



## TEXAS RIO GRANDE VALLEY

### FOREWORD

The enterprise budgets for Texas Rio Grande Valley 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 one of the following three methods: 1) customary landlord's crop share less his proportionate share of certain production and harvesting inputs; 2) a cash lease; or 3) a fair market value times an interest rate.

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

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
<b>1. GROSS RECEIPTS</b>					
STEER CALVES	460.00	LBS.	0.50	0.40	92.00
HEIFER CALVES	440.00	LBS.	0.45	0.30	59.40
COWS	850.00	LBS.	0.30	0.07	<u>17.85</u>
TOTAL					169.25
<b>2. VARIABLE COSTS</b>					
VET MEDICINE		HEAD	2.00	1.00	2.00
SALT & MINERALS		HEAD	7.92	1.00	7.92
IMPROVED PASTURE		ACRE	4.59	6.50	29.83
CUSTOM BALING		CWT.	1.30	10.00	13.00
FERT (30-0-0)		CWT.	5.95	1.00	5.95
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.			7.30
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR, TRACTOR & MACHINERY		HRS.	3.00	3.75	11.25
LABOR, EQUIPMENT		HRS.	3.00	0.17	0.51
LABOR, LIVESTOCK		HRS.	3.00	6.00	18.00
INTEREST ON OPER.CAP.,		DOL.	0.09	52.41	<u>4.72</u>
TOTAL VARIABLE CCSTS					116.40
<b>3. INCOME ABOVE VARIABLE COSTS</b>					52.85
<b>4. FIXED COSTS</b>					
LAND RENT		ACRE	10.00	6.50	65.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	266.22	23.96
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.10
DEPR. ON COW PUR DRY PAS		DOL.			4.13
DEPR. ON BULL PUR DRY PAS		DOL.			1.33
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC, MACH & ECWIP.		DOL.			<u>9.99</u>
TOTAL FIXED COSTS					110.21
<b>5. TOTAL COSTS</b>					226.61
<b>6. NET RETURNS</b>					-57.36

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 TOM JONES, TAEX, WESLACO, TEXAS

PROJECTED 1978-79

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

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
<b>1. GROSS RECEIPTS</b>					
STEER CALVES	440.00	LBS.	0.50	0.38	83.60
HEIFER CALVES	420.00	LBS.	0.45	0.28	52.92
COWS	800.00	LBS.	0.30	0.07	16.80
DEER LEASE	1.00	ACRE	3.00	12.50	<u>37.50</u>
TOTAL					190.82
<b>2. VARIABLE COSTS</b>					
RANGE CUBES		LBS.	0.09	20.00	1.80
SALT & MINERALS		HEAD	6.00	1.00	6.00
VET MEDICINE		HEAD	2.00	1.00	2.00
CUSTOM BALING		CWT.	1.30	5.00	6.50
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
MISC EXPENSE		HEAD	5.00	1.00	5.00
RANGE IMPROVEMEN		ACRE	4.59	2.50	11.47
MACHINERY(FUEL,LUBE,REP)		DOL.			9.05
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR, TRACTOR & MACHINERY		HRS.	3.00	4.65	13.95
LABOR, EQUIPMENT		HRS.	3.00	0.17	0.51
LABOR, LIVESTOCK		HRS.	3.00	7.50	22.50
INTEREST ON OPER.CAP.,		DOL.	0.09	25.46	<u>2.29</u>
TOTAL VARIABLE COSTS					90.42
<b>3. INCOME ABOVE VARIABLE COSTS</b>					100.40
<b>4. FIXED COSTS</b>					
LAND RENT		ACRE	4.17	15.00	62.50
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	266.22	23.96
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.10
DEPR. ON COW PUR DRY PAS		DOL.			4.13
DEPR. ON BULL PUR DRY PAS		DOL.			1.33
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC, MACH & EQUIP.		DOL.			<u>11.38</u>
TOTAL FIXED COSTS					109.11
<b>5. TOTAL COSTS</b>					199.52
<b>6. NET RETURNS</b>					-8.70

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 TOM JONES, TAEX, WESLACO, TEXAS

PROJECTED 1978-79

COW-CALF PRODUCTION TEXAS RIO GRANDE REGION  
ESTIMATED COSTS AND RETURNS PER COW  
UNIMPROVED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
<b>1. GROSS RECEIPTS</b>					
STEER CALVES	430.00	LBS.	0.50	0.35	75.25
HEIFER CALVES	410.00	LBS.	0.45	0.25	46.12
COWS	800.00	LBS.	0.30	0.07	16.80
DEER LEASE	1.00	ACRE	3.00	25.00	<u>75.00</u>
TOTAL					213.17
<b>2. VARIABLE COSTS</b>					
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.			9.05
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.35
LABOR, TRACTOR & MACHINERY		HRS.	3.00	4.65	13.95
LABOR, EQUIPMENT		HRS.	3.00	0.17	0.51
LABOR, LIVESTOCK		HRS.	3.00	9.00	27.00
INTEREST ON OPER.CAP.,		DOL.	0.09	16.81	<u>1.51</u>
TOTAL VARIABLE COSTS					78.52
<b>3. INCOME ABOVE VARIABLE COSTS</b>					134.65
<b>4. FIXED COSTS</b>					
LAND RENT		ACRE	3.00	25.00	75.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	270.22	24.32
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.25	1.10
DEPR. ON COW PUR DRY PAS		DOL.			4.13
DEPR. ON BULL PUR DRY PAS		DOL.			1.67
DEPR. ON HORSE		DOL.			0.75
DEPR. ON OTHER EQUIP.		DOL.			3.95
OTHER FC, MACH & EQUIP.		DOL.			<u>11.44</u>
TOTAL FIXED COSTS					122.36
<b>5. TOTAL COSTS</b>					200.88
<b>6. NET RETURNS</b>					12.29

200 COW UNIT, 10 BULLS, 15% REPLACEMENTS - 10% RAISED AND 5% PURCHASED.  
70% CALF CROP, 25 ACRES/COW, 5000 ACRE RANCH, 3% DEATH LOSS.

PREPARED BY TOM JONES, TAEX, WESLACO, TEXAS

PROJECTED 1978-79

CCW=CALF PRODUCTION TEXAS RIO GRANDE REGION  
ESTIMATED COSTS AND RETURNS PER COW  
IMPROVED IRRIGATED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
<b>1. GROSS RECEIPTS</b>					
STEER CALVES	430.00	CWT.	0.50	0.40	86.00
HEIFER CALVES	420.00	CWT.	0.45	0.40	<u>75.60</u>
TOTAL					161.60
<b>2. VARIABLE COSTS</b>					
FERT(34-0-0)		CWT.	7.25	3.00	21.75
IRRIGATION WATER		APPL	4.00	2.00	8.00
CUSTOM BALING		TON	13.00	0.50	6.50
IRRIG. LABOR		HRUR	2.50	2.00	5.00
LIVESTOCK WATER		MOS.	0.15	12.00	1.80
SALT & MINERALS		HEAD	7.92	1.00	7.92
VET MEDICINE		HEAD	2.00	1.00	2.00
MARKETING		HEAD	6.80	1.00	6.80
MISC EXPENSE		HEAD	4.80	1.00	4.80
TRACTORS(FUEL,LUBE,REP)		DOL.			44.39
MACHINERY(FUEL,LUBE,REP)		DOL.			9.50
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.76
LABOR, TRACTOR & MACHINERY		HRS.	3.00	7.56	22.68
LABOR, EQUIPMENT		HRS.	3.00	0.95	2.85
LABOR, LIVESTOCK		HRS.	3.00	6.00	18.00
INTEREST ON OPER.CAP.,		DOL.	0.09	58.66	<u>5.28</u>
TOTAL VARIABLE COSTS					168.03
<b>3. INCOME ABOVE VARIABLE COSTS</b>					-6.43
<b>4. FIXED COSTS</b>					
LAND RENT		ACRE	45.00	0.67	30.00
INT. ON LIVESTOCK CAPITAL		DOL.	0.09	254.85	22.94
INT. ON OTHER EQUIPMENT		DOL.	0.09	51.50	4.63
DEPR. ON COW PUR IRR PAS		DOL.			15.00
DEPR. ON BULL PUR IRR PAS		DOL.			2.47
DEPR. ON OTHER EQUIP.		DOL.			10.80
OTHER FC, MACH & EQUIP.		DOL.			<u>46.49</u>
TOTAL FIXED COSTS					132.33
<b>5. TOTAL COSTS</b>					300.36
<b>6. NET RETURNS</b>					-138.76

60 COW HERD, 80% CALF CROP INCLUDING DEATH LOSS, DEPRECIATION PLUS SALE OF BREEDING LIVESTOCK WILL BUY REPLACEMENTS, REPLACEMENT RATE 12.5%.  
PREPARED BY TOM JONES, TAEX, WESLACO, TEXAS PROJECTED 1978-79

STOCKER CALF PRODUCTION TEXAS RIO GRANDE REGION  
ESTIMATED COSTS AND RETURNS PER STOCKER  
IMPROVED IRRIGATED PASTURE

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
<b>1. GROSS RECEIPTS</b>					
SLAUGHTER HEIFER	650.00	LBS.	0.46	1.00	<u>299.00</u>
TOTAL					299.00
<b>2. VARIABLE COSTS</b>					
STOCKER HEIFERS		LBS.	0.45	400.00	180.00
FERT(34-0-0)		CWT.	7.25	3.00	21.75
IRRIGATION WATER		APPL	4.00	0.68	2.72
IRRIG. LABOR		HOUR	2.50	0.68	1.70
CUSTOM BALING		CWT.	1.30	2.00	2.60
LIVESTOCK WATER		MOS.	0.15	8.00	1.20
SALT & MINERALS		HEAD	3.00	1.00	3.00
VET MEDICINE		HEAD	1.50	1.00	1.50
MARKETING		HEAD	10.40	1.00	10.40
MISC EXPENSE		HEAD	3.20	1.00	3.20
MACHINERY(FUEL,LUBE,REP)		DOL.			1.27
EQUIPMENT(FUEL,LUBE,REP)		DOL.			0.19
LABOR, TRACTOR & MACHINERY		HRS.	3.00	0.65	1.95
LABOR, EQUIPMENT		HRS.	3.00	0.24	0.71
LABOR, LIVESTOCK		HRS.	3.00	1.20	3.60
INTEREST ON OPER.CAP.,		DOL.	0.09	139.87	<u>12.59</u>
TOTAL VARIABLE COSTS					248.38
<b>3. INCOME ABOVE VARIABLE COSTS</b>					50.62
<b>4. FIXED COSTS</b>					
LAND RENT		ACRE	7.50	1.00	7.50
INT. ON OTHER EQUIPMENT		DOL.	0.09	12.87	1.16
DEPR. ON OTHER EQUIP.		DOL.			2.70
OTHER FC, MACH & EQUIP.		DOL.			<u>1.20</u>
TOTAL FIXED COSTS					12.56
<b>5. TOTAL COSTS</b>					260.94
<b>6. NET RETURNS</b>					38.06

240 UNIT STOCKER HEIFERS, STOCKING RATE 6 HEAD/ACRE.  
225 DAY GRAZING PERIOD.

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