



07000300

TEXAS EL PASO REGION

FOREWORD

The data contained in this report are based on estimates and actual records of operations within an area described as the Texas El Paso Region. This area includes the El Paso and Hudspeth county area in extreme West Texas. Even in a region so narrowly defined, variation in inputs and returns exists among farms and managers. However, these budgets should serve as useful guides in planning and decision making for agriculturalists concerned with the area described above.

The enterprise budgets for this region are based on yields as shown on 07000600. The assumptions used in the development of these budgets include the following things. Farm size varied from 350 acres for the typical manager to 750 acres for the high level manager. Approximately two-thirds of the acreage for both management levels was planted to cotton. Adjustments in the government programs have led to a slight increase in the percentage of total cotton acreage which is planted in pima cotton. It was assumed that pima was planted on 55 percent of the cotton acreage in this region and upland cotton planted on 45 percent. Annual rotations are practiced on the typical farm using small grains or grain sorghum, and occasionally

alfalfa in rotation. The high level farmer typically uses rotation which may include 4 years of alfalfa and 1 year of cotton in an attempt to maximize cotton yields per acre. Cotton yields tend to increase 125 pounds per acre for cotton produced under a 2-year rotation with grain sorghum and another 125 pounds for the rotation with 4 years of alfalfa. Both typical and high level managers enjoy this increase. Pima cotton responds somewhat less to the two different rotation systems. Small grain grazing is practiced by both management levels but with greater intensity on farms of the above average manager.

Irrigation is supplied in both cases from the Rio Grande Project. Management differences center primarily on timing of operation, variation in rotation pattern and, to some degree, input levels. The high level manager extracts greater yields and usually greater profits from his enterprises due to a superior ability for preparing, planting, tending to and selling his crop.

No typical crop share or cash rent determination was available. Land rent was therefore computed on present market value and current interest rates on long-term capital investments.

TEXAS EL PASO REGIONAssumed Prices Paid And Received By Farmers

Item	Unit	Price
<u>Prices Paid</u>		
Seed:		
Cotton (delinted)	cwt.	\$ 15.00
Grain Sorghum	cwt.	17.00
Corn	cwt.	28.00
Barley	cwt.	8.00
Alfalfa	cwt.	65.00
Bermuda Sprigs	bu.	.75
Fertilizer:		
Nitrogen	lb.	.05
Phosphorus	lb.	.08
Herbicide:		
Pre-emerge	qt.	6.25
Labor:		
Hoeing	hr.	1.30
Irrigation	hr.	1.50
Tractor	hr.	2.00
Custom Rates:		
Insecticide plus materials	ac.	3.25
Fertilizer application	ac.	1.50
Cotton picking	bale	28.00
Cotton ginning, upland	bale	24.00
Cotton ginning, pima	bale	33.00
Grain Harvest	ac.	7.00
Grain Hauling	cwt.	.10
Swath, bale, haul hay	bale	.40
Capital:		
Investment	\$.075
Operating	\$.08
Hail Insurance:		
Cotton	\$100	7.50
Taxes:		
Land and Water	ac.	25.00
<u>Prices Received</u>		
Cotton, upland	lb./lint	\$.30
Cotton, pima	lb./lint	.48
Cottonseed	ton	65.00
Grain Sorghum	cwt.	2.25
Corn Silage, in field	ton	6.00
Barley	cwt.	2.20
Alfalfa	ton	35.00
Grazing, calf	lb./gain	.17
Government Payments		
Upland Cotton	lb./lint	.15
Pima Cotton	lb./lint	.1269

TEXAS EL PASO REGION

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Estimated Machinery And Equipment Cost Per Hour Of Use, High Level Management

Machinery Item and Size	Item No.	New Cost	Estimated Typical Yrs. Of Use	Total Depr. <u>1/</u>	Estimated Total Hrs. Of Use	Depr. Per Hr. <u>2/</u>	Interest on Investment Per Hour <u>3/</u>	Fuel, Oil, Lub., Rep., Per Hr. <u>4/</u>
Tractor, 118 HP (2)	1	\$13,500	6	\$7,500	4,200	\$ 1.79	\$ 1.04	\$ 1.89
Tractor, 50 HP (1)	2	3,500	15	3,500	7,200	.49	.23	.65
Shredder, 2-Row	3	350	8	261	1,000	.26	.14	.19
Offset Disc	4	2,000	8	1,500	1,600	.94	.47	.75
Plow, 4 Btm.	5	1,350	8	1,000	1,600	.63	.44	.84
Float	6	1,250	10	1,000	1,200	.83	.47	.25
Lister, 4-Row	7	500	8	375	1,200	.31	.22	.41
Rotovator	8	2,500	10	1,900	1,600	1.19	.73	2.58
Planter Toolbar, 4-Row	9	800	10	640	1,600	.40	.23	.78
Rolling Cultivator	10	1,700	8	1,268	1,600	.79	.43	.91
Spray Rig, 4-Row	11	350	10	280	500	.56	.32	.71
Grain Drill, 14'	12	1,300	10	1,000	800	1.25	.75	.99
Border Disc	13	250	10	200	800	.25	.14	.06
Hydrolic Sprayer	14	2,000	10	2,000	4,000	.50	.20	.50
Pruner	15	750	10	750	600	1.25	.50	1.25
Shaker	16	2,000	10	2,000	1,500	1.33	.53	1.33

1/ New cost less value at time of trade, or less salvage value.

2/ Assumes straight line depreciation.

3/ (Investment + Salvage) divided by 2 (7.5%) divided by annual hours of use.

4/ Fuel, Oil, Lubrication, repair cost estimate taken from Bower, Modern Concepts of Farm Machinery Management.

TEXAS EL PASO REGION

Estimated Machinery And Equipment Cost Per Hour Of Use, Typical Management

Machinery Item and Size	Item No.	New Cost	Estimated Typical Yrs. Of Use	Total Depr. <u>1/</u>	Estimated Total Hrs. Of Use	Depr. Per Hr. <u>2/</u>	Interest on Investment Per Hour <u>3/</u>	Fuel, Oil, Lub., Rep., Per Hr. <u>4/</u>
Tractor, 105 HP (1)	1	\$10,500	8	\$6,500	5,000	\$ 1.30	\$.84	\$ 1.54
Tractor, 45 HP (1)	2	3,500	15	3,500	7,200	.49	.23	.65
Shredder, 2-Row	3	350	8	261	1,000	.26	.14	.19
Disc, 9'	4	1,200	8	900	2,500	.36	.18	.17
Plow	5	900	8	670	3,500	.19	.10	.33
Float	6	1,200	10	1,000	1,200	.83	.47	.25
Lister	7	500	8	375	1,200	.31	.22	.41
Rolling Cultivator	8	1,000	8	750	1,600	.47	.25	.53
Planter, Toolbar	10	800	10	640	600	1.06	.60	.45
Cultivator	11	850	10	670	1,200	.56	.32	.59
Spray Rig	12	350	10	280	500	.56	.32	.71
Border Disc	13	250	10	200	800	.25	.14	.06

1/ New cost less value at time of trade, or less salvage value.

2/ Assumes straight line depreciation.

3/ (Investment + Salvage) divided by 2 (7.5%) divided by annual hours of use.

4/ Fuel, Oil, Lubrication, repair cost estimate taken from Bower, Modern Concepts of Farm Machinery Management.

TEXAS EL PASO REGION

Yield Per Acre For Typical And High Level Management

Crop	Unit	<u>Irrigated</u>	
		Typical	High Level
Cotton, Upland	#lint	700	825
Cotton, Pima <u>1/</u>	#lint	500	600
Grain Sorghum	lbs.	3250	5000
Corn for Silage	tons	-	25
Barley	lbs.	3500	4500
Alfalfa	tons	6	8
Bermudagrass Pasture	#gain	-	750

1/ Weighted average yields over past 10 years as reported in Annual Production Report, Rio Grande Project, Bureau of Reclamation indicates pima cotton yields 72.2 percent of upland cotton.

ALFALFA ESTABLISHMENT, IRRIGATED, EL PASO REGIONEstimated Costs And Returns Per Acre Of Alfalfa Establishment, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. No Income				
2. Variable Costs:				
Seed	cwt.	\$ 65.00	.40	\$ 26.00
Fertilizer (0-80-0)	ac.	6.40	1	6.40
Machinery	ac.	1.06	1	1.06
Tractor (1)	hr.	1.89	2.07	3.91
Tractor (2)	hr.	.65	.42	.27
Labor, Tractor	hr.	2.00	3.10	6.20
Labor, Irrigation	hr.	1.50	3.00	4.50
Pickup Expense	ac.	5.00	.5	2.50
Well operation & maintenance	ac/ft.	15.00	1.0	15.00
Interest on Op. Cap.	\$.08	32.92	<u>3.29</u>
Total Variable Costs				\$ 69.13
3. No Income				
4. Fixed Costs:				
Machinery	ac.	2.56	1	\$ 2.56
Tractor (1)	hr.	2.81	2.07	5.82
Tractor (2)	hr.	.72	.42	.30
Irrigation (water & land tax) <u>1/</u>	ac.	25.00	.5	12.50
Land Charge (Rent) <u>1/</u>	\$.075	375	<u>28.13</u>
Total Fixed Costs				\$ 49.13
5. Total Costs				\$118.44

1/ One half rate due to double cropping.

ALFALFA ESTABLISHMENT, IRRIGATED, EL PASO REGION
Estimated Costs, And Requirements Per Acre
Of Alfalfa Establishment, High Level Management

07006111

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Sep	1	.50	.40	\$.08	\$.16
Disc	1,4	Sep	1	.31	.25	.19	.35
Plow	1,5	Sep	1	.31	.25	.21	.27
Disc	1,4	Sep	1	.31	.25	.19	.35
Float	1,6	Sep	2	1.00	.80	.20	1.04
Border	1,13	Sep	1	.15	.12	.01	.05
Fertilize	2	Sep	1	.31	.25	-	-
Plant	2,12	Sep	1	<u>.21</u>	<u>.17</u>	<u>.18</u>	<u>.34</u>
Total				3.10	2.49	\$ 1.06	\$ 2.56

Irrigation:

Preplant	1	1.00
Postplant	2	<u>2.00</u>
Total		3.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

ALFALFA, IRRIGATED, EL PASO REGIONEstimated Costs And Returns Per Acre Of Alfalfa, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Hay	ton	\$ 35.00	8	\$280.00
2. Variable Costs:				
Pre-Harvest:				
1/4 Establishment	ac.	29.61	1	29.61
Fertilizer (0-100-0)	ac.	8.00	1	8.00
Tractor (2)	hr.	.65	.75	.49
Labor, Tractor	hr.	2.00	.93	1.86
Labor, Irrigation	hr.	1.50	10	15.00
Pickup Expense	ac.	5.00	1	5.00
Well operation & maintenance	ac/ft.	15.00	1.0	15.00
Interest on Op. Cap.	\$.08	37.48	3.00
Subtotal, Pre-Harvest				\$ 77.96
Harvest:				
Swath, bale, haul (custom) <u>1/</u>	bale	.40	225	\$ 90.00
Total Variable Costs				\$167.96
3. Income Above Variable Costs				\$112.04
4. Fixed Costs:				
Tractor (2)	hr.	.72	.75	\$.54
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				\$ 81.79
5. Total Costs				\$249.75
6. Net Returns				\$ 30.25

1/ Costs per ton for cubing alfalfa estimated to be approximately the same as these baling costs.

ALFALFA, IRRIGATED, EL PASO REGIONEstimated Costs, And Requirements Per Acre Of Alfalfa, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Fertilize	2	Mar-Sep	3	<u>.93</u>	<u>.75</u>	-	-
Total				.93	.75		
Irrigation:			10	10.00			

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

Estimated Costs And Returns Per Acre Of Alfalfa Establishment, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. No Income				
2. Variable Costs:				
Seed	cwt.	\$ 65.00	.38	\$ 24.70
Fertilizer (0-80-0)	ac.	6.40	1	6.40
Machinery	ac.	.79	1	.79
Tractor (1)	hr.	1.54	2.52	3.88
Tractor (2)	hr.	.65	.45	.29
Labor, Tractor	hr.	2.00	3.73	7.46
Labor, Irrigation	hr.	1.50	3	4.50
Pickup Expenses	ac.	5.00	1	5.00
Well operation & maintenance	ac/ft.	15.00	1	15.00
Interest on Op. Cap.	\$.08	34.01	<u>2.72</u>
Total Variable Costs				\$ 70.74
3. No Income				
4. Fixed Costs:				
Machinery	ac.	2.25	1	\$ 2.25
Tractor (1)	hr.	2.14	2.52	5.39
Tractor (2)	hr.	.72	.45	.32
Irrigation (water & land tax) <u>1/</u>	ac.	25.00	.5	12.50
Land Charge (Rent) <u>1/</u>	\$.075	375	<u>28.13</u>
Total Fixed Costs				\$ 48.59
5. Total Costs				\$119.33

1/ One half rate due to double cropping.

ALFALFA ESTABLISHMENT, IRRIGATED, EL PASO REGION

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Estimated Costs, And Requirements Per Acre
Of Alfalfa Establishment, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Sep	1	.50	.40	\$.08	\$.16
Disc	1,4	Sep	1	.38	.30	.05	.16
Plow	1,5	Sep	1	.63	.50	.17	.15
Disc	1,4	Sep	1	.38	.30	.05	.16
Float	1,6	Oct	2	1.13	.90	.23	1.17
Fertilize	2,13	Oct	1	.31	.25	-	-
Plant	2,12	Oct	1	<u>.25</u>	<u>.20</u>	<u>.20</u>	<u>.40</u>
Total				3.73	2.97	\$.79	\$ 2.25

Irrigation:

Preplant	1	1.00
Postplant	2	<u>2.00</u>
Total		3.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

ALFALFA, IRRIGATED, EL PASO REGION

Estimated Costs And Returns Per Acre Of Alfalfa, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Hay	ton	\$ 35.00	6	\$210.00
2. Variable Costs:				
Pre-Harvest:				
1/4 Establishment	ac.	29.82	1	\$ 29.82
Fertilizer (0-100-0)	ac.	8.00	1	8.00
Tractor (2)	hr.	.65	.75	.49
Labor, Tractor	hr.	2.00	.93	1.86
Labor, Irrigation	hr.	1.50	10	15.00
Pickup Expense	ac.	5.00	1	5.00
Well operation & maintenance	ac/ft.	15.00	1	15.00
Interest on Op. Cap.	\$.08	37.59	3.01
Subtotal, Pre-Harvest				\$ 78.18
Harvest:				
Swath, bale, haul (custom) <u>1/</u>	bale	.40	169	\$ 67.60
Total Variable Costs				\$145.78
3. Income Above Variable Costs				\$ 64.22
4. Fixed Costs:				
Tractor (2)	hr.	.72	.75	\$.54
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				\$ 81.79
5. Total Costs				\$227.57
6. Net Returns				\$(17.57)

1/ Costs per ton for cubing alfalfa estimated to be approximately the same as these baling costs.

ALFALFA, IRRIGATED, EL PASO REGIONEstimated Costs, And Requirements Per Acre Of Alfalfa, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Fertilize	2	Mar-Sep	3	<u>.93</u>	<u>.75</u>		
Total				.93	.75		
Irrigation:			10	10.00			

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

BARLEY, IRRIGATED, EL PASO REGION

Estimated Costs And Returns Per Acre Of Barley, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grain	cwt.	\$ 2.20	45	\$ 99.00
Grazing	lb./gain	.17	250	<u>42.50</u>
Total				\$141.50
2. Variable Costs:				
Pre-Harvest:				
Seed	cwt.	8.00	1	\$ 8.00
Fertilizer (150-0-0)	ac.	7.50	1	7.50
Machinery	ac.	.63	1	.63
Tractor (1)	hr.	1.89	1.72	3.25
Tractor (2)	hr.	.65	.42	.27
Labor, Tractor	hr.	2.00	2.67	5.34
Labor, Irrigation	hr.	1.50	3.00	4.50
Pickup Expenses	ac.	5.00	1	5.00
Well operation & maintenance	ac/ft.	15.00	1	15.00
Interest on Op. Cap.	\$.08	24.75	<u>1.98</u>
Subtotal, Pre-Harvest				\$ 51.47
Harvest:				
Machinery (custom)	ac.	7.00	1	\$ 7.00
Hauling	cwt.	.10	45	<u>4.50</u>
Subtotal, Harvest				\$ 11.50
Total Variable Costs				\$ 62.97
3. Income Above Variable Costs				\$ 78.53
4. Fixed Costs:				
Machinery	ac.	1.39	1	\$ 1.39
Tractor (1)	hr.	2.81	1.72	4.83
Tractor (2)	hr.	.72	.42	.30
Irrigation (water & land tax) <u>1/</u>	ac.	25.00	.5	12.50
Land Charge (Rent) <u>1/</u>	\$.075	375	<u>28.13</u>
Total Fixed Costs				\$ 47.15
5. Total Costs				\$110.12
6. Net Returns				\$ 31.38

1/ One half rate due to double cropping.

BARLEY, IRRIGATED, EL PASO REGIONEstimated Costs, And Requirements Per Acre Of Barley, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Nov	1	.50	.40	\$.08	\$.16
Disc	1,4	Nov	2	1.00	.80	.16	.32
Float	1,6	Nov	1	.50	.40	.20	.52
Border	1,13	Nov	1	.15	.12	.01	.05
Fertilize	2	Dec	1	.31	.25	-	-
Plant	2,12	Dec	1	<u>.21</u>	<u>.17</u>	<u>.18</u>	<u>.34</u>
Total				2.67	2.14	\$.63	\$ 1.39

Irrigation:

Postplant 3 3.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

Estimated Costs And Returns Per Acre Of Barley, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grain	cwt.	\$ 2.20	31.2	\$ 68.64
Grazing	lb./gain	.17	175	<u>29.75</u>
Total				\$106.75
2. Variable Costs:				
Pre-Harvest:				
Seed	cwt.	8.00	1	\$ 8.00
Fertilize (100-0-0)	Ac.	5.00	1	5.00
Machinery	ac.	.58	1	.58
Tractor (1)	hr.	1.54	1.57	2.42
Tractor (2)	hr.	.65	.45	.29
Labor, Tractor	hr.	2.00	2.54	5.08
Labor, Irrigation	hr.	1.50	3	4.50
Pickup Expenses	ac.	5.00	1	5.00
Well operation & maintenance	ac/ft.	15.00	1	15.00
Interest on Op. Cap.	\$.08	22.94	<u>1.84</u>
Subtotal, Pre-Harvest				\$ 47.71
Harvest:				
Machinery (custom)	ac.	7.00	1	\$ 7.00
Hauling	cwt.	.10	31.2	<u>3.12</u>
Subtotal, Harvest				\$ 10.12
Total Variable Costs				\$ 57.83
3. Income Above Variable Costs				\$ 48.92
4. Fixed Costs:				
Machinery	ac.	1.91	1	\$ 1.91
Tractor (1)	hr.	2.14	1.57	3.36
Tractor (2)	hr.	.72	.45	.32
Irrigation (water & land tax) ^{1/}	ac.	25.00	.5	12.50
Land Charge (Rent) ^{1/}	\$.075	375	<u>28.13</u>
Total Fixed Costs				\$ 46.22
5. Total Costs				\$104.05
6. Net Returns				\$ 2.70

^{1/} One half rate due to double cropping.

DEVELOPED BY EXTENSION ECONOMISTS-MANAGEMENT, TAES, TAMU.

New, 1972

Cooperative Extension Work in Agriculture and Home Economics, Texas A&M University and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.

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Estimated Costs, And Requirements Per Acre Of Barley, Typical Management							
Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Nov	1	.50	.40	\$.08	\$.16
Disc	1,4	Nov	2	.76	.60	.10	.32
Float	1,6	Nov	1	.57	.45	.19	.98
Border	1,13	Nov	1	.15	.12	.01	.05
Fertilize	2	Nov	1	.31	.25	-	-
Plant	2,12	Dec	1	<u>.25</u>	<u>.20</u>	<u>.20</u>	<u>.40</u>
Total				2.54	2.02	\$.58	\$ 1.91

Postplant	3	3.00
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BERMUDAGRASS ESTABLISHMENT, IRRIGATED, EL PASO REGIONEstimated Costs And Returns Per Acre Of
Bermudagrass Establishment, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grazing	calf days	\$.10	180	\$ 18.00
2. Variable Costs:				
Sprigs	bu.	.75	30	\$ 22.50
Fertilize (80-80-0)	ac.	10.40	1	10.40
Machinery	ac.	.88	1	.88
Tractor (1)	hr.	1.89	2.07	3.91
Tractor (2)	hr.	.65	.25	.16
Labor, Tractor	hr.	2.00	2.89	5.78
Labor, Irrigation	hr.	1.50	6.00	9.00
Pickup Expense	ac.	5.00	1	5.00
Well operation & maintenance	ac/ft.	15.00	1	15.00
Interest on Op. Cap.	\$.08	36.32	<u>2.91</u>
Total Variable Costs				\$ 75.54
3. Income Above Variable Costs				\$(57.54)
4. Fixed Costs:				
Machinery	ac.	2.22	1	\$ 2.22
Tractor (1)	hr.	2.81	2.07	5.82
Tractor (2)	hr.	.72	.25	.18
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	<u>56.25</u>
Total Fixed Costs				\$ 89.47
5. Total Costs				\$165.01
6. Annual Establishment @ 10 year life				\$ 14.70

BERMUDAGRASS ESTABLISHMENT, IRRIGATED, EL PASO REGIONEstimated Costs, And Requirements Per Acre Of
Bermudagrass Establishment, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Jan	1	.50	.40	\$.08	\$.16
Disc	1,4	Jan	1	.31	.25	.19	.35
Plow	1,5	Feb	1	.31	.25	.21	.27
Disc	1,4	Feb	1	.31	.25	.19	.35
Float	1,6	Mar	2	1.00	.80	.20	1.04
Border	1,13	Mar	1	.15	.12	.01	.05
Fertilize	2	Mar	1	<u>.31</u>	<u>.25</u>	<u>-</u>	<u>-</u>
Total				2.89	2.32	\$.88	\$ 2.22

Irrigation:

Preplant	1	1.00
Postplant	5	<u>5.00</u>
Total		6.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

BERMUDAGRASS PASTURE, IRRIGATED, EL PASO REGIONEstimated Costs And Returns Per Acre Of Bermudagrass Pasture, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grazing	cow days	\$.15	365 <u>1/</u>	\$ 54.75
2. Variable Costs:				
Establishment	ac.	14.70	1	\$ 14.70
Fertilizer (250-50-0)	ac.	16.50	1	16.50
Tractor (2)	hr.	.65	.75	.49
Labor, Tractor	hr.	2.00	.93	1.86
Labor, Irrigation	hr.	1.50	6.00	9.00
Pickup Expenses	ac.	5.00	1	5.00
Interest on Op. Cap.	\$.08	23.78	<u>1.90</u>
Total Variable Costs				\$ 49.45
3. Income Above Variable Costs				\$ 5.30
4. Fixed Costs:				
Tractor (2)	hr.	.72	.75	\$.54
Irrigation (water and land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	<u>56.25</u>
Total Fixed Costs				\$ 81.79
5. Total Costs				\$131.24
6. Net Returns				\$(76.49)

1/ 8 months grazing @ 1.5 cows per acre = 365 cow days.

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AECO 6

BERMUDAGRASS PASTURE, IRRIGATED, EL PASO REGION

07170111

Estimated Costs, And Requirements Per Acre
Of Bermudagrass Pasture, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Fertilize	2	Mar-Sep	3	<u>.93</u>	<u>.75</u>	-	-
Total				.93	.75		
Irrigation			6	6.00			

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

CORN FOR SILAGE, IRRIGATED, EL PASO REGIONEstimated Costs And Returns Per Acre Of Corn For Silage, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Silage, standing in field	ton	\$ 6.00	25	\$150.00
2. Variable Costs:				
Pre-Harvest:				
Seed	cwt.	28.00	.15	\$ 4.20
Fertilize (200-80-0)	ac.	16.40	1	16.40
Machinery	ac.	.95	1	.95
Tractor (1)	hr.	1.89	1.40	2.65
Tractor (2)	hr.	.65	.85	.55
Labor, Tractor	hr.	2.00	2.81	5.62
Labor, Irrigation	hr.	1.50	4.00	6.00
Pickup Expense	ac.	5.00	1	5.00
Insecticide (custom)	application	3.00	1	3.00
Interest on Op. Cap.	\$.08	22.19	1.77
Subtotal, Pre-Harvest				\$ 46.14
Harvest: (Sold in field)				
Total Variable Costs				\$ 46.14
3. Income Above Variable Costs				\$103.86
4. Fixed Costs:				
Machinery	ac.	2.39	1	\$ 2.39
Tractor (1)	ac.	2.81	1.40	3.93
Tractor (2)	hr.	.72	.85	.61
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				\$ 88.18
5. Total Costs				\$134.32
6. Net Returns				\$ 15.68

Estimated Costs, And Requirements Per Acre Of Corn For Silage, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Disc	1,4	Dec	2	1.00	.80	\$.16	\$.32
Float	1,6	Jan	1	.50	.40	.20	.52
List	1,7	Feb	1	.25	.20	.08	.16
Mulch	2,10	Apr	1	.20	.16	.15	.20
Fertilize	2	Apr	1	.31	.25	-	-
Plant	2,9	Jun	1	.25	.20	.16	.13
Cultivate	2,10	Jul	1	.15	.12	.11	.98
Cultivate	2,9	Jul	1	<u>.15</u>	<u>.12</u>	<u>.09</u>	<u>.08</u>
Total				2.81	2.25	\$.95	\$ 2.39

Irrigation:

Preplant	1	1.00
Postplant	3	<u>3.00</u>
Total		4.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

PIMA COTTON, IRRIGATED, EL PASO REGION

07070112

Estimated Costs And Returns Per Acre Of Pima Cotton, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Lint	lb.	\$.48	600	\$288.00
Seed	ton	65.00	.48	31.20
Total				<u>\$319.20</u>
2. Variable Costs:				
Pre-Harvest:				
Seed	cwt.	15.00	.36	\$ 5.40
Fertilize (120-60-0)	ac.	10.80	1	10.80
Herbicide	qt.	6.25	1	6.25
Machinery	ac.	3.69	1	3.69
Tractor (1)	hr.	1.89	3.18	6.01
Tractor (2)	hr.	.65	1.13	.73
Labor, Tractor	hr.	2.00	5.38	10.76
Labor, Hoeing	hr.	1.30	8.00	10.40
Labor, Irrigation	hr.	1.50	5.00	7.50
Insecticide (custom)	application	3.25	4	13.00
Scouting	ac.	2.50	1	2.50
Pickup Expense	ac.	5.00	1	5.00
Hail Insurance	\$100	7.50	1.5	11.25
Interest on Op. Cap.	\$.08	46.65	3.73
Subtotal, Pre-Harvest				<u>\$ 97.02</u>
Harvest:				
Chemicals	ac.	4.00	1	\$ 4.00
Machinery (custom)	bale	28.00	1.2	33.60
Ginning	bale	33.00	1.2	39.60
Subtotal, Harvest				<u>\$ 77.20</u>
Total Variable Costs				\$174.22
3. Income Above Variable Costs				\$144.98
4. Fixed Costs:				
Machinery	ac.	5.80	1	\$ 5.80
Tractor (1)	hr.	2.81	3.18	8.94
Tractor (2)	hr.	.72	1.13	.81
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				<u>\$ 96.80</u>
5. Total Costs				\$271.02
6. Net Returns				\$ 48.18
7. Government Payments (600 lbs. @ 12.69¢/lb.) <u>1/</u>				\$ 76.14
8. Net Return Including Government Payment				<u>\$124.32</u>

1/ Based on planted acres. No allowance made for set-aside acreage of 30.89%.

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PIMA COTTON, IRRIGATED, EL PASO REGIONEstimated Costs, And Requirements Per Acre Of Pima Cotton, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Jan	1	.50	.40	\$.08	\$.16
Disc	1,4	Jan	1	.31	.25	.19	.35
Plow	1,5	Jan	1	.31	.25	.21	.27
Disc	1,4	Feb	1	.31	.25	.19	.35
Float	1,6	Feb	2	1.00	.80	.20	1.04
List	1,7	Feb	1	.25	.20	.08	.16
Mulch	1,8	Feb	2	.84	.67	1.73	1.54
Fertilize	2	Mar	1	.31	.25	-	-
Cultivate	2,10	Apr	1	.15	.12	.11	.98
Herbicide	2,11	Apr	1	.25	.20	.14	.18
Plant	2,9	May	1.2	.30	.24	.19	.15
Cultivate	2,10	May-Jun	2	.40	.32	.29	.39
Cultivate	1,9	Jun-Aug	3	<u>.45</u>	<u>.36</u>	<u>.28</u>	<u>.23</u>
Total				5.38	4.31	\$ 3.69	\$ 5.80

Irrigation:

Preplant	1	1.00
Postplant	4	<u>4.00</u>
Total		5.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

PIMA COTTON, IRRIGATED, EL PASO REGIONEstimated Costs And Returns Per Acre Of Pima Cotton, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Lint	lb.	\$.48	500	\$240.00
Seed	ton	65.00	.4	26.00
Total				\$266.00
2. Variable Costs:				
Pre-Harvest:				
Seed	cwt.	15.00	.36	\$ 5.40
Fertilize (100-60-0)	ac.	9.80	1	9.80
Herbicide	qt.	6.25	1	6.25
Machinery	ac.	1.53	1	1.53
Tractor (1)	hr.	1.54	4.12	6.34
Tractor (2)	hr.	.65	.57	.37
Labor, Tractor	hr.	2.00	5.88	11.76
Labor, Hoeing	hr.	1.30	6.00	7.80
Labor, Irrigation	hr.	1.50	5.00	7.50
Insecticide, (custom)	application	3.25	6.00	19.50
Pickup Expense	ac.	5.00	1	5.00
Hail Insurance	\$100	7.50	1.5	11.25
Interest on Op. Cap.	\$.08	46.25	3.70
Subtotal, Pre-Harvest				\$ 96.20
Harvest:				
Chemicals	ac.	4.00	1	\$ 4.00
Machinery (custom)	bale	28.00	1	28.00
Ginning	bale	33.00	1	33.00
Subtotal, Harvest				\$ 65.00
Total Variable Costs				\$161.20
3. Income Above Variable Costs				\$104.80
4. Fixed Costs:				
Machinery	ac.	3.45	1	\$ 3.45
Tractor (1)	hr.	2.14	4.12	8.82
Tractor (2)	hr.	.72	.57	.41
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				\$ 93.93
5. Total Costs				\$255.13
6. Net Returns				\$ 10.87
7. Government Payments (500 lbs. @ 12.69¢/lb.) <u>1/</u>				\$ 63.45
8. Net Return Including Government Payment				\$ 74.32

1/ Based on planted acres. No allowance made for set-aside acreage of 30.89%.

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PIMA COTTON, IRRIGATED, EL PASO REGIONEstimated Costs, And Requirements Per Acre Of Pima Cotton, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Jan	1	.50	.40	\$.08	\$.16
Disc	1,4	Jan	1	.38	.30	.05	.16
Plow	1,5	Feb	1	.63	.50	.17	.15
Disc	1,4	Feb	1	.38	.30	.05	.16
Float	1,6	Feb	2	1.13	.90	.23	1.17
List	1,7	Mar	1	.31	.25	.10	.13
Fertilize	2	Apr	1	.31	.25	-	-
Disc	1,4	Apr	1	.38	.30	.05	.16
List	1,7	Apr	1	.31	.25	.10	.13
Herbicide	1,12	Apr	1	.25	.20	.14	.18
Plant	1,10	May	1.2	.30	.24	.11	.40
Cultivate	2,8	Jun	2	.40	.32	.17	.23
Cultivate	1,11	Jul-Aug	4	<u>.60</u>	<u>.48</u>	<u>.28</u>	<u>.42</u>
Total				5.88	4.69	\$ 1.53	\$ 3.45

Irrigation:

Preplant	1	1.00
Postplant	4	<u>4.00</u>
Total		5.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

UPLAND COTTON, IRRIGATED, EL PASO REGIONEstimated Costs And Returns Per Acre Of Upland Cotton, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Lint	lb.	\$.30	825	\$247.50
Seed	ton	65.00	.66	42.90
Total				<u>\$290.40</u>
2. Variable Costs:				
Pre-Harvest:				
Seed	cwt.	15.00	.36	\$ 5.40
Fertilize (140-60-0)	ac.	11.80	1	11.80
Herbicide	qt.	6.25	1	6.25
Machinery	ac.	3.69	1	3.69
Tractor (1)	hr.	1.89	3.18	6.01
Tractor (2)	hr.	.65	1.13	.73
Labor, Tractor	hr.	2.00	5.38	10.76
Labor, Hoeing	hr.	1.30	8.00	10.40
Labor, Irrigation	hr.	1.50	6.00	9.00
Insecticide (custom)	application	3.25	4	13.00
Scouting	ac.	2.50	1	2.50
Pickup Expense	ac.	5.00	1	5.00
Hail Insurance	\$100	7.50	1.5	11.25
Interest on Op. Cap.	\$.08	47.90	3.83
Subtotal, Pre-Harvest				<u>\$ 99.62</u>
Harvest:				
Chemicals	ac.	4.00	1	\$ 4.00
Machinery (custom)	bale	28.00	1.65	46.20
Ginning	bale	24.00	1.65	39.60
Subtotal, Harvest				<u>\$ 89.80</u>
Total Variable Costs				\$189.52
3. Income Above Variable Costs				\$100.88
4. Fixed Costs:				
Machinery	ac.	5.80	1	\$ 5.80
Tractor (1)	hr.	2.81	3.18	8.94
Tractor (2)	hr.	.72	1.13	.81
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				<u>\$ 96.80</u>
5. Total Costs				\$286.32
6. Net Returns				\$ 4.08
7. Government Payment (825 lbs. @ 15¢/lb.) <u>1/</u>				\$123.75
8. Net Return Including Government Payment				\$127.83

1/ Based on planted acres. No allowance for set-aside acreage of 20%.

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UPLAND COTTON, IRRIGATED, EL PASO REGIONEstimated Costs, And Requirements Per Acre of Upland Cotton, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Jan	1	.50	.40	\$.08	\$.16
Disc	1,4	Jan	1	.31	.25	.19	.35
Plow	1,5	Jan	1	.31	.25	.21	.27
Disc	1,4	Feb	1	.31	.25	.19	.35
Float	1,6	Feb	2	1.00	.80	.20	1.04
List	1,7	Feb	1	.25	.20	.08	.16
Mulch	1,8	Feb	2	.84	.67	1.73	1.54
Fertilize	2	Mar	1	.31	.25	-	-
Cultivate	2,10	Apr	1	.15	.12	.11	.98
Herbicide	2,11	Apr	1	.25	.20	.14	.18
Plant	2,9	May	1.2	.30	.24	.19	.15
Cultivate	2,10	May-Jun	2	.40	.32	.29	.39
Cultivate	1,9	Jun-Aug	3	<u>.45</u>	<u>.36</u>	<u>.28</u>	<u>.23</u>
Total				5.38	4.31	\$ 3.69	\$ 5.80

Irrigation:

Preplant	1	1.00
Postplant	5	<u>5.00</u>
Total		6.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

UPLAND COTTON, IRRIGATED, EL PASO REGION

07075122

Estimated Costs And Returns Per Acre Of Upland Cotton, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Lint	lb.	\$.30	700	\$210.00
Seed	ton	65.00	.56	36.40
Total				<u>\$246.40</u>
2. Variable Costs:				
Pre-Harvest:				
Seed	cwt.	15.00	.36	\$ 5.40
Fertilize (120-60-0)	ac.	10.80	1	10.80
Herbicide	qt.	6.25	1	6.25
Machinery	ac.	1.53	1	1.53
Tractor (1)	hr.	1.54	4.12	6.34
Tractor (2)	hr.	.65	.57	.37
Labor, Tractor	hr.	2.00	5.88	11.76
Labor, Hoeing	hr.	1.30	6.00	7.80
Labor, Irrigation	hr.	1.50	6.00	9.00
Insecticide (custom)	application	3.25	6.00	19.50
Pickup Expense	ac.	5.00	1	5.00
Hail Insurance	\$100	7.50	1.5	11.25
Interest on Op. Cap.	\$.08	47.50	3.80
Subtotal, Pre-Harvest				<u>\$ 98.80</u>
Harvest:				
Chemicals	ac.	4.00	1	\$ 4.00
Machinery (custom)	bale	28.00	1.4	39.20
Ginning	bale	24.00	1.4	33.60
Subtotal, Harvest				<u>\$ 76.80</u>
Total Variable Costs				\$175.60
3. Income Above Variable Costs				\$ 70.80
4. Fixed Costs:				
Machinery	ac.	3.45	1	\$ 3.45
Tractor (1)	hr.	2.14	4.12	8.82
Tractor (2)	hr.	.72	.57	.41
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				<u>\$ 93.93</u>
5. Total Costs				\$269.53
6. Net Returns				\$(23.13)
7. Government Payment (700 lbs. @ 15¢/lb.) <u>1/</u>				\$105.00
8. Net Return Including Government Payment				\$ 81.87

1/ Based on planted acres. No allowance for set-aside acreage of 20%.

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AECO 6

Estimated Costs, And Requirements Per Acre Of Upland Cotton, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Jan	1	.50	.40	\$.08	\$.16
Disc	1,4	Jan	1	.38	.30	.05	.16
Plow	1,5	Feb	1	.63	.50	.17	.15
Disc	1,4	Feb	1	.38	.30	.05	.16
Float	1,6	Feb	2	1.13	.90	.23	1.17
List	1,7	Mar	1	.31	.25	.10	.13
Fertilize	2	Apr	1	.31	.25	-	-
Disc	1,4	Apr	1	.38	.30	.05	.16
List	1,7	Apr	1	.31	.25	.10	.13
Herbicide	1,12	Apr	1	.25	.20	.14	.18
Plant	1,10	May	1.2	.30	.24	.11	.40
Cultivate	2,8	Jun	2	.40	.32	.17	.23
Cultivate	1,11	Jul-Aug	4	<u>.60</u>	<u>.48</u>	<u>.28</u>	<u>.42</u>
Total				5.88	4.69	\$ 1.53	\$ 3.45

Irrigation:

Preplant	1	1.00
Postplant	5	<u>5.00</u>
Total		6.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

GRAIN SORGHUM, IRRIGATED, EL PASO REGION

07095112

Estimated Costs And Returns Per Acre Of Grain Sorghum, High Level Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grain sorghum	cwt.	\$ 2.25	50	\$112.50
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.17	8	\$ 1.36
Fertilize (100-50-0)	ac.	9.00	1	9.00
Machinery	ac.	1.17	1	1.17
Tractor (1)	hr.	1.89	1.98	3.74
Tractor (2)	hr.	.65	.24	.16
Labor, Tractor	hr.	2.00	2.77	5.54
Labor, Irrigation	hr.	1.50	4.00	6.00
Pickup Expense	ac.	5.00	1	5.00
Insecticide (custom)	application	3.00	1	3.00
Interest on Op. Cap.	\$.08	17.49	1.40
Subtotal, Pre-Harvest				\$ 36.37
Harvest:				
Machinery (custom)	ac.	7.00	1	\$ 7.00
Haul	cwt.	.10	50	5.00
Subtotal, Harvest				\$ 12.00
Total Variable Costs				\$ 48.37
3. Income Above Variable Costs				\$ 64.13
4. Fixed Costs:				
Machinery	ac.	3.56	1	\$ 3.56
Tractor (1)	hr.	2.81	1.98	5.56
Tractor (2)	hr.	.72	.24	.17
Irrigation (water & land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				\$ 90.54
5. Total Costs				\$138.91
6. Net Returns				\$(26.41)

Estimated Costs, And Requirements Per Acre Of Grain Sorghum, High Level Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Dec	1	.50	.40	\$.08	\$.16
Disc	1,4	Dec	1	.31	.25	.19	.35
Float	1,6	Jan	1	.50	.40	.20	.52
List	1,7	Feb	1	.25	.20	.08	.16
Mulch	2,10	Apr	1	.20	.16	.15	.20
Fertilize	2	Apr	1	.31	.25	-	-
Plant	2,9	Jun	1	.25	.20	.16	.13
Cultivate	2,10	Jun	2	.30	.24	.22	1.96
Cultivate	1,9	Jul	1	<u>.15</u>	<u>.12</u>	<u>.09</u>	<u>.08</u>
Total				2.77	2.22	\$ 1.17	\$ 3.56

Irrigation:

Preplant	1	1.00
Postplant	3	<u>3.00</u>
Total		4.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.

GRAIN SORGHUM, IRRIGATED, EL PASO REGION

Estimated Costs And Returns Per Acre Of Grain Sorghum, Typical Management

Item	Unit	Price or Cost/Unit	Quantity	Value or Cost
1. Gross receipts, from production:				
Grain Sorghum	cwt.	\$ 2.25	30	\$ 67.50
2. Variable Costs:				
Pre-Harvest:				
Seed	lb.	.17	8	\$ 1.36
Fertilize (100-50-0)	ac.	9.00	1	9.00
Machinery	ac.	.83	1	.83
Tractor (1)	hr.	1.54	1.84	2.83
Tractor (2)	hr.	.65	.73	.47
Labor, Tractor	hr.	2.00	3.21	6.42
Labor, Irrigation	hr.	1.50	4.00	6.00
Insecticide (custom)	application	3.00	1	3.00
Pickup Expense	ac.	5.00	1	5.00
Interest on Op. Cap.	\$.08	17.46	1.40
Subtotal, Pre-Harvest				\$ 36.31
Harvest:				
Machinery (custom)	ac.	7.00	1	\$ 7.00
Haul	cwt.	.10	30	3.00
Subtotal, Harvest				\$ 10.00
Total Variable Costs				\$ 46.31
3. Income Above Variable Costs				\$ 21.19
4. Fixed Costs:				
Machinery	ac.	1.93	1	\$ 1.93
Tractor (1)	hr.	2.14	1.84	3.94
Tractor (2)	hr.	.72	.73	.53
Irrigation (water and land tax)	ac.	25.00	1	25.00
Land Charge (Rent)	\$.075	750	56.25
Total Fixed Costs				\$ 87.65
5. Total Costs				\$123.96
6. Net Returns				\$(56.46)

GRAIN SORGHUM, IRRIGATED, EL PASO REGIONEstimated Costs, And Requirements Per Acre Of Grain Sorghum, Typical Management

Operation	Item No.	Date	Times Over	Labor Hours (1)	Tractor or Mach. Hrs.	Fuel, Oil, Lub., Rep. Per Acre	Fixed costs Per Acre
Shred Stalks	1,3	Jan	1	.50	.40	\$.08	\$.16
Disc	1,4	Jan	1	.38	.30	.05	.16
Float	1,6	Feb	1	.56	.45	.12	.59
List	1,7	Mar	1	.31	.25	.10	.13
Cultivate	2,8	Mar	1	.20	.16	.08	.12
Fertilize	2	Apr	1	.31	.25	-	-
Plant	1,10	Jun	1	.25	.20	.09	.33
Cultivate	2,8	Jun	2	.40	.32	.17	.23
Cultivate	1,11	Jul	2	<u>.30</u>	<u>.24</u>	<u>.14</u>	<u>.21</u>
Total				3.21	2.57	\$.83	\$ 1.93

Irrigation:

Preplant	1	1.00
Postplant	3	<u>3.00</u>
Total		4.00

(1) Labor hours calculated at 1.25 times tractor hours except where noted by *.