0	1.00	0.0
PRORATED ESTAB. COST	ACRE	49.92	0.17	8.34
LAND (NET RENT)	ACRE	29.88	1.00	29.88
TOTAL FIXED COSTS				$ 39.34
5. TOTAL COSTS				$ 103.65
6. BREAKEVEN PRICE, TOTAL COSTS	TON			41.458

LAND CHARGE USES LANDLORD'S SHARE OF GROSS 33% LESS 33% OF FERTILIZER AND HARVEST. ESTABLISHMENT COSTS PRORATED OVER SIX YEARS.

PREPARED BY NORMAN W. BRINTS, TAEX, VERNON, TEXAS PROJECTED 1978

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

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.27	0.19
TOTALS				0.750	0.600	1.61	1.12

LAND CHARGE USES LANDLORD'S SHARE OF GROSS 33% LESS 33% OF FERTILIZER AND HARVEST. ESTABLISHMENT COSTS PRORATED OVER SIX YEARS.
PREPARED BY NORMAN W. BRINTS, TAEX, VERNON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 81 005002 500 0
ANNUAL CAPITAL MONTH 9

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

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.70	20.00	14.00
FERT(16-20-0)	ACRE	9.00	1.00	9.00
MACHINERY	ACRE	2.03	1.00	2.03
TRACTORS	ACRE	2.73	1.00	2.73
IRRIGATION MACHINERY	ACRE	6.60	1.00	6.60
LABOR(TRACTOR & MACHINERY)	HOUR	4.00	1.41	5.64
LABOR(IRRIGATION)	HOUR	4.00	0.80	3.20
INTEREST ON OP. CAP.	DOL.	0.09	8.26	0.79
SUBTOTAL, PRE-HARVEST				$ 43.99
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 43.99
3. INCOME ABOVE VARIABLE COSTS				$ -43.99
4. FIXED COSTS				$
MACHINERY	ACRE	2.40	1.00	2.40
TRACTORS	ACRE	3.04	1.00	3.04
IRRIGATION MACHINERY	ACRE	6.68	1.00	6.68
LAND (NET RENT)	ACRE	250.00	0.06	15.00
TOTAL FIXED COSTS				$ 27.12
5. TOTAL COSTS				$ 71.11
6. NET RETURNS				$ -71.11

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

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
CHISEL TM	3.44	JULY	1.00	0.179	0.119	0.82	1.11
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.27	0.19
TANDEM DISC TM	3.40	AUG	1.00	0.253	0.168	1.02	1.26
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.27	0.19
GRAIN DRILL TM	3.58	SEPT	1.00	0.353	0.235	1.59	2.13
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.27	0.19
TOTALS				1.409	1.023	4.77	5.44

PREPARED BY NORMAN W. BRINTS, TAEX, VERNON, TEXAS PROJECTED 1978

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