

PROJECTIONS FOR PLANNING PURPOSES ONLY  
NOT TO BE USED WITHOUT UPDATING AFTER 02/12/82.

B-1241 (C 1)

PERMANENT PASTURE, IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I REGN  
1982 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 |
|------------------------|-------------|---------------|---------------|----------------|------------------|-----------------------|----------------|-------------------------|------------------------|------------------------|
| TOTALS                 |             |               |               | 0.0            | 0.0              | 0.0                   | 0.0            | 0.0                     | 0.0                    | 0.0                    |

| IRRIGATION<br>APPLICATION | APPL.<br>MONTH | ACRE<br>INCHES | LABOR<br>HOURS | SYSTEM<br>HOURS | IRRIG<br>OPER.<br>COSTS | LABOR<br>COSTS | APPL.<br>INPUT<br>COSTS | IRRIG<br>FIXED<br>COSTS | TOTAL<br>IRRIG<br>COSTS |
|---------------------------|----------------|----------------|----------------|-----------------|-------------------------|----------------|-------------------------|-------------------------|-------------------------|
| WATER APPLICATION         | MAR            | 6.00           | 0.600          | 0.0             | 23.22                   | 3.00           | 0.0                     | 3.18                    | 29.40                   |
| WATER APPLICATION         | APR            | 4.00           | 0.400          | 0.0             | 15.48                   | 2.00           | 0.0                     | 2.12                    | 19.60                   |
| WATER APPLICATION         | MAY            | 4.00           | 0.400          | 0.0             | 15.48                   | 2.00           | 0.0                     | 2.12                    | 19.60                   |
| WATER APPLICATION         | JUNE           | 4.00           | 0.400          | 0.0             | 15.48                   | 2.00           | 0.0                     | 2.12                    | 19.60                   |
| WATER APPLICATION         | JULY           | 4.00           | 0.400          | 0.0             | 15.48                   | 2.00           | 0.0                     | 2.12                    | 19.60                   |
| WATER APPLICATION         | AUG            | 4.00           | 0.400          | 0.0             | 15.48                   | 2.00           | 0.0                     | 2.12                    | 19.60                   |
| TOTALS                    |                | 26.00          | 2.600          | 0.0             | 100.62                  | 13.00          | 0.0                     | 13.78                   | 127.40                  |

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

|                        |      | PRICE OF PASTURE<br>(DOLLARS) |        |        |        |        |
|------------------------|------|-------------------------------|--------|--------|--------|--------|
|                        |      | 117.06                        | 131.69 | 146.32 | 160.95 | 175.58 |
| QUANTITY OF<br>PASTURE | ACRE |                               |        |        |        |        |
|                        | 0.80 | -42.67                        | -30.97 | -19.26 | -7.56  | 4.15   |
|                        | 0.90 | -35.97                        | -22.80 | -9.63  | 3.54   | 16.71  |
|                        | 1.00 | -29.26                        | -14.63 | 0.0    | 14.63  | 29.26  |
|                        | 1.10 | -22.56                        | -6.46  | 9.63   | 25.73  | 41.82  |
|                        | 1.20 | -15.85                        | 1.71   | 19.26  | 36.82  | 54.38  |

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



LISTING OF THE NAME SET AND PRICE VECTOR      REGION NUMBER:      1      DATE:      021282

| CODE | ITEM NAME        | NMOD | UNIT | PRICE  | CODE | ITEM NAME       | NMOD | UNIT | PRICE |
|------|------------------|------|------|--------|------|-----------------|------|------|-------|
| 6    | STOCKER STEERS   | ---- | CWT. | 70.00  | 502  | HAYALFALFA      | ---- | TON  | 60.00 |
| 8    | FEEDER STEERS    | ---- | CWT. | 65.00  | 513  | INSECTICIDE     | WHET | APPL | 5.50  |
| 13   | STEER CALVES     | ---- | CWT. | 72.50  | 514  | CSTM HAUL WHEAT | ---- | BU.  | 0.10  |
| 14   | HEIFER CALVES    | ---- | CWT. | 62.50  | 516  | CUSTOM HAUL     | GS   | CWT. | 0.25  |
| 17   | CULL COWS        | ---- | CWT. | 46.00  | 517  | INSECTICIDE     | GS   | ACRE | 8.00  |
| 72   | CORN             | ---- | BU.  | 2.85   | 526  | HERBICIDE       | SB   | ACRE | 12.00 |
| 73   | GRAIN SORGHUM    | ---- | CWT. | 4.65   | 527  | CUSTOM HARVEST  | SOYB | ACRE | 10.00 |
| 76   | WHEAT            | ---- | BU.  | 3.85   | 530  | INSECT. CORN    | ---- | ACRE | 30.00 |
| 98   | SOYBEANS         | ---- | BU.  | 10.00  | 531  | HERBICIDE       | CORN | ACRE | 12.00 |
| 103  | SALT & MIN.      | ---- | LB.  | 0.07   | 534  | GRAZING         | SORG | LB.  | 0.40  |
| 107  | COTTONSEED CAKE  | ---- | LB.  | 0.10   | 536  | CUST HAUL       | SB   | BU.  | 0.10  |
| 146  | DEATH LOSS       | ---- | DOL. | 400.00 | 540  | FENCE REPAIR    | STKR | DAYS | 0.05  |
| 153  | PASTURE RENT     | ---- | ACRE | 4.00   | 542  | HERBICIDE       | GS   | ACRE | 15.00 |
| 161  | CORN SILAGE      | ---- | TON  | 16.00  | ---- | ----            | ---- | ---- | ----  |
| 170  | HAY              | ---- | BALE | 2.00   | ---- | ----            | ---- | ---- | ----  |
| 175  | SORGHUM HAY      | ---- | TON  | 50.00  | ---- | ----            | ---- | ---- | ----  |
| 177  | RANGE IMPROVEMEN | ---- | ACRE | 0.40   | ---- | ----            | ---- | ---- | ----  |
| 179  | WHEAT PASTURE    | ---- | DAYS | 0.23   | ---- | ----            | ---- | ---- | ----  |
| 180  | WHEAT GRAZING    | ---- | DAYS | 0.13   | ---- | ----            | ---- | ---- | ----  |
| 181  | SEED WHEAT       | ---- | BU.  | 5.00   | ---- | ----            | ---- | ---- | ----  |
| 184  | SEED CORN/GRAIN  | ---- | BAGS | 48.00  | ---- | ----            | ---- | ---- | ----  |
| 185  | SEED CORN/SILAGE | ---- | BAGS | 54.00  | ---- | ----            | ---- | ---- | ----  |
| 186  | GRAIN SORG. SEED | ---- | LB.  | 0.60   | ---- | ----            | ---- | ---- | ----  |
| 187  | FORAGE SORG SEED | ---- | LB.  | 0.60   | ---- | ----            | ---- | ---- | ----  |
| 188  | ALFALFA SEED     | ---- | LB.  | 2.39   | ---- | ----            | ---- | ---- | ----  |
| 199  | SOYBEAN SEED     | ---- | LB.  | 0.15   | ---- | ----            | ---- | ---- | ----  |
| 200  | SEED             | ---- | LB.  | 1.00   | ---- | ----            | ---- | ---- | ----  |
| 205  | FERT (N) APPL'D  | ---- | LB.  | 0.14   | ---- | ----            | ---- | ---- | ----  |
| 206  | FERT (P) APPL'D  | ---- | LB.  | 0.10   | ---- | ----            | ---- | ---- | ----  |
| 250  | HERBICIDE        | SORG | ACRE | 6.00   | ---- | ----            | ---- | ---- | ----  |
| 251  | 2-4-0            | ---- | ACRE | 12.00  | ---- | ----            | ---- | ---- | ----  |
| 269  | CUST HARV WHEAT  | ---- | ACRE | 8.00   | ---- | ----            | ---- | ---- | ----  |
| 270  | CUST HARV SORG D | ---- | ACRE | 8.00   | ---- | ----            | ---- | ---- | ----  |
| 271  | CUST HARV SORG I | ---- | CWT. | 0.35   | ---- | ----            | ---- | ---- | ----  |
| 272  | CUST HARV CORN   | ---- | BU.  | 0.25   | ---- | ----            | ---- | ---- | ----  |
| 319  | CUSTOM DRYING    | ---- | BU.  | 0.12   | ---- | ----            | ---- | ---- | ----  |
| 322  | CUSTOM HAULING   | ---- | BU.  | 0.05   | ---- | ----            | ---- | ---- | ----  |
| 340  | CUSTOM BALING    | ---- | BALE | 0.60   | ---- | ----            | ---- | ---- | ----  |
| 383  | MARKETING        | ---- | HEAD | 5.00   | ---- | ----            | ---- | ---- | ----  |
| 395  | FENCE REPAIR     | ---- | HEAD | 4.00   | ---- | ----            | ---- | ---- | ----  |
| 396  | WATER FACIL REPR | ---- | HEAD | 2.50   | ---- | ----            | ---- | ---- | ----  |
| 398  | CORRAL REPAIR    | ---- | HEAD | 1.55   | ---- | ----            | ---- | ---- | ----  |
| 400  | MISC EXPENSE     | ---- | DOL. | 1.00   | ---- | ----            | ---- | ---- | ----  |
| 409  | VET & PROCESSING | ---- | DOL. | 1.00   | ---- | ----            | ---- | ---- | ----  |
| 410  | VET MEDICINE     | LIVE | DOL. | 1.00   | ---- | ----            | ---- | ---- | ----  |
| 451  | HAIL INSURANCE   | ---- | DOL. | 0.15   | ---- | ----            | ---- | ---- | ----  |
| 465  | IRRIG. EQUIP.    | FURR | ACIN | 1.06   | ---- | ----            | ---- | ---- | ----  |
| 466  | IRRIG. EQUIP.    | SPRI | ACIN | 1.61   | ---- | ----            | ---- | ---- | ----  |
| 467  | IRR EQUIP (50%)  | FURR | ACIN | 0.53   | ---- | ----            | ---- | ---- | ----  |
| 485  | HAULING & MKTG.  | STOC | CWT. | 1.20   | ---- | ----            | ---- | ---- | ----  |

|          |          |           |           |           |           |           |
|----------|----------|-----------|-----------|-----------|-----------|-----------|
| = HEAD   | 6 = BALE | 11 = ACIN | 15 = DOL. | 19 = FEET | 23 = CRTN | 27 = EACH |
| = 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: 1 DATE: 021282

| ROW | PARAMETER DEFINITION                                         | DEFAULT VALUE |
|-----|--------------------------------------------------------------|---------------|
| 1.  | PRICE PER GALLON CF GASOLINE                                 | 1.0500        |
| 2.  | PRICE PER GALLON OF L.P. GAS                                 | 0.6500        |
| 3.  | PRICE PER GALLON OF DIESEL                                   | 1.0000        |
| 4.  | PRICE PER KILOWATT HOUR OF ELECTRICITY                       | 0.0400        |
| 5.  | PRICE PER 1000 CU. FT. OF NATURAL GAS                        | 0.0           |
| 6.  | NOMINAL INTEREST RATE                                        | 0.1800        |
| 7.  | MACHINERY INSUR. RATE (AVERAGE INVESTMENT)                   | 0.0100        |
| 8.  | MACHINERY TAX RATE (PURCHASE VALUE)                          | 0.0050        |
| 9.  | IRRIGATION SYSTEM NUMBER                                     | 1.            |
| 10. | HOURLY MACHINERY WAGE RATE                                   | 5.00          |
| 11. | HOURLY OTHER LABOR WAGE RATE                                 | 5.00          |
| 12. | HOURLY IRRIG./LIVESTOCK WAGE RATE                            | 5.00          |
| 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)                           | 0.0050        |
| 18. | IRRIGATION LABOR MULTIPLIER (HRS/ACIN)                       | 0.0840        |
| 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 1

DATE:021582

| 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              | 39030.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 500.               | 7.                   | 0.68       | 0.92       | 35130.               | 3.                 | 12000.              | 150.     |
| TRACTOR          | 2.               | 125.0              | 32330.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 600.               | 7.                   | 0.68       | 0.92       | 29100.               | 3.                 | 12000.              | 125.     |
| TRACTOR          | 3.               | 100.0              | 27940.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 500.               | 7.                   | 0.68       | 0.92       | 25150.               | 3.                 | 12000.              | 100.     |
| TRACTOR          | 4.               | 75.0               | 18370.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 300.               | 7.                   | 0.68       | 0.92       | 16530.               | 3.                 | 12000.              | 75.      |
| TRACTOR          | 5.               | 40.0               | 11200.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 300.               | 7.                   | 0.68       | 0.92       | 10080.               | 3.                 | 12000.              | 40.      |
| TRACTOR 4 WH DR  | 6.               | 225.0              | 57650.             | 4.5                 | 0.88               | 1.20     | 0.                | 1.60     | 600.               | 7.                   | 0.68       | 0.92       | 51885.               | 3.                 | 12000.              | 225.     |
| PICKUP TRUCK     | 10.              | 0.5                | 8500.              | 30.0                | 0.88               | 0.80     | 0.                | 1.60     | 700.               | 3.                   | 0.60       | 0.88       | 7650.                | 1.                 | 2800.               | 30.      |
| PICKUP 4 WH DR.  | 11.              | 0.5                | 8300.              | 30.0                | 0.88               | 0.80     | 0.                | 1.60     | 700.               | 3.                   | 0.60       | 0.88       | 7000.                | 1.                 | 4000.               | 1.       |
| COTTON STRIPR SP | 14.              | 6.6                | 45000.             | 2.8                 | 0.67               | 0.60     | 0.                | 1.60     | 300.               | 7.                   | 0.60       | 0.88       | 40000.               | 3.                 | 2100.               | 105.     |
| SWATHER S.P.     | 23.              | 14.0               | 26000.             | 5.0                 | 0.77               | 1.00     | 0.                | 1.30     | 300.               | 5.                   | 0.66       | 0.88       | 25000.               | 3.                 | 1500.               | 100.     |
| ROLLING CULT     | 30.              | 20.0               | 3500.              | 3.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 3200.                | 0.                 | 2000.               | 0.       |
| ROLLING CULT     | 31.              | 26.6               | 4500.              | 3.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 4500.                | 0.                 | 2000.               | 0.       |
| PLEX ROT HOE     | 32.              | 20.0               | 2500.              | 8.0                 | 0.80               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 2300.                | 0.                 | 2000.               | 0.       |
| CULTIVATOR 6R    | 33.              | 20.0               | 4000.              | 3.5                 | 0.75               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 3600.                | 0.                 | 2000.               | 0.       |
| CULTIVATOR 3R    | 34.              | 26.6               | 5200.              | 3.5                 | 0.75               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 4700.                | 0.                 | 2000.               | 0.       |
| LISTER-PLNT6R    | 36.              | 20.0               | 4500.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 4200.                | 0.                 | 2000.               | 0.       |
| LISTER-PLNT8R    | 37.              | 26.6               | 5250.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 4750.                | 0.                 | 2000.               | 0.       |
| BED PLANTER6R    | 38.              | 20.0               | 3540.              | 4.5                 | 0.60               | 0.80     | 0.                | 1.60     | 100.               | 7.                   | 0.60       | 0.88       | 3200.                | 0.                 | 1200.               | 0.       |
| ED PLANTER8R     | 39.              | 26.6               | 4500.              | 4.5                 | 0.60               | 0.80     | 0.                | 1.60     | 100.               | 7.                   | 0.60       | 0.88       | 4050.                | 0.                 | 1200.               | 0.       |
| TANDEM DISC      | 40.              | 14.0               | 4500.              | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 4250.                | 0.                 | 2000.               | 0.       |
| TANDEM DISC      | 41.              | 20.0               | 7500.              | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 7200.                | 0.                 | 2000.               | 0.       |
| OFFSET DISC      | 42.              | 14.0               | 7000.              | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 6700.                | 0.                 | 2000.               | 0.       |
| OFFSET DISC      | 43.              | 28.0               | 15000.             | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 14000.               | 0.                 | 2000.               | 0.       |
| CHISEL           | 44.              | 23.0               | 6200.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 5700.                | 0.                 | 2000.               | 0.       |
| CHISEL           | 45.              | 41.0               | 11500.             | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 11000.               | 0.                 | 2000.               | 0.       |
| NLBD ROLLOVER    | 46.              | 5.3                | 6500.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 200.               | 7.                   | 0.60       | 0.88       | 5900.                | 0.                 | 2000.               | 0.       |
| HOLDBOARD 6B     | 47.              | 8.0                | 5000.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 100.               | 7.                   | 0.60       | 0.88       | 4500.                | 0.                 | 2000.               | 0.       |
| HOLDBOARD 12B    | 48.              | 16.0               | 11000.             | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 150.               | 7.                   | 0.60       | 0.88       | 10500.               | 0.                 | 2000.               | 0.       |
| ONEWAY           | 49.              | 16.0               | 3200.              | 5.0                 | 0.80               | 0.65     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 3000.                | 0.                 | 2000.               | 0.       |
| RODWEEDER        | 50.              | 30.0               | 4800.              | 5.0                 | 0.80               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 4400.                | 0.                 | 2000.               | 0.       |



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DATE:021582

| 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>RPV1 | 12<br>RPV2 | 13<br>PURCH<br>PRICE | 14<br>FUEL<br>TYPE | 15<br>LIFE<br>(HRS) | 16<br>HP |
|-------------------|------------------|--------------------|--------------------|---------------------|--------------------|----------|-------------------|----------|--------------------|----------------------|------------|------------|----------------------|--------------------|---------------------|----------|
| SAND FIGHTER      | 51.              | 22.5               | 1000.              | 8.0                 | 0.80               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 900.                 | 0.                 | 750.                | 0.       |
| HARROW            | 52.              | 16.0               | 2000.              | 4.5                 | 0.80               | 0.65     | 0.                | 1.80     | 120.               | 7.                   | 0.60       | 0.88       | 1750.                | 0.                 | 2000.               | 0.       |
| PACKER            | 53.              | 8.3                | 550.               | 6.0                 | 0.80               | 0.80     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 450.                 | 0.                 | 2000.               | 0.       |
| LISTER 6R         | 54.              | 20.0               | 1590.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 1400.                | 0.                 | 2000.               | 0.       |
| LISTER 8R         | 55.              | 26.6               | 2500.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 2200.                | 0.                 | 2000.               | 0.       |
| SHREDDER 2R       | 56.              | 6.6                | 1200.              | 3.7                 | 0.80               | 0.60     | 0.                | 1.80     | 125.               | 7.                   | 0.60       | 0.88       | 1100.                | 0.                 | 2000.               | 0.       |
| SHREDDER 4R       | 57.              | 13.3               | 3500.              | 3.7                 | 0.80               | 0.60     | 0.                | 1.80     | 125.               | 7.                   | 0.60       | 0.88       | 3300.                | 0.                 | 2000.               | 0.       |
| GRAIN DRILL       | 58.              | 13.5               | 3400.              | 4.0                 | 0.70               | 0.75     | 0.                | 1.80     | 120.               | 7.                   | 0.60       | 0.88       | 4000.                | 0.                 | 1000.               | 0.       |
| GR DRILL/FERT     | 59.              | 13.5               | 4400.              | 4.0                 | 0.70               | 0.75     | 0.                | 1.80     | 120.               | 7.                   | 0.60       | 0.88       | 4000.                | 0.                 | 1000.               | 0.       |
| BOX FLOAT         | 60.              | 7.0                | 575.               | 6.0                 | 0.60               | 0.60     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 500.                 | 0.                 | 2500.               | 0.       |
| HERB SPR/DISC     | 61.              | 14.0               | 650.               | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 500.                 | 0.                 | 2000.               | 0.       |
| COTTON TR 3BL     | 62.              | 6.6                | 2400.              | 10.0                | 0.82               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 1600.                | 0.                 | 2000.               | 0.       |
| COTTON TR 5BL     | 63.              | 6.6                | 4000.              | 10.0                | 0.82               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 2700.                | 0.                 | 2000.               | 0.       |
| COTTON STR/BSK    | 64.              | 6.6                | 12500.             | 2.8                 | 0.67               | 0.60     | 0.                | 1.60     | 300.               | 5.                   | 0.60       | 0.88       | 12000.               | 0.                 | 1500.               | 0.       |
| ROLLING CULT HLM  | 65.              | 20.0               | 3500.              | 3.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 3200.                | 0.                 | 2000.               | 0.       |
| ROLLING CULTIVAT  | 66.              | 26.6               | 4500.              | 3.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 4500.                | 0.                 | 2000.               | 0.       |
| GRAIN DRILL HLM   | 67.              | 48.0               | 9000.              | 3.5                 | 0.70               | 0.60     | 0.                | 1.30     | 200.               | 7.                   | 0.60       | 0.88       | 6000.                | 0.                 | 2000.               | 0.       |
| CULTIVATOR6R HLM  | 68.              | 20.0               | 4000.              | 3.5                 | 0.75               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 3600.                | 0.                 | 2000.               | 0.       |
| CULTIVATOR 8 ROW  | 69.              | 26.6               | 5200.              | 3.5                 | 0.75               | 1.00     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 4700.                | 0.                 | 2000.               | 0.       |
| GRAIN DRILL HLM   | 70.              | 20.0               | 5500.              | 3.5                 | 0.65               | 0.60     | 0.                | 1.30     | 150.               | 7.                   | 0.60       | 0.88       | 3800.                | 0.                 | 1500.               | 0.       |
| LIST-PLNTR6R HLM  | 71.              | 20.0               | 4500.              | 4.5                 | 0.80               | 0.80     | 0.                | 1.60     | 100.               | 7.                   | 0.60       | 0.88       | 3200.                | 0.                 | 1200.               | 0.       |
| LISTER-PLNTR 8R   | 72.              | 26.6               | 5250.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 4750.                | 0.                 | 2000.               | 0.       |
| BED PLNTR 6R HLM  | 73.              | 20.0               | 3540.              | 4.5                 | 0.60               | 0.60     | 0.                | 1.30     | 200.               | 7.                   | 0.60       | 0.88       | 2350.                | 0.                 | 1500.               | 0.       |
| BED PLNTR 8R      | 74.              | 26.6               | 4500.              | 4.5                 | 0.60               | 0.80     | 0.                | 1.30     | 100.               | 7.                   | 0.60       | 0.88       | 4250.                | 0.                 | 1200.               | 0.       |
| TANDEM DISC HLM   | 75.              | 14.0               | 4500.              | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 4250.                | 0.                 | 2000.               | 0.       |
| TANDEM DISC       | 76.              | 20.0               | 7500.              | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 7200.                | 0.                 | 2000.               | 0.       |
| OFFSET DISC HLM   | 77.              | 14.0               | 7000.              | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 6700.                | 0.                 | 2000.               | 0.       |
| OFFSET DISC       | 78.              | 28.0               | 15000.             | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 14000.               | 0.                 | 2000.               | 0.       |
| CHISEL            | 79.              | 23.0               | 6200.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 5700.                | 0.                 | 2000.               | 0.       |
| CHISEL HLM        | 80.              | 41.0               | 11500.             | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 11000.               | 0.                 | 2000.               | 0.       |
| SWEEP             | 81.              | 35.0               | 10000.             | 4.5                 | 0.75               | 0.60     | 0.                | 1.30     | 200.               | 7.                   | 0.60       | 0.88       | 8000.                | 0.                 | 2000.               | 0.       |
| HOLDBOARD 6B HLM  | 82.              | 8.0                | 5000.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 100.               | 7.                   | 0.60       | 0.88       | 4500.                | 0.                 | 2000.               | 0.       |
| HOLDBOARD12B HLM  | 83.              | 16.0               | 11000.             | 4.5                 | 0.80               | 1.00     | 0.                | 1.30     | 150.               | 7.                   | 0.60       | 0.88       | 10500.               | 0.                 | 2000.               | 0.       |
| ONEWAY            | 84.              | 16.0               | 3200.              | 5.0                 | 0.80               | 0.65     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 3000.                | 0.                 | 2000.               | 0.       |
| RODWEEDER HLM     | 85.              | 20.0               | 3600.              | 5.0                 | 0.75               | 0.60     | 0.                | 1.30     | 200.               | 7.                   | 0.60       | 0.88       | 2400.                | 0.                 | 2000.               | 0.       |
| PURROW OPENER     | 86.              | 20.0               | 1800.              | 5.5                 | 0.75               | 0.60     | 0.                | 1.30     | 120.               | 7.                   | 0.60       | 0.88       | 1200.                | 0.                 | 1200.               | 0.       |
| RODWEEDER HLM     | 87.              | 40.0               | 6200.              | 5.0                 | 0.75               | 0.60     | 0.                | 1.30     | 200.               | 7.                   | 0.60       | 0.88       | 4800.                | 0.                 | 2000.               | 0.       |
| PACKER            | 88.              | 8.3                | 550.               | 6.0                 | 0.80               | 0.80     | 0.                | 1.80     | 200.               | 7.                   | 0.60       | 0.88       | 450.                 | 0.                 | 2000.               | 0.       |
| LISTER 6R HLM     | 89.              | 20.0               | 1590.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 1400.                | 0.                 | 2000.               | 0.       |
| LISTER 8 ROW      | 90.              | 26.6               | 2500.              | 4.5                 | 0.80               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 2200.                | 0.                 | 2000.               | 0.       |
| SHREDDER 2 ROW    | 91.              | 6.6                | 1200.              | 3.7                 | 0.80               | 0.60     | 0.                | 1.80     | 125.               | 7.                   | 0.60       | 0.88       | 1100.                | 0.                 | 2000.               | 0.       |
| SHREDDER 4 ROW    | 92.              | 13.3               | 3500.              | 3.7                 | 0.80               | 0.60     | 0.                | 1.80     | 125.               | 7.                   | 0.60       | 0.88       | 3300.                | 0.                 | 2000.               | 0.       |
| GRAIN DRILL       | 93.              | 13.5               | 4400.              | 4.0                 | 0.72               | 0.75     | 0.                | 1.80     | 120.               | 7.                   | 0.60       | 0.88       | 4000.                | 0.                 | 1000.               | 0.       |
| GR DRILL/FERTHLM  | 94.              | 13.5               | 4400.              | 4.0                 | 0.72               | 0.75     | 0.                | 1.30     | 120.               | 7.                   | 0.60       | 0.88       | 2700.                | 0.                 | 1200.               | 0.       |
| BOX FLOAT         | 95.              | 14.0               | 1100.              | 5.0                 | 0.70               | 0.60     | 0.                | 1.30     | 100.               | 7.                   | 0.60       | 0.88       | 800.                 | 0.                 | 1000.               | 0.       |
| HERB SPR/DISCHLM  | 96.              | 16.0               | 650.               | 4.5                 | 0.83               | 0.65     | 0.                | 1.80     | 100.               | 7.                   | 0.60       | 0.88       | 500.                 | 0.                 | 2000.               | 0.       |
| COTTON TR 3B HLM  | 97.              | 6.6                | 2400.              | 10.0                | 0.82               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 1600.                | 0.                 | 2000.               | 0.       |
| COTTON TR 5B HLM  | 98.              | 6.6                | 4000.              | 10.0                | 0.82               | 1.00     | 0.                | 1.80     | 150.               | 7.                   | 0.60       | 0.88       | 2700.                | 0.                 | 2000.               | 0.       |
| COTTON ST/BSK HLM | 99.              | 6.6                | 12500.             | 2.8                 | 0.67               | 0.60     | 0.                | 1.60     | 300.               | 5.                   | 0.60       | 0.88       | 12000.               | 0.                 | 1500.               | 0.       |



TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM  
Daniel C. Pfannstiel, Director . College Station, Texas

TEXAS ENTERPRISE BUDGETS  
TEXAS HIGH PLAINS I REGION  
Projected for 1982

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COW-CALF BUDGET TEXAS HIGH PLAINS I REGION  
1982 PROJECTED COSTS AND RETURNS PER HEAD  
300 COW HERD, JAN-FEB-MAR CALVING

| INVESTMENT REQUIREMENTS                                                     |        |                   |             | PROJECTED      |                | YOUR           |
|-----------------------------------------------------------------------------|--------|-------------------|-------------|----------------|----------------|----------------|
|                                                                             | NUMBER | UNIT              | SIZE        | \$/UNIT        | VALUE          | ESTIMATE       |
| BEEF COW RAISED                                                             | 1.00   | HEAD              | 1.00        | 500.00         | 500.00         |                |
| BEEF BULL PURCH.                                                            | 0.04   | HEAD              | 1.00        | 975.00         | 39.00          |                |
| BEEF HEIFER RAI.                                                            | 0.13   | HEAD              | 1.00        | 400.00         | 50.00          |                |
| HORSE                                                                       | 0.01   | HEAD              | 1.00        | 424.12         | 4.24           |                |
| TOTAL LIVESTOCK INVESTMENT                                                  |        |                   |             |                | \$ 593.24      | \$             |
| PRODUCTION                                                                  |        |                   |             | PROJECTED      |                |                |
|                                                                             | NUMBER | WGT. EACH         | TOTAL UNITS | \$/UNIT        | RETURN         |                |
| STEER CALVES                                                                | 0.43   | 4.50              | 1.9 CWT.    | 72.50          | 140.29         |                |
| HEIFER CALVES                                                               | 0.31   | 4.25              | 1.3 CWT.    | 62.50          | 82.34          |                |
| CULL COWS                                                                   | 0.11   | 10.00             | 1.1 CWT.    | 46.00          | 50.60          |                |
| TOTAL PROJECTED RETURNS                                                     |        |                   |             |                | \$ 273.23      | \$             |
| OPERATING INPUTS                                                            |        |                   |             | PROJECTED      |                |                |
|                                                                             | INPUT  | USE               | UNIT        | \$/UNIT        | COST           |                |
| COTTONSEED CAKE                                                             | 150.00 |                   | LB.         | 0.10           | 15.00          |                |
| HAY                                                                         | 15.00  |                   | BALE        | 2.00           | 30.00          |                |
| VET. MEDICINE                                                               | 5.00   |                   | DOL.        | 1.00           | 5.00           |                |
| RANGE IMPROVEMEN                                                            | 15.00  |                   | ACRE        | 0.40           | 6.00           |                |
| SALT & MIN.                                                                 | 30.00  |                   | LB.         | 0.07           | 2.10           |                |
| MISC EXPENSE                                                                | 3.00   |                   | DOL.        | 1.00           | 3.00           |                |
| MARKETING                                                                   | 1.00   |                   | HEAD        | 5.00           | 5.00           |                |
| FENCE REPAIR                                                                | 1.00   |                   | HEAD        | 4.00           | 4.00           |                |
| WATER FACIL REPR                                                            | 1.00   |                   | HEAD        | 2.50           | 2.50           |                |
| CORRAL REPAIR                                                               | 1.00   |                   | HEAD        | 1.55           | 1.55           |                |
| EQUIPMENT FUEL AND LUBE                                                     |        |                   |             |                | 4.28           |                |
| EQUIPMENT REPAIR                                                            |        |                   |             |                | 0.95           |                |
| TOTAL OPERATING COST                                                        |        |                   |             |                | \$ 79.38       | \$             |
| RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT |        |                   |             |                | \$ 193.85      | \$             |
| CAPITAL INVESTMENT                                                          |        | QUANTITY INVESTED | UNIT        | RATE OF RETURN | PROJECTED COST |                |
| ANNUAL OPERATING CAPITAL                                                    |        | 48.14             | DOL.        | 0.180          | 8.66           |                |
| EQUIPMENT INVESTMENT                                                        |        | 63.84             | DOL.        | 0.180          | 11.49          |                |
| LIVESTOCK INVESTMENT                                                        |        | 593.24            | DOL.        | 0.180          | 106.78         |                |
| TOTAL CAPITAL COST                                                          |        |                   |             |                | \$ 126.94      | \$             |
| RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT          |        |                   |             |                | \$ 66.91       | \$             |
| OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)                        |        |                   |             |                | PROJECTED COST |                |
| EQUIPMENT                                                                   |        |                   |             |                | 11.21          |                |
| LIVESTOCK                                                                   |        |                   |             |                | 15.40          |                |
| TOTAL OWNERSHIP COST                                                        |        |                   |             |                | \$ 26.61       | \$             |
| RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT                     |        |                   |             |                | \$ 40.30       | \$             |
| OPERATOR LABOR COSTS                                                        |        | LABOR USE         | UNIT        | RATE OF RETURN | PROJECTED COST |                |
| EQUIPMENT                                                                   |        | 2.00              | HOURL       | 5.00           | 10.02          |                |
| LIVESTOCK                                                                   |        | 6.40              | HOURL       | 5.00           | 32.00          |                |
| TOTAL LABOR COST                                                            |        |                   |             |                | \$ 42.02       | \$             |
| RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT                            |        |                   |             |                | \$ -1.72       | \$             |
| LAND COSTS                                                                  |        | INPUT             | USE         | UNIT           | RATE OF RETURN | PROJECTED COST |
| PASTURE RENT                                                                |        | 15.00             |             | ACRE           | 4.00           | 60.00          |
| TOTAL LAND COST                                                             |        |                   |             |                |                | \$ 60.00       |
| RESIDUAL RETURNS TO MANAGEMENT AND PROFIT                                   |        |                   |             |                | \$ -61.72      | \$             |
| TOTAL PROJECTED COST OF PRODUCTION                                          |        |                   |             |                | \$ 334.95      | \$             |

NATIVE RANGE, NO CREEP FEED, 86% CALF CROP, 12% REPLACEMENT RATE,  
1% DEATH LOSS ON COWS, STOCKING RATE 15 ACRES/COW, 7 SECTION 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.



PROJECTIONS FOR PLANNING PURPOSES ONLY ... NOT TO BE USED WITHOUT UPDATING AFTER 01/27/82.

**COW-CALF BUDGET TEXAS HIGH PLAINS I REGION**  
**1982 PROJECTED COSTS AND RETURNS PER HEAD**  
**300 COW HERD, JAN-FEB-MAR CALVING**

|                      | 1<br>JAN  | 2<br>FEB | 3<br>MAR | 4<br>APR | 5<br>MAY | 6<br>JUN | 7<br>JUL | 8<br>AUG | 9<br>SEP | 10<br>OCT | 11<br>NOV | 12<br>DEC |       |
|----------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-------|
|                      | (DOLLARS) |          |          |          |          |          |          |          |          |           |           |           | TOTAL |
| AVER. ANNUAL CAPITAL | 3.41      | 5.13     | 5.81     | 6.56     | 7.45     | 8.50     | 9.22     | 10.31    | -11.15   | 0.41      | 0.79      | 1.69      | 48.14 |
|                      | (HOURS)   |          |          |          |          |          |          |          |          |           |           |           | TOTAL |
| LABOR REQUIREMENTS   | 0.0       | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0       | 0.0       | 0.0       | 0.0   |
| MACHINERY LABOR      | 0.17      | 0.17     | 0.17     | 0.17     | 0.17     | 0.17     | 0.17     | 0.17     | 0.17     | 0.17      | 0.17      | 0.17      | 2.00  |
| EQUIPMENT LABOR      | 0.55      | 0.55     | 0.50     | 0.50     | 0.50     | 0.65     | 0.65     | 0.50     | 0.50     | 0.50      | 0.50      | 0.50      | 6.40  |
| LIVESTOCK LABOR      |           |          |          |          |          |          |          |          |          |           |           |           |       |
| TOTAL LABOR          | 0.72      | 0.72     | 0.67     | 0.67     | 0.67     | 0.82     | 0.82     | 0.67     | 0.67     | 0.67      | 0.67      | 0.67      | 8.40  |

## EQUIPMENT FIXED AND VARIABLE COSTS PER YEAR

| EQUIPMENT        | CODE | DEPR   | INT.   | INS.  | TAX   | REPAIR | FUEL    | LUB.  | TOTAL<br>OWN. | TOTAL<br>OPER. | HOURS<br>LABOR | ALLOC<br>(-%) |
|------------------|------|--------|--------|-------|-------|--------|---------|-------|---------------|----------------|----------------|---------------|
| HAYRACK-FEEDER   | 1    | 40.00  | 39.60  | 2.20  | 1.10  | 2.00   | 0.0     | 0.0   | 82.90         | 2.00           | 0.67           | 0.010         |
| STOCK TRAILER    | 2    | 280.00 | 277.20 | 15.40 | 7.70  | 11.20  | 0.0     | 0.0   | 580.30        | 11.20          | 0.67           | 0.010         |
| GRAIN TRAILER    | 3    | 50.00  | 49.50  | 2.75  | 1.37  | 2.00   | 0.0     | 0.0   | 103.62        | 2.00           | 0.67           | 0.010         |
| STOCK SPRAYER    | 4    | 250.00 | 247.50 | 13.75 | 6.87  | 12.50  | 0.0     | 0.0   | 518.12        | 12.50          | 0.67           | 0.010         |
| TACK             | 5    | 45.00  | 44.55  | 2.48  | 1.24  | 4.50   | 0.0     | 0.0   | 93.26         | 4.50           | 0.67           | 0.010         |
| PENS & EQUIPMENT | 6    | 125.00 | 236.25 | 13.13 | 6.56  | 6.25   | 0.0     | 0.0   | 380.94        | 6.25           | 3.00           | 0.010         |
| PICKUP TRUCK     | 10   | 850.00 | 918.00 | 51.00 | 25.50 | 204.00 | 1470.00 | 73.50 | 1844.50       | 1747.50        | 700.00         | 0.003         |
| BEEF COW RAISED  | 51   | 0.0    | 90.00  | 5.00  | 2.50  | 0.0    | 0.0     | 0.0   | 97.50         | 0.0            | 0.0            | 1.000         |
| BEEF BULL PURCH. | 54   | 150.00 | 175.50 | 9.75  | 4.87  | 0.0    | 0.0     | 0.0   | 340.12        | 0.0            | 0.0            | 0.040         |
| BEEF HEIFER RAI. | 55   | 0.0    | 72.00  | 4.00  | 2.00  | 0.0    | 0.0     | 0.0   | 78.00         | 0.0            | 0.0            | 0.125         |
| HORSE            | 95   | 50.25  | 76.34  | 4.24  | 2.12  | 0.0    | 0.0     | 0.0   | 132.95        | 0.0            | 0.0            | 0.010         |

## SELECTED EQUIPMENT COMPLEMENT INFORMATION

| EQUIPMENT        | 1<br>CODE<br>NO. | 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>XXXXX | 14<br>XXXXX | 15<br>SPP. |
|------------------|------------------|-----------|-----------|-----------|--------------------|---------------------|--------------------|---------------------|----------------------|-------------------|-----------------------|---------------------|-------------|-------------|------------|
| HAYRACK-FEEDER   | 1.               | 16.       | FEET      | 2.        | 400.               | 400.                | 10.                | 0.0                 | 0.05                 | 0.0               | 0.7                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| STOCK TRAILER    | 2.               | 24.       | FEET      | 2.        | 2800.              | 2800.               | 10.                | 0.0                 | 0.04                 | 0.0               | 0.7                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| GRAIN TRAILER    | 3.               | 14.       | FEET      | 2.        | 500.               | 500.                | 10.                | 0.0                 | 0.04                 | 0.0               | 0.7                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| STOCK SPRAYER    | 4.               | 150.      | GAL.      | 2.        | 1250.              | 2500.               | 10.                | 0.0                 | 0.10                 | 0.0               | 0.7                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| TACK             | 5.               | 1.        | DOL.      | 2.        | 450.               | 450.                | 10.                | 0.0                 | 0.10                 | 0.0               | 0.7                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| PENS & EQUIPMENT | 6.               | 7500.     | FEET      | 2.        | 2500.              | 2500.               | 20.                | 0.0                 | 0.05                 | 0.0               | 3.0                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| PICKUP TRUCK     | 10.              | 1.        |           | 2.        | 8500.              | 7650.               | 7.                 | 0.20                | 0.17                 | 1400.0            | 700.0                 | 0.0                 | 0.0         | 1.00        | 0.0        |
| BEEF COW RAISED  | 51.              | 1.        | HEAD      | 1.        | 500.               | 500.                | 8.                 | 1.00                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| BEEF BULL PURCH. | 54.              | 1.        | HEAD      | 1.        | 1200.              | 1200.               | 4.                 | 0.50                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| BEEF HEIFER RAI. | 55.              | 1.        | HEAD      | 1.        | 400.               | 400.                | 10.                | 1.00                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0         | 0.0         | 0.0        |
| HORSE            | 95.              | 1.        | HEAD      | 1.        | 600.               | 600.                | 8.                 | 0.33                | 0.0                  | 0.0               | 0.0                   | 0.0                 | 0.0         | 0.0         | 0.0        |



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B-1241 (L 1)

STOCKER CALF BUDGET TEXAS HIGH PLAINS I REGION  
1982 PROJECTED COSTS AND RETURNS PER HEAD  
PURCHASE NOV 1, SELL MARCH 10

| PRODUCTION                                                                                                                                | NUMBER | WGT.<br>EACH | TOTAL<br>UNITS | UNIT | PROJECTED<br>\$/UNIT | RETURN                    | YOUR<br>ESTIMATE  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------|----------------|------|----------------------|---------------------------|-------------------|
| FEEDER STEERS                                                                                                                             | 1.00   | 6.00         | 6.0            | CWT. | 65.00                | 390.00                    |                   |
| TOTAL PROJECTED RETURNS                                                                                                                   |        |              |                |      |                      | \$ 390.00                 | \$                |
| OPERATING INPUTS                                                                                                                          |        |              |                |      | PROJECTED            |                           |                   |
|                                                                                                                                           |        | INPUT USE    | UNIT           |      | \$/UNIT              | COST                      |                   |
| STOCKER STEERS                                                                                                                            |        | 4.00         | CWT.           |      | 70.00                | 280.00                    |                   |
| DEATH LOSS                                                                                                                                |        | 0.03         | DOL.           |      | 400.00               | 12.00                     |                   |
| WHEAT PASTURE                                                                                                                             |        | 130.00       | DAYS           |      | 0.23                 | 29.90                     |                   |
| HAY                                                                                                                                       |        | 4.00         | BALE           |      | 2.00                 | 8.00                      |                   |
| VET & PROCESSING                                                                                                                          |        | 5.00         | DOL.           |      | 1.00                 | 5.00                      |                   |
| SALT & MIN.                                                                                                                               |        | 12.00        | LB.            |      | 0.07                 | 0.84                      |                   |
| MISC EXPENSE                                                                                                                              |        | 4.00         | DOL.           |      | 1.00                 | 4.00                      |                   |
| HAULING & MKTG.                                                                                                                           |        | 6.00         | CWT.           |      | 1.20                 | 7.20                      |                   |
| FENCE REPAIR                                                                                                                              |        | 130.00       | DAYS           |      | 0.05                 | 6.50                      |                   |
| TOTAL OPERATING COST                                                                                                                      |        |              |                |      |                      | \$ 353.44                 | \$                |
| RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP,<br>MANAGEMENT, AND PROFIT                                                            |        |              |                |      |                      | \$ 36.56                  | \$                |
| CAPITAL INVESTMENT                                                                                                                        |        |              |                |      | QUANTITY<br>INVESTED | UNIT<br>RATE OF<br>RETURN | PROJECTED<br>COST |
| ANNUAL OPERATING CAPITAL                                                                                                                  |        | 106.96       | DOL.           |      | 0.180                |                           | 19.25             |
| TOTAL CAPITAL COST                                                                                                                        |        |              |                |      |                      |                           | \$ 19.25 \$       |
| RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT,<br>AND PROFIT                                                                     |        |              |                |      |                      | \$ 17.31                  | \$                |
| OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)                                                                                      |        |              |                |      | PROJECTED<br>COST    |                           |                   |
| TOTAL OWNERSHIP COST                                                                                                                      |        |              |                |      | \$ 0.0               |                           | \$                |
| RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT                                                                                   |        |              |                |      |                      | \$ 17.31                  | \$                |
| OPERATOR LABOR COSTS                                                                                                                      |        |              |                |      | LABOR USE            | UNIT<br>RATE OF<br>RETURN | PROJECTED<br>COST |
| TOTAL LABOR COST                                                                                                                          |        |              |                |      |                      | \$ 0.0                    | \$                |
| RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT                                                                                          |        |              |                |      |                      | \$ 17.31                  | \$                |
| RESIDUAL RETURNS TO MANAGEMENT AND PROFIT                                                                                                 |        |              |                |      |                      | \$ 17.31                  | \$                |
| TOTAL PROJECTED COST OF PRODUCTION                                                                                                        |        |              |                |      |                      | \$ 372.69                 | \$                |
| PRIMARILY GRAZING OF DRYLAND WHEAT PASTURE, STOCKING RATE OF 3 AC/HEAD,<br>130 DAYS GRAZING, 3% DEATH LOSS AND SHRINK, 1.5 LBS. GAIN/DAY. |        |              |                |      |                      |                           |                   |

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.