

Alfalfa hay

| | UNIT | PRICE OR COST/UNIT | QUANTITY | VALUE OR COST PER ACRE | YOUR COST |
|---|------|--------------------|----------|------------------------|-----------|
| 1. GROSS RECEIPTS FROM PRODUCTION: | | | | | |
| TOTAL RECEIPTS: | | | | \$ 0.00 | |
| 2. VARIABLE COSTS: | | | | | |
| PREHARVEST: | | | | | |
| PHOSPHATE | LBS. | 0.300 | 80.000 | 24.00 | |
| FERTILIZER APP | ACRE | 2.500 | 1.000 | 2.50 | |
| HERBICIDE | ACRE | 10.000 | 1.000 | 10.00 | |
| ALFALFA HAY SEED | LBS. | 2.200 | 25.000 | 55.00 | |
| CUSTOM AIR SEED | ACRE | 3.250 | 1.000 | 3.25 | |
| IRRIG DIST WATER | ACIN | 2.000 | 12.000 | 24.00 | |
| TRACTOR (FUEL-LUBE-REPAIRS) | ACRE | | | 13.79 | |
| EQUIPMENT (FUEL-LUBE-REPAIRS) | ACRE | | | 4.13 | |
| BUILDINGS (FUEL-LUBE-REPAIRS) | ACRE | | | 0.20 | |
| IRRIGATION (SYSTEM MAINT.) | ACIN | 0.049 | 12.000 | 0.59 | |
| MACHINERY LABOR | ACRE | 4.350 | 1.588 | 6.91 | |
| IRRIGATION LABOR | HOUR | 4.000 | 1.000 | 4.00 | |
| INTEREST ON OPERATING CAP. | DOL. | 0.119 | 18.066 | 2.05 | |
| TOTAL PREHARVEST COSTS: | | | | \$ 150.41 | |
| PREHARVEST COST PER ACRE | | | | \$ 150.4144 | |
| HARVEST: | | | | | |
| TOTAL HARVEST COSTS: | | | | \$ 0.00 | |
| HARVEST COST PER ACRE | | | | \$ 0.0000 | |
| TOTAL VARIABLE COSTS: | | | | \$ 150.41 | |
| VARIABLE COST PER ACRE | | | | \$ 150.4144 | |
| 3. INCOME ABOVE VARIABLE COSTS: | | | | | |
| INCOME PER ACRE | | | | \$ -150.41 | |
| 4. CASH OVERHEAD: | | | | | |
| REAL PROPERTY TAXES: | | | | 0.35 | |
| MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS) | | | | 3.76 | |
| TOTAL CASH OVERHEAD: | | | | \$ 4.11 | |
| OVERHEAD COST PER ACRE | | | | 4.1074 | |
| 5. INCOME ABOVE ALL CASH COSTS: | | | | | |
| INCOME PER ACRE | | | | \$ -154.52 | |
| 6. OWNERSHIP COSTS: | | | | | |
| DEPRECIATION: | | | | | |
| MACHINERY & EQUIPMENT | ACRE | | | 6.42 | |
| IRRIGATION SYSTEM | ACRE | | | 3.23 | |
| BUILDINGS | ACRE | | | 1.00 | |
| TOTAL DEPRECIATION: | | | | \$ 10.65 | |
| CAPITAL & INTEREST: | | | | | |
| MACHINERY & EQUIPMENT | | 0.119 | 41.295 | 4.91 | |
| IRRIGATION SYSTEM | | 0.119 | 29.651 | 3.53 | |
| BUILDINGS | | 0.100 | 19.660 | 1.97 | |
| TOTAL INTEREST CHARGE: | | | | \$ 10.41 | |
| TOTAL FIXED COSTS: | | | | \$ 21.06 | |
| FIXED COST PER ACRE | | | | 21.0575 | |
| 7. TOTAL OF ABOVE COSTS: | | | | | |
| TOTAL COST PER ACRE | | | | \$ 175.58 | |
| 8. NET RETURNS: | | | | | |
| NET RETURNS PER ACRE | | | | \$ -175.58 | |
| -175.5793 | | | | | |

BASED ON A 2000 ACRE FARM
 USING FLOOD IRRIGATION
 DISTRICT WATER \$25 PER ACRE-FOOT

UPDATED 03/06/80 UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2 91500000 510 1

BUDGET RECORD NUMBER 315
 HARVEST MONTH: 11

DATE PRINTED: 03/06/80
 1979 Default data

BUDGET IDENTIFICATION NUMBER 2 91500000 510 1
 HARVEST OR SALE MONTH 11

BUDGET RECORD NUMBER 315

ALFALFA HAY ESTABLISHMENT
 KERN COUNTY
 1979-1980

BY DOUG MUNIER
 FARM ADVISOR

COSTS AND RETURNS WILL BE
 DIVIDED BY 1.0 ACRE
 TO OBTAIN PER ACRE COSTS

| LINE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | |
|------------------------|------|------|------|------|---|------|------|------|-------|-------|------|------|---------|--------|-------|------|------|------|--|--|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | PRICE | SHARE | UNIT | ITEM | TYPE | XXXX | | |
| PRODUCTION | | | | | NUMBER OF UNITS | | | | | | | | | | | | | | | |
| 1 ALFALFA HAY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 95.000 | 0.000 | 3. | 9. | 2. | 0. | | |
| OPERATING INPUTS | | | | | RATE/UNIT | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | PRICE | SHARE | UNIT | ITEM | TYPE | HARV | | |
| | | | | | | | | | | | | | RENT | RENT | CODE | CODE | | CODE | | |
| 11 PHOSPHATE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 80.00 | 0.00 | 0.00 | 0.00 | 0.300 | 0.000 | 12. | 214. | 3. | 0. | | |
| 12 FERTILIZER APP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 2.500 | 0.000 | 7. | 356. | 3. | 0. | | |
| 13 HERBICIDE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 10.000 | 0.000 | 7. | 250. | 3. | 0. | | |
| 14 ALFALFA HAY SEED | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25.00 | 0.00 | 0.00 | 2.200 | 0.000 | 12. | 109. | 3. | 0. | | |
| 15 CUSTOM AIR SEED | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 3.250 | 0.000 | 7. | 371. | 3. | 0. | | |
| 16 IRRIG DIST WATER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | 2.000 | 0.000 | 11. | 323. | 3. | 0. | | |
| MACHINERY REQUIREMENTS | | | | | IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | M CREW | POWER | MACH | TYPE | HARV | | |
| | | | | | | | | | | | | | | LABOR | UNIT | CODE | | CODE | | |
| 38 ROTARY CHOPPER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 11. | 127. | 4. | 0. | | |
| 39 DISC OFFSET HDY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 11. | 63. | 4. | 0. | | |
| 40 CHISEL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 11. | 42. | 4. | 0. | | |
| 41 HANDPLANE 16X90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 11. | 86. | 4. | 0. | | |
| 42 SPRINGTOOTH | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 11. | 77. | 4. | 0. | | |
| 44 SPIKEHARROW&CART | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.000 | 0.000 | 3. | 73. | 4. | 0. | | |
| 45 CULTIPACKER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0. | 48. | 4. | 0. | | |
| | | | | | | | | | | | | | SHARE | SHARE | POWER | SYSA | | | | |
| | | | | | | | | | | | | | FIXED % | VAR % | UNIT | CODE | LIFT | | | |
| 49 ACIN IRRIG WATER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0. | 128. | 0. | | | |
| 50 NO. TIMES IRRIG | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | | | | | | | | |

EQUIPMENT REQUIREMENTS

51 FARM SHOP
 52 SHOP TOOLS&EQUIP
 53 STORAGE SHED
 54 FUELTANK 550 GAL

| NUMBER | PROPORT | XXX | EQUIP | TYPE | XXXX |
|--------|---------|-----|-------|------|------|
| UNITS | OF COST | | CODE | | |
| 1.000 | 0.050 | 0. | 2. | 5. | 0. |
| 1.000 | 0.050 | 0. | 4. | 5. | 0. |
| 1.000 | 0.050 | 0. | 8. | 5. | 0. |
| 1.000 | 0.050 | 0. | 18. | 5. | 0. |

LAND REQUIREMENTS

CHARGE METHOD NUMBER OF ACRES VALUE OR COST/ACRE TAXES PER ACRE PERENNIAL CROPS YRS LIFE COST/ACRE

BASED ON A 2000 ACRE FARM
 USING FLOOD IRRIGATION
 DISTRICT WATER \$25 PER ACRE-FOOT

UPDATED 03/06/80

MACHINERY COMPLEMENT 5
 EQUIPMENT COMPLEMENT 1

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

| RM CL | VALUE | RM CL | VALUE | RM CL | VALUE | RM CL | VALUE | RM CL | VALUE | RM CL | VALUE |
|-------------------------|-----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| MACH COMP CHGS-->48. 2. | 16.000000 | | | | | | | | | | |
| PARAMETER CHGS--> 6. | 0.090000 | 10. | 4.350000 | 11. | 4.000000 | 12. | 4.000000 | 1. | 0.900000 | 3. | 0.700000 |
| 1979 Default Data | | | | | | | | | | | |

IDENTIFICATION NUMBER 2 91500000 510 1
 ALFALFA HAY ESTABLISHMENT
 KERN COUNTY
 1979-1980

HARVEST MONTH 11
 BY DOUG MUNIER
 FARM ADVISOR

BUDGET RECORD NUMBER 315

| CATEGORY | UNIT | MONTHLY SUMMARY OF RECEIPTS AND EXPENSES | | | | | | | | | | | | TOTAL | |
|------------------------|-------|--|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | |
| TOTAL RECEIPTS | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OPERATING EXPENSES | | | | | | | | | | | | | | | |
| PHOSPHATE | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.00 | 0.00 | 0.00 | 0.00 | 24.00 |
| FERTILIZER APP | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 0.00 | 0.00 | 2.50 |
| HERBICIDE | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.00 | 0.00 | 10.00 |
| ALFALFA HAY SEED | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55.00 | 0.00 | 0.00 | 55.00 |
| CUSTOM AIR SEED | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.25 | 0.00 | 0.00 | 3.25 |
| IRRIG DIST WATER | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.00 | 0.00 | 0.00 | 0.00 | 24.00 |
| MACHINE LABOR COST | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.26 | 0.65 | 0.00 | 0.00 | 6.91 |
| INTEREST ON OPER. CAP. | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.48 | 0.57 | 0.00 | 0.00 | 2.05 |
| TRACTOR COST | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.14 | 0.65 | 0.00 | 0.00 | 13.79 |
| EQUIPMENT COST | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.74 | 0.39 | 0.00 | 0.00 | 4.13 |
| BLDG OPER. COST | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.07 | 0.07 | 0.00 | 0.20 |
| IRRIGATION COST | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 0.00 | 0.00 | 0.00 | 0.59 |
| IRRIG LABOR COST | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.00 | 0.00 | 0.00 | 0.00 | 4.00 |
| TOTAL EXPENSES | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 79.77 | 60.58 | 10.07 | 0.00 | 150.41 |

| | | MONTHLY IRRIGATION AND LABOR REQUIREMENTS | | | | | | | | | | | | | |
|---------------------|-------|---|------|------|------|------|------|------|------|------|-------|------|------|------|-------|
| MACHINE LABOR | HR/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.44 | 0.15 | 0.00 | 0.00 | 1.59 |
| IRRIGATION LABOR | HR/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| DIST. WATER APPLIED | ACIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | 12.00 |

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

| MACHINE | CODE | SIZE | PURCHASE PRICE | YEARS OWNED | ANN HOURS USED | FIXED COST PER ACRE | | | | VARIABLE COST PER ACRE | | | | HRS PER ACRE |
|------------------|------|-------|----------------|-------------|----------------|---------------------|--------|-----------|-------|------------------------|------|---------|-------|--------------|
| | | | | | | DEPR. | INTER. | TAX & INS | TOTAL | FUEL | LUBE | REPAIRS | TOTAL | |
| TRACTOR 75 HP | 3 | 75.0 | 14500. | 5. | 2800. | 0.08 | 0.06 | 0.01 | 0.15 | 0.34 | 0.05 | 0.26 | 0.65 | 0.137 |
| CRAWLER 120 HP | 11 | 120.0 | 71000. | 7. | 2500. | 3.29 | 3.05 | 0.37 | 6.71 | 6.15 | 0.92 | 6.07 | 13.14 | 1.307 |
| CHISEL | 42 | 12.0 | 3600. | 3. | 750. | 0.25 | 0.11 | 0.01 | 0.37 | 0.00 | 0.01 | 0.50 | 0.51 | 0.270 |
| CULTIPACKER | 48 | 16.0 | 1900. | 9. | 280. | 0.06 | 0.05 | 0.01 | 0.12 | 0.00 | 0.00 | 0.10 | 0.11 | 0.100 |
| DISC OFFSET HDTY | 63 | 24.0 | 10600. | 8. | 310. | 0.86 | 0.65 | 0.09 | 1.60 | 0.00 | 0.03 | 1.58 | 1.62 | 0.260 |
| SPIKEHARROW&CART | 73 | 32.0 | 3840. | 5. | 530. | 0.12 | 0.07 | 0.01 | 0.20 | 0.00 | 0.01 | 0.28 | 0.28 | 0.124 |
| SPRINGTOOTH | 77 | 28.0 | 4500. | 5. | 530. | 0.14 | 0.08 | 0.01 | 0.23 | 0.00 | 0.01 | 0.33 | 0.34 | 0.123 |
| LANDPLANE 16X90 | 86 | 16.0 | 19500. | 4. | 780. | 1.44 | 0.74 | 0.09 | 2.27 | 0.00 | 0.02 | 1.13 | 1.15 | 0.364 |
| ROTORY CHOPPER | 127 | 12.0 | 3900. | 5. | 500. | 0.18 | 0.11 | 0.01 | 0.30 | 0.00 | 0.00 | 0.13 | 0.14 | 0.172 |
| SURFACE IRR SYS* | 128 | 2.0 | 38150. | 10. | 5000. | 3.23 | 3.53 | 0.46 | 7.21 | 0.00 | 0.01 | 0.57 | 0.59 | 6.000 |
| FARM SHOP | 2 | | 1800. | 35. | | 0.46 | 0.99 | 0.18 | 1.63 | 0.18 | | 0.01 | 0.19 | |
| SHOP TOOLS&EQUIP | 4 | | 525. | 15. | | 0.25 | 0.34 | 0.05 | 0.64 | 0.00 | | 0.01 | 0.01 | |
| STORAGE SHED | 8 | | 1125. | 35. | | 0.29 | 0.62 | 0.11 | 1.02 | 0.00 | | 0.00 | 0.00 | |
| FUELTANK 550 GAL | 18 | | 20. | 30. | | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | | 0.00 | 0.00 | |

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE 1750. 10.65 10.41 1.42 22.47 6.67 1.07 10.97 18.71

TOTAL INVESTMENT 174960.

BASED ON A 2000 ACRE FARM
 USING FLOOD IRRIGATION
 DISTRICT WATER \$25 PER ACRE-FOOT

UPDATED 03/06/80

| | UNIT | PRICE OR COST/UNIT | QUANTITY | VALUE OR COST PER ACRE | YOUR COST |
|--|------|--------------------|----------|------------------------|-----------|
| 1. GROSS RECEIPTS FROM PRODUCTION: | | | | | |
| ALFALFA HAY | TON | 95.000 | 8.500 | 807.50 | |
| RANGE | ACRE | 15.000 | 1.000 | 15.00 | |
| TOTAL RECEIPTS: | | | | \$ 822.50 | |
| 2. VARIABLE COSTS: | | | | | |
| PREHARVEST: | | | | | |
| PHOSPHATE | LBS. | 0.300 | 80.000 | 24.00 | |
| CHEMICAL APPLIC | APLC | 2.500 | 3.000 | 7.50 | |
| HERBICIDE | ACRE | 12.000 | 3.000 | 36.00 | |
| IRRIG DIST WATER | ACIN | 2.083 | 72.000 | 149.98 | |
| IRRIGATION (SYSTEM MAINT.) | ACIN | 0.049 | 72.000 | 3.51 | |
| IRRIGATION LABOR | HOUR | 4.000 | 7.380 | 29.52 | |
| INTEREST ON OPERATING CAP. | DOL. | 0.119 | 102.378 | 11.94 | |
| TOTAL PREHARVEST COSTS: | | | | \$ 262.45 | |
| PREHARVEST COST PER TON | | | | \$ 30.8762 | |
| HARVEST: | | | | | |
| CUSTOM SWATHING | ACRE | 8.000 | 7.000 | 56.00 | |
| CUSTOM BANKOUT | TON | 12.000 | 8.500 | 102.00 | |
| CUSTOM BANKOUT | TON | 3.000 | 8.500 | 25.50 | |
| INTEREST ON OPERATING CAP. | DOL. | 0.119 | 76.500 | 9.10 | |
| TOTAL HARVEST COSTS: | | | | \$ 192.60 | |
| HARVEST COST PER TON | | | | \$ 22.6592 | |
| TOTAL VARIABLE COSTS: | | | | \$ 455.05 | |
| VARIABLE COST PER TON | | | | \$ 53.5355 | |
| 3. INCOME ABOVE VARIABLE COSTS: | | | | | |
| INCOME PER TON | | | | \$ 367.45 | |
| | | | | \$ 43.2292 | |
| 4. CASH OVERHEAD: | | | | | |
| REAL PROPERTY TAXES: | | | | 16.25 | |
| MISC. OFFICE & BOOKKEEPING (4.00% OF TOTAL VARIABLE COSTS) | | | | 18.20 | |
| TOTAL CASH OVERHEAD: | | | | \$ 34.45 | |
| OVERHEAD COST PER TON | | | | 4.0532 | |
| 5. INCOME ABOVE ALL CASH COSTS: | | | | | |
| INCOME PER TON | | | | \$ 333.00 | |
| | | | | \$ 39.1761 | |
| 6. OWNERSHIP COSTS: | | | | | |
| DEPRECIATION: | | | | | |
| MACHINERY & EQUIPMENT | ACRE | | | 0.00 | |
| IRRIGATION SYSTEM | ACRE | | | 19.35 | |
| TREES, VINES OR STAND | ACRE | | | 58.53 | |
| TOTAL DEPRECIATION: | | | | \$ 77.88 | |
| CAPITAL & INTEREST: | | | | | |
| MACHINERY & EQUIPMENT | | 0.119 | 0.000 | 0.00 | |
| IRRIGATION SYSTEM | | 0.119 | 177.908 | 21.17 | |
| TREES, VINES OR STAND | | 0.100 | 175.580 | 8.78 | |
| LAND | | 0.100 | 2500.000 | 250.00 | |
| TOTAL INTEREST CHARGE: | | | | \$ 279.95 | |
| TOTAL FIXED COSTS: | | | | \$ 357.83 | |
| FIXED COST PER TON | | | | 42.0978 | |
| 7. TOTAL OF ABOVE COSTS: | | | | | |
| TOTAL COST PER TON | | | | \$ 847.33 | |
| | | | | 99.6864 | |
| 8. NET RETURNS: | | | | | |
| NET RETURNS PER TON | | | | \$ -24.83 | |
| | | | | -2.9217 | |

BASED ON A 2000 ACRE FARM
 FLOOD IRRIGATION
 DISTRICT WATER \$25 PER ACRE-FOOT

UC Cooperative Extension
 UPDATED 03/11/80

IDENTIFICATION NUMBER 2 91500000 510 1
 ALFALFA HAY PRODUCTION
 KERN COUNTY
 1979-1980

HARVEST MONTH 7
 BY DOUG MUNIER
 FARM ADVISOR

BUDGET RECORD NUMBER 306

| CATEGORY | UNIT | MONTHLY SUMMARY OF RECEIPTS AND EXPENSES | | | | | | | | | | | | |
|------------------------|-------|--|------|-------|-------|-------|--------|--------|--------|-------|-------|-------|------|--------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
| TOTAL RECEIPTS | \$/AC | 0.00 | 0.00 | 0.00 | 95.00 | 95.00 | 142.50 | 142.50 | 142.50 | 95.00 | 95.00 | 7.50 | 7.50 | 822.50 |
| OPERATING EXPENSES | | | | | | | | | | | | | | |
| PHOSPHATE | \$/AC | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.00 |
| CHEMICAL APPLIC | \$/AC | 2.50 | 0.00 | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 7.50 |
| HERBICIDE | \$/AC | 12.00 | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.00 | 0.00 | 36.00 |
| IRRIG DIST WATER | \$/AC | 0.00 | 0.00 | 12.50 | 12.50 | 25.00 | 25.00 | 25.00 | 25.00 | 12.50 | 12.50 | 0.00 | 0.00 | 149.98 |
| CUSTOM SWATHING | \$/AC | 0.00 | 0.00 | 0.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 0.00 | 0.00 | 56.00 |
| CUSTOM BANKOUT | \$/AC | 0.00 | 0.00 | 0.00 | 12.00 | 12.00 | 18.00 | 18.00 | 18.00 | 12.00 | 12.00 | 0.00 | 0.00 | 102.00 |
| CUSTOM BANKOUT | \$/AC | 0.00 | 0.00 | 0.00 | 3.00 | 3.00 | 4.50 | 4.50 | 4.50 | 3.00 | 3.00 | 0.00 | 0.00 | 25.50 |
| INTEREST ON OPER. CAP. | \$/AC | 2.23 | 0.00 | 1.14 | 1.12 | 1.03 | 0.59 | 0.00 | 6.64 | 3.78 | 3.39 | 1.13 | 0.00 | 21.04 |
| IRRIGATION COST | \$/AC | 0.00 | 0.00 | 0.29 | 0.25 | 0.59 | 0.59 | 0.59 | 0.59 | 0.29 | 0.29 | 0.00 | 0.00 | 3.51 |
| IRRIG LABOR COST | \$/AC | 0.00 | 0.00 | 2.46 | 2.46 | 4.92 | 4.92 | 4.92 | 4.92 | 2.46 | 2.46 | 0.00 | 0.00 | 29.52 |
| TOTAL EXPENSES | \$/AC | 40.73 | 0.00 | 30.89 | 39.37 | 54.53 | 61.59 | 61.00 | 67.64 | 42.03 | 41.65 | 15.63 | 0.00 | 455.05 |

| MONTHLY IRRIGATION AND LABOR REQUIREMENTS | | | | | | | | | | | | | | |
|---|-------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|
| IRRIGATION LABOR | HR/AC | 0.00 | 0.00 | 0.62 | 0.62 | 1.23 | 1.23 | 1.23 | 1.23 | 0.62 | 0.62 | 0.00 | 0.00 | 7.38 |
| IRRIG. WATER APPLIED | ACIN | 0.00 | 0.00 | 6.00 | 6.00 | 12.00 | 12.00 | 12.00 | 12.00 | 6.00 | 6.00 | 0.00 | 0.00 | 72.00 |

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

| MACHINE | CODE | SIZE | PURCHASE PRICE | ANN YEARS OWNED | HOURS USED | FIXED COST PER ACRE | | | | VARIABLE COST PER ACRE | | | | HRS PER ACRE |
|---|------|------|----------------|-----------------|------------|---------------------|--------|---------|-------|------------------------|------|---------|-------|--------------|
| | | | | | | DEPR. | INTER. | TAX INS | TOTAL | FUEL | LUBE | REPAIRS | TOTAL | |
| SURFACE IRR SYS* | 128 | 2.0 | 38150. | 10. | 5000. | 19.35 | 21.17 | 2.75 | 43.27 | 0.00 | 0.07 | 3.44 | 3.51 | 36.000 |
| MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE | | | 382. | | | 19.35 | 21.17 | 2.75 | 43.27 | 0.00 | 0.07 | 3.44 | 3.51 | |
| TOTAL INVESTMENT | | | 38150. | | | | | | | | | | | |

BASED ON A 2000 ACRE FARM
 FLOOD IRRIGATION
 DISTRICT WATER \$25 PER ACRE-FOOT

UPDATED 03/11/80
 UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2 9150000 510 1
 HARVEST OR SALE MONTH 7

BUDGET RECORD NUMBER 386

ALFALFA HAY PRODUCTION
 KERN COUNTY
 1979-1980

BY DOUG REHNER
 FARM ADVISOR

COSTS AND RETURNS WILL BE
 DIVIDED BY 8.5 TON
 TO OBTAIN PER TON COSTS

| LINE | 1 JAN | 2 FEB | 3 MAR | 4 APR | 5 MAY | 6 JUN | 7 JUL | 8 AUG | 9 SEP | 10 OCT | 11 NOV | 12 DEC | 13 PRICE | 14 SHARE RENT | 15 UNIT CODE | 16 ITER CODE | 17 TYPE | 18 XXXX |
|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-------------|---------------------|--------------------|--------------------|------------|------------|
| PRODUCTION | | | | | | | | | | | | | | | | | | |
| NUMBER OF UNITS | | | | | | | | | | | | | | | | | | |
| 1 ALFALFA HAY | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.50 | 1.50 | 1.50 | 1.00 | 1.00 | 0.00 | 0.00 | 95.000 | 0.000 | 3. | 9. | 2. | 0. |
| 2 RANGE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.50 | 15.000 | 0.000 | 7. | 23. | 2. | 0. |
| OPERATING INPUTS | | | | | | | | | | | | | | | | | | |
| RATE/UNIT | | | | | | | | | | | | | | | | | | |
| PRICE | | | | | | | | | | | | | | | | | | |
| 6 SPHATE | 50.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.300 | 0.000 | 12. | 214. | 3. | 0. |
| 7 CHEMICAL APPLIC | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 2.500 | 0.000 | 34. | 360. | 3. | 0. |
| 8 HERBICIDE | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 12.000 | 0.000 | 7. | 250. | 3. | 0. |
| 11 IRRIG DIST WATER | 0.00 | 0.00 | 6.00 | 6.00 | 12.00 | 12.00 | 12.00 | 12.00 | 6.00 | 6.00 | 0.00 | 0.00 | 2.083 | 0.000 | 11. | 323. | 3. | 0. |
| 12 CUSTOM SWATHING | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 8.000 | 0.000 | 7. | 314. | 3. | 9. |
| 13 CUSTOM BANKOUT | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.50 | 1.50 | 1.50 | 1.00 | 1.00 | 0.00 | 0.00 | 12.000 | 0.000 | 3. | 309. | 3. | 9. |
| 14 CUSTOM BANKOUT | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.50 | 1.50 | 1.50 | 1.00 | 1.00 | 0.00 | 0.00 | 3.000 | 0.000 | 3. | 309. | 3. | 9. |

| MACHINERY REQUIREMENTS | IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE | | | | | | | | | | | | A CREW POWER | | BACK | TYPE | HARY | |
|------------------------|---|------|------|------|-------|-------|-------|-------|------|------|------|------|--------------|-------|--------|------|------|----|
| | | | | | | | | | | | | | LABOR | UNIT | CODE | CODE | | |
| | | | | | | | | | | | | | SHARE | SHARE | POWER | SYSA | | |
| | | | | | | | | | | | | | FIXED % | VAR % | UNIT | CODE | LIFT | |
| 49 ACIN IRRIG WATER | 0.00 | 0.00 | 6.00 | 6.00 | 12.00 | 12.00 | 12.00 | 12.00 | 6.00 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.128. | | | 0. |
| 50 NO. TIMES IRRIG | 0.00 | 0.00 | 1.00 | 1.00 | 2.00 | 2.00 | 2.00 | 2.00 | 1.00 | 1.00 | 0.00 | 0.00 | | | | | | |

| EQUIPMENT REQUIREMENTS | NUMBER | PROPORT | XXX | EQUIP | TYPE | XXXX |
|------------------------|--------|---------|-----|-------|------|------|
| | UNITS | OF COST | | CODE | | |

| LAND REQUIREMENTS | CHARGE | NUMBER | VALUE OR | TAXES | PERENNIAL CROPS |
|-------------------|--------|----------|-----------|----------|--------------------|
| | METHOD | OF ACRES | COST/ACRE | PER ACRE | YRS LIFE COST/ACRE |
| 71 | 1. | 100.00 | 2500.00 | 16.25 | 3.0 175.58 |

BASED ON A 2000 ACRE FARM
 FLOOD IRRIGATION
 DISTRICT WATER \$25 PER ACRE-FOOT

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

UPDATED 03/11/80

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

| PARAMETER CHGS--> | RW | CL | VALUE | RW | CL | VALUE | RW | CL | VALUE | RW | CL | VALUE | RW | CL | VALUE |
|-------------------|----|----|----------|----|----|----------|-----|----|----------|-----|----|----------|-----|----|----------|
| 1. | | | 0.900000 | 3. | | 0.700000 | 10. | | 4.350000 | 11. | | 4.000000 | 12. | | 4.000000 |
| 28. | | | 0.040000 | | | | | | | | | | | | 0.615000 |

default data