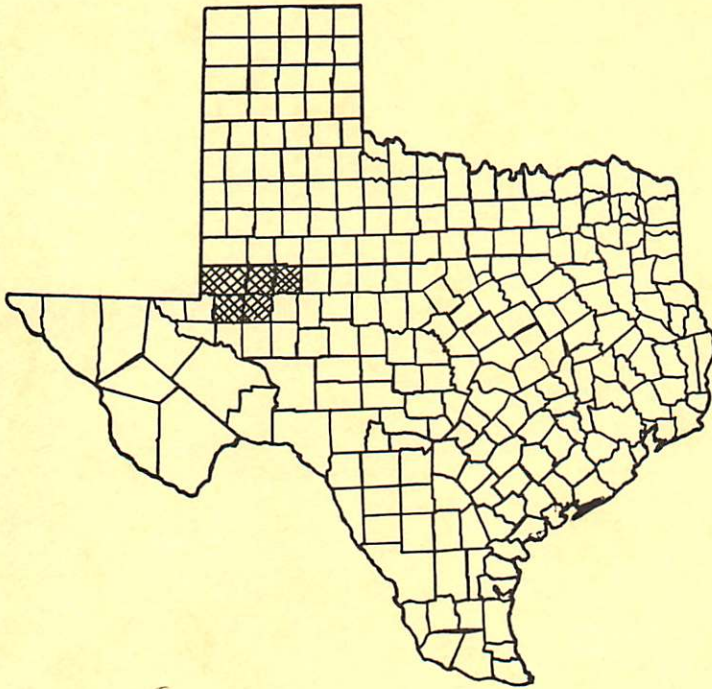


# TEXAS HIGH PLAINS V

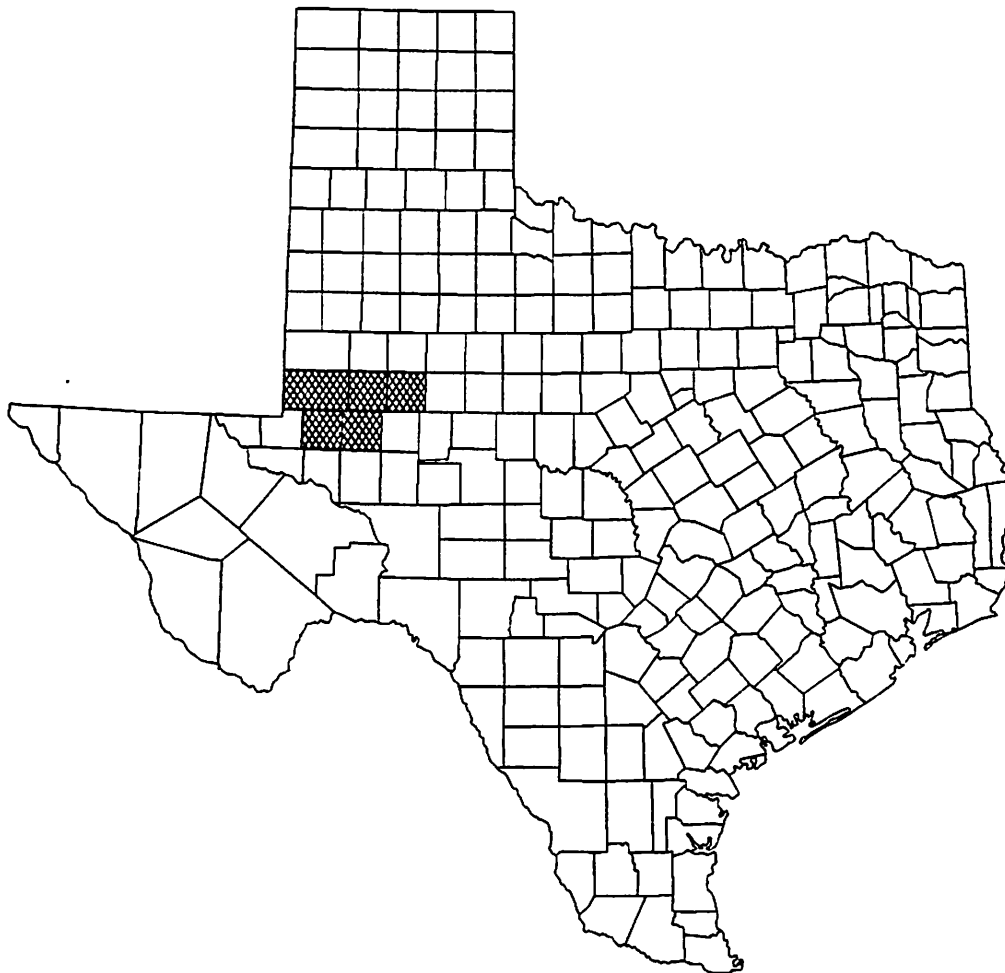
SOIL RESOURCE AREA 7



# TEXAS CROP ENTERPRISE BUDGETS

## TEXAS HIGH PLAINS V REGION

Projected for 1984



Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic level, race, color, sex, religion or national origin.

Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System 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.

COTTON, DRYLAND, HIGH PLAINS V REGION  
1984 PROJECTED COSTS AND RETURNS PER ACRE

| CATEGORY                          | PROJECTED<br>YIELD | UNIT | PROJECTED   |             | YOUR<br>ESTIMATE |
|-----------------------------------|--------------------|------|-------------|-------------|------------------|
|                                   |                    |      | \$/UNIT     | VALUE       |                  |
| 1. GROSS RECEIPTS                 |                    |      |             |             |                  |
| COTTON LINT                       | 175.00             | LB.  | 0.55        | 96.25       | _____            |
| COTTONSEED                        | 0.14               | TON  | 110.00      | 15.40       | _____            |
| DEFICIENCY PMT.                   | 175.00             | LB.  | 0.18        | 31.50       | _____            |
| TOTAL PROJECTED RETURNS           |                    |      |             | \$ 143.15   | \$ _____         |
| 2. VARIABLE COSTS                 |                    |      |             |             |                  |
| PREHARVEST COSTS                  |                    |      |             |             |                  |
| *SD COTTON-UPLAND                 | 15.00              | LB.  | 0.35        | 5.25        | _____            |
| FERTILIZER                        | 125.00             | LB.  | 0.12        | 15.00       | _____            |
| HERBICIDE                         | 1.00               | APPL | 8.00        | 8.00        | _____            |
| OTHER WD CONT HP                  | 1.00               | ACRE | 5.00        | 5.00        | _____            |
| OTHER INS. CONTR                  | 1.00               | ACRE | 2.50        | 2.50        | _____            |
| MISCELLANEOUS                     | 1.00               | ACRE | 7.50        | 7.50        | _____            |
| FUEL & LUBE--TRACTOR              |                    | ACRE |             | 10.79       | _____            |
| EQUIPMENT                         |                    | ACRE |             | 2.80        | _____            |
| REPAIRS-----TRACTOR               |                    | ACRE |             | 3.18        | _____            |
| EQUIPMENT                         |                    | ACRE |             | 1.62        | _____            |
| LABOR-----MACHINERY               | 1.63               | HOUR | 6.00        | 9.81        | _____            |
| EQUIPMENT                         | 1.19               | HOUR | 6.00        | 7.14        | _____            |
| OPERATING CAPITAL                 | 31.33              | DOL. | 0.120       | 3.76        | _____            |
| SUBTOTAL, PREHARVEST              |                    | ACRE |             | \$ 82.35    | \$ _____         |
| HARVEST COSTS                     |                    |      |             |             |                  |
| TRANSPORT MODULE                  | 0.35               | BALE | 3.00        | 1.05        | _____            |
| GIN, BAG, TIES                    | 0.35               | BALE | 51.00       | 17.85       | _____            |
| FUEL & LUBE--TRACTOR              |                    | ACRE |             | 1.35        | _____            |
| EQUIPMENT                         |                    | ACRE |             | 2.22        | _____            |
| REPAIRS-----TRACTOR               |                    | ACRE |             | 0.40        | _____            |
| EQUIPMENT                         |                    | ACRE |             | 6.82        | _____            |
| LABOR-----MACHINERY               | 0.62               | HOUR | 6.00        | 3.72        | _____            |
| EQUIPMENT                         | 0.04               | HOUR | 6.00        | 0.24        | _____            |
| SUBTOTAL, HARVEST                 |                    | ACRE |             | \$ 33.64    | \$ _____         |
| TOTAL VARIABLE COSTS              |                    | ACRE |             | \$ 115.98   | \$ _____         |
| BREAK-EVEN PRICE, VARIABLE COSTS  |                    |      | \$ 0.39/LB. | COTTON LINT |                  |
| 3. INCOME ABOVE VARIABLE COSTS    |                    | ACRE |             | \$ 27.17    | \$ _____         |
| 4. FIXED COSTS                    |                    |      |             |             |                  |
| DEPREC., INTEREST, TAXES & INSUR. |                    |      |             |             |                  |
| TRACTOR                           |                    | ACRE |             | 18.60       | _____            |
| EQUIPMENT                         |                    | ACRE |             | 42.39       | _____            |
| LAND---NET SHARE-RENT             |                    | ACRE |             | 23.45       | _____            |
| TOTAL FIXED COSTS                 |                    | ACRE |             | \$ 84.44    | \$ _____         |
| 5. TOTAL PROJECTED COSTS          |                    | ACRE |             | \$ 200.42   | \$ _____         |
| BREAK-EVEN PRICE, TOTAL COSTS     |                    |      | \$ 0.88/LB. | COTTON LINT |                  |
| 6. NET PROJECTED RETURNS          |                    | ACRE |             | \$ -57.27   | \$ _____         |

PLANTED 2 X 2. RENT IS 1/4 OF CROP LESS 1/4 OF GINNING COSTS.  
PRICE BASED ON LOAN RATE ADJUSTED FOR QUALITY.  
DEFICIENCY PAYMENT BASED ON COMPLIANCE WITH GOVT SET ASIDE PROGRAM.

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

COTTON, DRYLAND, HIGH PLAINS V REGION  
1984 PROJECTED COSTS AND RETURNS PER ACRE

| MACHINERY<br>OPERATION | ITEM<br>NO. | OPER<br>MONTH | TIMES<br>OVER | LABOR<br>HOURS | MACHINE<br>HOURS | MACH<br>OPER<br>COSTS | LABOR<br>COSTS | APPL.<br>INPUT<br>COSTS | MACH<br>FIXED<br>COSTS | TOTAL<br>OPER.<br>COST |
|------------------------|-------------|---------------|---------------|----------------|------------------|-----------------------|----------------|-------------------------|------------------------|------------------------|
| SHREDDER 4R            | 2,57        | JAN           | 1.00          | 0.205          | 0.155            | 1.94                  | 1.23           | 0.0                     | 2.91                   | 6.07                   |
| MOLDBOARD 6B           | 2,47        | JAN           | 0.30          | 0.113          | 0.086            | 1.13                  | 0.68           | 0.0                     | 1.91                   | 3.72                   |
| CHISEL                 | 2,44        | JAN           | 0.30          | 0.099          | 0.030            | 0.41                  | 0.24           | 0.0                     | 0.57                   | 1.21                   |
| HARROW/SPG. TOOTH      | 2,71        | JAN           | 1.40          | 0.096          | 0.073            | 0.85                  | 0.58           | 0.0                     | 1.70                   | 3.13                   |
| LISTER 6R              | 2,54        | MAR           | 1.10          | 0.166          | 0.126            | 1.48                  | 1.00           | 0.0                     | 1.92                   | 4.40                   |
| BED KNIFE 12R          | 2,73        | MAR           | 1.00          | 0.076          | 0.057            | 0.67                  | 0.45           | 0.0                     | 1.01                   | 2.13                   |
| BED KNIFE 12R          | 2,73        | APR           | 0.70          | 0.053          | 0.040            | 0.47                  | 0.32           | 0.0                     | 0.70                   | 1.49                   |
| PLANTER 12R            | 2,74        | MAY           | 1.60          | 0.181          | 0.137            | 1.75                  | 1.09           | 5.25                    | 3.99                   | 12.07                  |
| ROLLING CULT           | 2,31        | MAY           | 1.00          | 0.146          | 0.111            | 1.44                  | 0.88           | 0.0                     | 1.98                   | 4.29                   |
| HARROW/SPG. TOOTH      | 2,71        | MAY           | 1.00          | 0.069          | 0.052            | 0.61                  | 0.41           | 0.0                     | 1.21                   | 2.24                   |
| HARROW/SPG. TOOTH      | 2,71        | JUNE          | 1.00          | 0.069          | 0.052            | 0.61                  | 0.41           | 0.0                     | 1.21                   | 2.24                   |
| ROW KNIFE              | 2,77        | JUNE          | 2.00          | 0.161          | 0.122            | 1.45                  | 0.97           | 0.0                     | 2.03                   | 4.44                   |
| CULTIVATOR             | 2,78        | JULY          | 2.00          | 0.207          | 0.157            | 1.89                  | 1.24           | 0.0                     | 3.11                   | 6.24                   |
| CULTIVATOR             | 2,78        | AUG           | 0.50          | 0.052          | 0.039            | 0.47                  | 0.31           | 0.0                     | 0.78                   | 1.56                   |
| COTTON STRIPR SP       | 14          | NOV           | 0.50          | 0.416          | 0.333            | 7.56                  | 2.50           | 0.0                     | 8.78                   | 18.84                  |
| MODULE BUILDER         | 2,80        | NOV           | 0.50          | 0.204          | 0.154            | 2.71                  | 1.22           | 0.0                     | 5.88                   | 9.82                   |
| <b>TOTALS</b>          |             |               |               | <b>2.255</b>   | <b>1.726</b>     | <b>25.44</b>          | <b>13.53</b>   | <b>5.25</b>             | <b>39.68</b>           | <b>83.90</b>           |

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES  
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

| QUANTITY OF<br>COTTON LINT | PRICE OF COTTON LINT<br>(DOLLARS) |        |        |        |       |
|----------------------------|-----------------------------------|--------|--------|--------|-------|
|                            | 0.44                              | 0.49   | 0.55   | 0.60   | 0.66  |
| 140.00                     | -27.99                            | -22.22 | -16.44 | -10.67 | -4.89 |
| 157.50                     | -19.36                            | -12.86 | -6.36  | 0.13   | 6.63  |
| 175.00                     | -10.72                            | -3.50  | 3.72   | 10.93  | 18.15 |
| 192.50                     | -2.09                             | 5.85   | 13.80  | 21.74  | 29.68 |
| 210.00                     | 6.55                              | 15.21  | 23.88  | 32.54  | 41.20 |

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE  
VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT  
STRATEGIES.

| CODE | ITEM NAME        | NMOD  | UNIT | PRICE  | CODE  | ITEM NAME | NMOD  | UNIT  | PRICE |
|------|------------------|-------|------|--------|-------|-----------|-------|-------|-------|
| 13   | STEER CALVES     | _____ | CWT. | 72.00  | _____ | _____     | _____ | _____ | _____ |
| 14   | HEIFER CALVES    | _____ | CWT. | 62.00  | _____ | _____     | _____ | _____ | _____ |
| 17   | CULL COWS        | _____ | CWT. | 45.00  | _____ | _____     | _____ | _____ | _____ |
| 90   | DEFICIENCY PMT.  | COTT  | LB.  | 0.18   | _____ | _____     | _____ | _____ | _____ |
| 93   | COTTON LINT      | _____ | LB.  | 0.55   | _____ | _____     | _____ | _____ | _____ |
| 94   | COTTONSEED       | _____ | TON  | 110.00 | _____ | _____     | _____ | _____ | _____ |
| 103  | SALT & MIN.      | _____ | LB.  | 0.35   | _____ | _____     | _____ | _____ | _____ |
| 112  | PROT. SUPPLEMENT | _____ | LB.  | 0.12   | _____ | _____     | _____ | _____ | _____ |
| 153  | PASTURE RENT     | _____ | HEAD | 75.00  | _____ | _____     | _____ | _____ | _____ |
| 210  | FERTILIZER       | _____ | LB.  | 0.12   | _____ | _____     | _____ | _____ | _____ |
| 282  | GIN, BAG, TIES   | _____ | BALE | 51.00  | _____ | _____     | _____ | _____ | _____ |
| 291  | SD COTTON-UPLAND | _____ | LB.  | 0.35   | _____ | _____     | _____ | _____ | _____ |
| 392  | MARKETING        | LIVE  | HEAD | 2.00   | _____ | _____     | _____ | _____ | _____ |
| 393  | MISC EXPENSE     | LIVE  | HEAD | 20.00  | _____ | _____     | _____ | _____ | _____ |
| 410  | VET MEDICINE     | _____ | HEAD | 4.00   | _____ | _____     | _____ | _____ | _____ |
| 501  | HERBICIDE        | COTT  | APPL | 8.00   | _____ | _____     | _____ | _____ | _____ |
| 504  | OTHER INS. CONTR | COTD  | ACRE | 2.50   | _____ | _____     | _____ | _____ | _____ |
| 505  | MISCELLANEOUS    | COTD  | ACRE | 7.50   | _____ | _____     | _____ | _____ | _____ |
| 506  | TRANSPORT MODULE | COTT  | BALE | 3.00   | _____ | _____     | _____ | _____ | _____ |
| 510  | OTHER WD CONT HP | COTT  | ACRE | 5.00   | _____ | _____     | _____ | _____ | _____ |

- |          |          |           |           |           |           |           |
|----------|----------|-----------|-----------|-----------|-----------|-----------|
| 1 = HEAD | 6 = BALE | 11 = ACIN | 15 = DOL. | 19 = FEET | 23 = CRTN | 27 = EACH |
| 2 = BU.  | 7 = ACRE | 12 = LB.  | 16 = CWT. | 20 = APPL | 24 = CRAT | 28 = GPM  |
| 3 = TON  | 8 = HOUR | 13 = PINT | 17 = OZ.  | 21 = SQFT | 25 = BAGS | 29 = KWH  |
| 4 = DOZ. | 9 = DAYS | 14 = QT.  | 18 = MILE | 22 = LBGN | 26 = TREE | 30 = MCF  |
| 5 = GAL. | 10 = AUM |           |           |           |           |           |

TABLE . DEFAULT PARAMETER VALUES AND DEFINITIONS  
 REGION: 7 DATE: 011784

| ROW | PARAMETER DEFINITION   | DEFAULT VALUE |
|-----|--|---------------|
| 1.  | PRICE PER GALLON OF GASOLINE                                 | 1.1200        |
| 2.  | PRICE PER GALLON OF L.P. GAS                                 | 0.4400        |
| 3.  | PRICE PER GALLON OF DIESEL                                   | 1.0300        |
| 4.  | PRICE PER KILOWATT HOUR OF ELECTRICITY                       | 0.0500        |
| 5.  | PRICE PER 1000 CU. FT. OF NATURAL GAS                        | 0.0           |
| 6.  | NOMINAL INTEREST RATE  | 0.1200        |
| 7.  | MACHINERY INSUR. RATE (AVERAGE INVESTMENT)                   | 0.0100        |
| 8.  | MACHINERY TAX RATE (PURCHASE VALUE)                          | 0.0           |
| 9.  | IRRIGATION SYSTEM NUMBER                                     | 1.            |
| 10. | HOURLY MACHINERY WAGE RATE                                   | 6.00          |
| 11. | HOURLY OTHER LABOR WAGE RATE                                 | 6.00          |
| 12. | HOURLY IRRIG./LIVESTOCK WAGE RATE                            | 6.00          |
| 13. | DEATH LOSS (PERCENT OF TOTAL RECEIPTS)                       | 0.0           |
| 14. | LIVESTOCK INSUR. RATE (AVERAGE INVESTMENT)                   | 0.0100        |
| 15. | EQUIPMENT INSUR. RATE (AVERAGE INVESTMENT)                   | 0.0100        |
| 16. | LIVESTOCK TAX RATE (AVERAGE VALUE)                           | 0.0050        |
| 17. | EQUIPMENT TAX RATE (AVERAGE VALUE)                           | 0.0           |
| 18. | IRRIGATION LABOR MULTIPLIER (HRS/ACIN)                       | 0.2000        |
| 19. | FACTOR TO CONVERT MACHINE HRS TO TRACTOR HRS                 | 1.1000        |
| 20. | FACTOR TO CONVERT TRACTOR HRS TO LABOR HRS                   | 1.2000        |
| 21. | FACTOR TO CONVERT SELF-POWERED MACHINERY HRS<br>TO LABOR HRS | 1.2500        |
| 22. | LUBRICATION COST MULTIPLE OF MACHINERY<br>FUEL COSTS         | 0.1000        |
| 23. | INFLATION RATE   | 0.0           |
| 24. | LUBRICATION COST MULTIPLE OF EQUIPMENT<br>FUEL COSTS         | 0.0500        |

LISTING OF ECONOMIC AND ENGINEERING DATA FOR MACHINERY IN REGION 7

DATE:011684

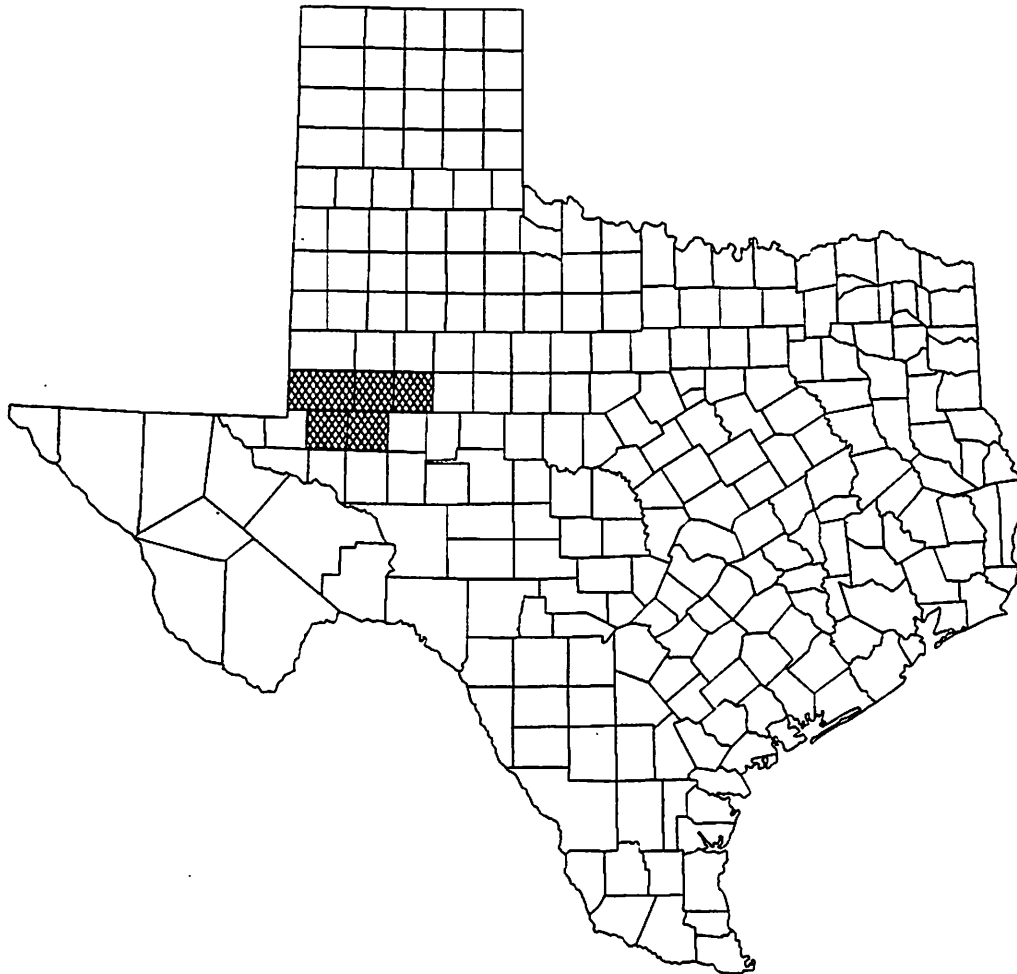
OUT4

| MACHINE           | 1<br>CODE<br>NO. | 2<br>WIDTH<br>(FT) | 3<br>LIST<br>PRICE | 4<br>SPEED<br>(MPH) | 5<br>FIELD<br>EFF. | 6<br>RC1 | 7<br>AGE<br>(HRS) | 8<br>RC3 | 9<br>ANNUAL<br>HRS | 10<br>YEARS<br>OWNED | 11<br>RFV1 | 12<br>RFV2 | 13<br>PURCH<br>PRICE | 14<br>FUEL<br>TYPE | 15<br>LIFE<br>(HRS) | 16<br>HP |
|-------------------|------------------|--------------------|--------------------|---------------------|--------------------|----------|-------------------|----------|--------------------|----------------------|------------|------------|----------------------|--------------------|---------------------|----------|
| TRACTOR           | 1.               | 150.0              | 50250.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.80     | 500.               | 7.                   | 0.88       | 0.92       | 45225.               | 3.                 | 12000.              | 150.     |
| TRACTOR           | 2.               | 125.0              | 43775.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.80     | 800.               | 7.                   | 0.88       | 0.92       | 39400.               | 3.                 | 12000.              | 125.     |
| TRACTOR           | 3.               | 100.0              | 37400.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.80     | 500.               | 7.                   | 0.88       | 0.92       | 33850.               | 3.                 | 12000.              | 100.     |
| TRACTOR           | 4.               | 75.0               | 24500.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.80     | 300.               | 7.                   | 0.88       | 0.92       | 22050.               | 3.                 | 12000.              | 75.      |
| TRACTOR           | 5.               | 40.0               | 14425.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.80     | 300.               | 7.                   | 0.88       | 0.92       | 12950.               | 3.                 | 12000.              | 40.      |
| TRACTOR 4 WH DR   | 5.               | 225.0              | 78875.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.80     | 800.               | 7.                   | 0.88       | 0.92       | 71850.               | 3.                 | 12000.              | 225.     |
| COTTON STRIPR SP  | 14.              | 5.8                | 45000.             | 2.8                 | 0.87               | 0.80     | 0.                | 1.80     | 300.               | 7.                   | 0.80       | 0.88       | 40000.               | 3.                 | 2100.               | 105.     |
| ROLLING CULT      | 31.              | 28.8               | 4500.              | 3.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.80       | 0.88       | 4500.                | 0.                 | 2000.               | 0.       |
| OFFSET DISC       | 43.              | 28.0               | 15000.             | 4.5                 | 0.83               | 0.85     | 0.                | 1.80     | 200.               | 7.                   | 0.80       | 0.88       | 14000.               | 0.                 | 2000.               | 0.       |
| CHISEL            | 48.              | 23.0               | 8200.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.80       | 0.88       | 5700.                | 0.                 | 2000.               | 0.       |
| CHISEL            | 48.              | 41.0               | 11500.             | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.80       | 0.88       | 11000.               | 0.                 | 2000.               | 0.       |
| MOLDSBOARD 6B     | 47.              | 8.0                | 5000.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 100.               | 7.                   | 0.80       | 0.88       | 4500.                | 0.                 | 2000.               | 0.       |
| LISTER SR         | 54.              | 20.0               | 1550.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.80       | 0.88       | 1400.                | 0.                 | 2000.               | 0.       |
| SHREDDER 4R       | 57.              | 13.3               | 5810.              | 5.0                 | 0.80               | 0.80     | 0.                | 1.80     | 180.               | 8.                   | 0.80       | 0.88       | 4850.                | 0.                 | 2000.               | 0.       |
| HARROW/SPG. TOOTH | 71.              | 33.0               | 3850.              | 6.0                 | 0.80               | 0.85     | 0.                | 1.80     | 85.                | 8.                   | 0.80       | 0.88       | 3450.                | 0.                 | 2000.               | 0.       |
| LISTER 12R        | 72.              | 40.0               | 10500.             | 4.5                 | 0.80               | 0.85     | 0.                | 1.80     | 35.                | 8.                   | 0.80       | 0.88       | 5400.                | 0.                 | 2000.               | 0.       |
| BED KNIFE 12R     | 73.              | 40.0               | 2430.              | 4.5                 | 0.80               | 0.85     | 0.                | 1.80     | 100.               | 8.                   | 0.80       | 0.88       | 2270.                | 0.                 | 2000.               | 0.       |
| PLANTER 12R       | 74.              | 40.0               | 7820.              | 4.0                 | 0.80               | 0.75     | 0.                | 1.80     | 75.                | 8.                   | 0.80       | 0.88       | 6330.                | 0.                 | 2000.               | 0.       |
| ROW KNIFE         | 77.              | 40.0               | 2830.              | 4.5                 | 0.75               | 0.85     | 0.                | 1.80     | 130.               | 8.                   | 0.80       | 0.88       | 2270.                | 0.                 | 2000.               | 0.       |
| CULTIVATOR        | 78.              | 40.0               | 4550.              | 3.5                 | 0.75               | 0.85     | 0.                | 1.80     | 105.               | 8.                   | 0.80       | 0.88       | 3650.                | 0.                 | 2000.               | 0.       |
| MODULE BUILDER    | 80.              | 13.3               | 22000.             | 3.0                 | 0.87               | 0.75     | 0.                | 1.80     | 150.               | 8.                   | 0.80       | 0.88       | 21000.               | 0.                 | 2000.               | 0.       |

# TEXAS LIVESTOCK ENTERPRISE BUDGETS

## TEXAS HIGH PLAINS V REGION

Projected for 1984



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COW-CALF BUDGET, TEXAS HIGH PLAINS V REGION  
 1984 PROJECTED COSTS AND RETURNS PER HEAD

| INVESTMENT REQUIREMENTS  |           |           |             | PROJECTED |           | YOUR     |            |
|--|-----------|-----------|-------------|-----------|-----------|----------|------------|
|  | NUMBER    | UNIT      | SIZE        | \$/UNIT   | VALUE     | ESTIMATE |            |
| COW  | 1.00      | HEAD      | 1.00        | 458.33    | 458.33    |          |            |
| BULL   | 0.07      | HEAD      | 1.00        | 1375.00   | 92.12     |          |            |
| HORSE  | 0.02      | HEAD      | 1.00        | 1187.50   | 29.69     |          |            |
| TOTAL LIVESTOCK INVESTMENT   |           |           |             |           | \$ 580.15 | \$       |            |
| PRODUCTION   |           |           |             | PROJECTED |           |          |            |
|  | NUMBER    | WGT. EACH | TOTAL UNITS | \$/UNIT   | RETURN    |          |            |
| STEER CALVES   | 0.43      | 5.50      | 2.3 CWT.    | 72.00     | 168.30    |          |            |
| HEIFER CALVES  | 0.31      | 5.20      | 1.6 CWT.    | 62.00     | 98.33     |          |            |
| CULL COWS  | 0.10      | 10.00     | 1.0 CWT.    | 45.00     | 45.00     |          |            |
| TOTAL PROJECTED RETURNS  |           |           |             |           | \$ 311.63 | \$       |            |
| OPERATING INPUTS   |           |           |             | PROJECTED |           |          |            |
|  | INPUT USE | UNIT      |             | \$/UNIT   | COST      |          |            |
| PROT. SUPPLEMENT   | 400.00    | LB.       |             | 0.12      | 48.00     |          |            |
| SALT & MIN.  | 12.00     | LB.       |             | 0.35      | 4.20      |          |            |
| VET MEDICINE   | 1.00      | HEAD      |             | 4.00      | 4.00      |          |            |
| MARKETING  | 1.00      | HEAD      |             | 2.00      | 2.00      |          |            |
| MISC EXPENSE   | 1.00      | HEAD      |             | 20.00     | 20.00     |          |            |
| EQUIPMENT FUEL AND LUBE  |           |           |             |           | 11.52     |          |            |
| EQUIPMENT REPAIR   |           |           |             |           | 4.76      |          |            |
| TOTAL OPERATING COST   |           |           |             |           | \$ 94.49  | \$       |            |
| RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP,<br>MANAGEMENT, AND PROFIT |           |           |             |           | \$ 217.14 | \$       |            |
| CAPITAL INVESTMENT   |           |           |             | QUANTITY  | UNIT      | RATE OF  | PROJECTED  |
|  |           |           |             | INVESTED  |           | RETURN   | COST       |
| ANNUAL OPERATING CAPITAL   | 80.88     | DOL.      | 0.120       |           |           |          | 9.71       |
| EQUIPMENT INVESTMENT   | 90.80     | DOL.      | 0.120       |           |           |          | 10.90      |
| LIVESTOCK INVESTMENT   | 580.15    | DOL.      | 0.120       |           |           |          | 69.62      |
| TOTAL CAPITAL COST   |           |           |             |           |           |          | \$ 90.22   |
| RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT,<br>AND PROFIT          |           |           |             |           |           |          | \$ 126.92  |
| OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)                           |           |           |             | PROJECTED |           |          |            |
|  |           |           |             |           | COST      |          |            |
| EQUIPMENT  |           |           |             |           | 11.31     |          |            |
| LIVESTOCK  |           |           |             |           | 31.84     |          |            |
| TOTAL OWNERSHIP COST   |           |           |             |           | \$ 43.15  | \$       |            |
| RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT                        |           |           |             |           | \$ 83.77  | \$       |            |
| OPERATOR LABOR COSTS   |           |           |             | LABOR USE | UNIT      | RATE OF  | PROJECTED  |
|  |           |           |             |           |           | RETURN   | COST       |
| EQUIPMENT  | 4.90      | HOUR      | 6.00        |           |           |          | 29.40      |
| LIVESTOCK  | 11.00     | HOUR      | 6.00        |           |           |          | 66.00      |
| TOTAL LABOR COST   |           |           |             |           |           |          | \$ 95.40   |
| RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT                               |           |           |             |           |           |          | \$ -11.63  |
| LAND COSTS   |           |           |             | INPUT USE | UNIT      | RATE OF  | PROJECTED  |
|  |           |           |             |           |           | RETURN   | COST       |
| PASTURE RENT   | 1.20      | HEAD      | 75.00       |           |           |          | 90.00      |
| TOTAL LAND COST  |           |           |             |           |           |          | \$ 90.00   |
| RESIDUAL RETURNS TO MANAGEMENT AND PROFIT                                      |           |           |             |           |           |          | \$ -101.63 |
| TOTAL PROJECTED COST OF PRODUCTION   |           |           |             |           |           |          | \$ 413.26  |

85% CALF CROP, 20 COWS PER BULL, 2% DEATH LOSS,  
 12% REPLACEMENT RATE, 300 COW RANCH

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.



LISTING OF ECONOMIC AND ENGINEERING DATA FOR EQUIPMENT IN REGION 7

DATE:010364

LUT4

| EQUIPMENT NAME | 1<br>CODE | 2<br>SIZE | 3<br>UNIT | 4<br>TYPE | 5<br>LIST<br>PRICE | 6<br>PURCH.<br>PRICE | 7<br>LIFE<br>(YRS) | 8<br>SALV.<br>[%LP] | 9<br>REPAIR<br>[%LP] | 10<br>FUEL<br>USE | 11<br>ANNUAL<br>LABOR | 12<br>ANNUAL<br>USE | 13<br>XXXXXX | 14<br>XXXXXX | 15<br>EFF. |
|----------------|-----------|-----------|-----------|-----------|--------------------|----------------------|--------------------|---------------------|----------------------|-------------------|-----------------------|---------------------|--------------|--------------|------------|
| PU-TP          | 1.        | 1.        | 3.        | 2.        | 8000.              | 8000.                | 3.                 | 0.40                | 0.10                 | 0.3               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| PU-EP          | 2.        | 1.        | 3.        | 2.        | 8000.              | 8000.                | 3.                 | 0.40                | 0.10                 | 0.3               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| PU-HP          | 3.        | 1.        | 3.        | 2.        | 8000.              | 8000.                | 3.                 | 0.40                | 0.10                 | 0.3               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| EQUIP-TP       | 4.        | 100.      | 15.       | 2.        | 100.               | 100.                 | 10.                | 0.50                | 0.50                 | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| EQUIP-EP       | 5.        | 100.      | 15.       | 2.        | 100.               | 100.                 | 10.                | 0.50                | 0.50                 | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| EQUIP-HP       | 6.        | 100.      | 15.       | 2.        | 100.               | 100.                 | 10.                | 0.50                | 0.50                 | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| PICKUP TRUCK   | 10.       | 1.        | 0.        | 2.        | 10500.             | 9500.                | 7.                 | 0.20                | 0.17                 | 1400.0            | 700.0                 | 0.0                 | 0.0          | 1.00         | 0.0        |
| COTTON TRAILER | 50.       | 3.        | 8.        | 2.        | 12500.             | 10000.               | 8.                 | 0.20                | 0.10                 | 0.0               | 4.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| CDW-TP         | 51.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 6.                 | 0.80                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| CDW            | 52.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 6.                 | 0.80                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| CDW-HP         | 53.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 6.                 | 0.80                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| BULL-TP        | 54.       | 1.        | 1.        | 1.        | 1500.              | 1500.                | 6.                 | 0.80                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| BULL           | 55.       | 1.        | 1.        | 1.        | 1500.              | 1500.                | 6.                 | 0.80                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| BULL-HP        | 56.       | 1.        | 1.        | 1.        | 1500.              | 1500.                | 6.                 | 0.80                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| EWE-TP         | 57.       | 1.        | 1.        | 1.        | 80.                | 80.                  | 5.                 | 0.40                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| EWE-EP         | 58.       | 1.        | 1.        | 1.        | 80.                | 80.                  | 5.                 | 0.40                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| EWE-HP         | 59.       | 1.        | 1.        | 1.        | 80.                | 80.                  | 5.                 | 0.40                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| RAM-TP         | 60.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 3.                 | 0.30                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| RAM-EP         | 61.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 3.                 | 0.30                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| RAM-HP         | 62.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 3.                 | 0.30                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| DOE-TP         | 63.       | 1.        | 1.        | 1.        | 90.                | 90.                  | 5.                 | 0.20                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| DOE-EP         | 64.       | 1.        | 1.        | 1.        | 90.                | 90.                  | 5.                 | 0.20                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| DOE-HP         | 65.       | 1.        | 1.        | 1.        | 90.                | 90.                  | 5.                 | 0.20                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| BUCK-TP        | 66.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 4.                 | 0.20                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| BUCK-EP        | 67.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 4.                 | 0.20                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| BUCK-HP        | 68.       | 1.        | 1.        | 1.        | 500.               | 500.                 | 4.                 | 0.20                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| HORSE-TP       | 69.       | 1.        | 1.        | 1.        | 800.               | 800.                 | 6.                 | 0.50                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| HORSE          | 70.       | 1.        | 1.        | 1.        | 1500.              | 1500.                | 6.                 | 0.50                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |
| HORSE-HP       | 71.       | 1.        | 1.        | 1.        | 800.               | 800.                 | 6.                 | 0.50                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0          | 0.0          | 0.0        |