

COST & RETURNS SUMMARY FOR WHEAT
COSTS AND RETURNS FOR IRRIGATED WHEAT
MERCED AND MADERA COUNTIES 1981
YIELD: 50 CWT (2.5 TON) PER ACRE

BY FARM ADVISORS: **BILL WEIR**
RON VARGAS

*** **TEMPORARY BUDGET** ***

Wheat

| | UNIT | PRICE OR COST/UNIT | QUANTITY | VALUE OR COST PER ACRE | YOUR COST |
|---|------|--------------------|----------|------------------------|----------------|
| 1. GROSS RECEIPTS FROM PRODUCTION: | | | | | |
| WHEAT | CWT. | 7.850 | 50.000 | 392.50 | |
| TOTAL RECEIPTS: | | | | 392.50 | |
| 2. VARIABLE COSTS: | | | | | |
| PREHARVEST: | | | | | |
| WHEAT, SEED | CWT. | 13.500 | 1.250 | 16.88 | |
| AMMONIUM SULPHAT | LBS. | 0.300 | 125.000 | 37.50 | |
| BROAD LEAF HERB | ACRE | 5.000 | 1.000 | 5.00 | |
| CUSTOM AIR HERB | ACRE | 4.000 | 1.000 | 4.00 | |
| TOPDRESS FERT | LBS. | 0.300 | 40.000 | 12.00 | |
| TRACTOR (FUEL-LUBE-REPAIRS) | ACRE | | | 7.18 | |
| EQUIPMENT (FUEL-LUBE-REPAIRS) | ACRE | | | 3.28 | |
| BUILDINGS (FUEL-LUBE-REPAIRS) | ACRE | | | 2.87 | |
| MACHINERY LABOR | HOUR | 6.000 | 1.296 | 7.78 | |
| IRRIGATION LABOR | HOUR | 5.000 | 6.000 | 30.00 | |
| INTEREST ON OPERATING CAP. | DOL. | 0.14000 | 61.923 | 8.40 | |
| TOTAL PREHARVEST COSTS: | | | | 134.89 | |
| PREHARVEST COST PER CWT. | | | | 2.6977 | |
| HARVEST: | | | | | |
| CUSTOM COMBINE | TON | 5.000 | 2.500 | 12.50 | |
| CUSTOM COMBINE | ACRE | 14.000 | 1.000 | 14.00 | |
| CUSTOM HAULING | TON | 4.300 | 2.500 | 10.25 | |
| TOTAL HARVEST COSTS: | | | | 37.25 | |
| HARVEST COST PER CWT. | | | | 0.2450 | |
| TOTAL VARIABLE COSTS: | | | | 172.14 | |
| VARIABLE COST PER CWT. | | | | 3.4427 | |
| 3. INCOME ABOVE VARIABLE COSTS: | | | | | |
| INCOME PER CWT. | | | | 220.36 | 4.4073 |
| 4. OVERHEAD: | | | | | |
| PERSONAL PROPERTY TAXES: | | | | 5.22 | |
| REAL PROPERTY TAXES: | | | | 22.50 | |
| MISC. OFFICE & BOOKKEEPING (6.00% OF TOTAL VARIABLE COSTS) | | | | 10.33 | |
| TOTAL OVERHEAD: | | | | 38.05 | |
| OVERHEAD COST PER CWT. | | | | 0.7609 | |
| TOTAL CASH COSTS: | | | | 210.18 | |
| TOTAL CASH COST PER CWT. | | | | 4.2037 | |
| 5. INCOME ABOVE ALL CASH COSTS: | | | | | |
| INCOME PER CWT. | | | | 182.32 | 3.6463 |
| 6. OWNERSHIP COSTS: | | | | | |
| DEPRECIATION: | | | | | |
| MACHINERY & EQUIPMENT | ACRE | | | 12.68 | |
| BUILDINGS | ACRE | | | 14.62 | |
| TOTAL DEPRECIATION: | | | | 27.30 | |
| CAPITAL & INTEREST: | | | | | |
| MACHINERY&EQUIPMENT | | 0.14000 | 128.492 | 17.99 | |
| BUILDINGS | | 0.10670 | 287.528 | 30.68 | |
| LAND | | 0.10670 | 2000.000 | 213.40 | |
| TOTAL INTEREST CHARGE: | | | | 262.07 | |
| TOTAL FIXED COSTS: | | | | 289.37 | |
| FIXED COST PER CWT. | | | | 5.7874 | |
| 7. TOTAL OF ABOVE COSTS: | | | | | |
| TOTAL COST PER CWT. | | | | 499.55 | 9.9911 |
| NET RETURNS: | | | | | |
| NET RETURNS PER CWT. | | | | -107.05 | -2.1411 |

BASED ON 80 ACRES WHEAT ON 160 ACRE FARM
 FLOOD IRRIGATION : 18 ACIN PER YEAR WELL WATER
 LAND OWNERSHIP BASIS
 DATE PRINTED: 02/19/81

HARVEST MONTH: 6

UPDATED 2/13/81
 BUDGET RECORD NUMBER 158

1980 default data

*** TEMPORARY BUDGET ***

BUDGET RECORD NUMBER 1

CASH FLOW & INVESTMENT SUMMARY FOR WHEAT

COSTS AND RETURNS FOR IRRIGATED WHEAT BY FARM ADVISORS: BILL WEIR
 MERCED AND MADERA COUNTIES 1981 RON VARGAS
 YIELD: 50 CWT (2.5 TON) PER ACRE

| 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 | 392.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 392.50 |
| OPERATING EXPENSES | | | | | | | | | | | | | | |
| WHEAT, SEED | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 16.88 | 0.00 | 16.88 |
| AMMONIUM SULPHAT | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 37.50 | 0.00 | 37.50 |
| BROAD LEAF HERB | \$/AC | 0.00 | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.00 |
| CUSTOM AIR HERB | \$/AC | 0.00 | 4.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.00 |
| TOPDRESS FERT | \$/AC | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.00 |
| CUSTOM COMBINE | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.50 |
| CUSTOM COMBINE | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.00 |
| CUSTOM HAULING | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.75 |
| MACHINE LABOR COST | \$/AC | 0.00 | 0.00 | 0.13 | 0.13 | 0.13 | 0.13 | 0.00 | 0.00 | 0.00 | 4.09 | 3.03 | 0.13 | 7.78 |
| INTEREST ON OPER. CAP. | \$/AC | 0.00 | 0.98 | 0.32 | 0.40 | 0.21 | 0.02 | 0.00 | 0.00 | 0.00 | 0.98 | 5.48 | 0.02 | 8.40 |
| TRACTOR COST | \$/AC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.79 | 2.39 | 0.00 | 7.18 |
| EQUIPMENT COST | \$/AC | 0.00 | 0.00 | 0.12 | 0.12 | 0.12 | 0.12 | 0.00 | 0.00 | 0.00 | 1.72 | 0.95 | 0.12 | 3.28 |
| BLDG OPER. COST | \$/AC | 0.00 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.00 | 0.00 | 0.00 | 0.36 | 0.36 | 0.36 | 2.87 |
| IRRIG LABOR COST | \$/AC | 0.00 | 0.00 | 5.00 | 10.00 | 10.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.00 | 0.00 | 30.00 |
| TOTAL EXPENSES | \$/AC | 0.00 | 22.34 | 9.09 | 17.33 | 17.14 | 37.89 | 0.00 | 0.00 | 0.00 | 11.93 | 74.74 | 0.63 | 172.14 |

| | | MONTHLY IRRIGATION AND LABOR REQUIREMENTS | | | | | | | | | | | | |
|----------------------|-------|---|------|------|------|------|------|------|------|------|------|------|------|-------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
| MACHINE LABOR | HR/AC | 0.00 | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.68 | 0.50 | 0.02 | 1.30 |
| IRRIGATION LABOR | HR/AC | 0.00 | 0.00 | 1.00 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 6.00 |
| IRRIG. WATER APPLIED | ACIN | 0.00 | 0.00 | 3.00 | 6.00 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 0.00 | 18.00 |

| | | 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 | 4 | 75.0 | 17400. | 20. | 300. | 1.66 | 3.01 | 0.86 | 5.53 | 2.27 | 0.34 | 0.97 | 3.58 | 0.658 |
| TRACTOR 120 HP | 7 | 120.0 | 36000. | 20. | 300. | 2.00 | 3.62 | 1.03 | 6.65 | 2.11 | 0.32 | 1.17 | 3.60 | 0.382 |
| PICKUP 1/2 T | 14 | 0.5 | 9000. | 8. | 500. | 0.22 | 0.20 | 0.05 | 0.47 | 0.61 | 0.09 | 0.16 | 0.86 | 0.127 |
| IRR PUMP 75 HP* | 22 | 2.0 | 0. | 25. | 3200. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.000 |
| DISC OFFSET HDY | 62 | 18.0 | 9720. | 15. | 50. | 4.07 | 5.18 | 1.52 | 10.77 | 0.00 | 0.03 | 1.35 | 1.38 | 0.347 |
| DRY FERT APPLIC. | 69 | 12.0 | 4520. | 15. | 30. | 2.38 | 2.99 | 0.88 | 6.26 | 0.00 | 0.01 | 0.47 | 0.48 | 0.260 |
| SPIKE HARROW | 74 | 20.0 | 2880. | 15. | 40. | 0.86 | 1.10 | 0.32 | 2.28 | 0.00 | 0.00 | 0.21 | 0.22 | 0.199 |
| GRAIN DRILL | 106 | 12.0 | 4800. | 15. | 27. | 1.49 | 1.89 | 0.55 | 3.93 | 0.00 | 0.01 | 0.35 | 0.35 | 0.139 |
| SURFACE IRR SYS* | 128 | 2.0 | 0. | 10. | 5000. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.000 |
| FARM SHOP | 2 | | 21060. | 35. | | 6.77 | 15.45 | 2.63 | 24.85 | 2.63 | | 0.11 | 2.75 | |
| TOOLS-SHOP EQUIP | 4 | | 6143. | 15. | | 3.58 | 5.33 | 0.77 | 9.68 | 0.00 | | 0.10 | 0.10 | |
| STORAGE SHED | 8 | | 13163. | 35. | | 4.23 | 9.66 | 1.65 | 15.53 | 0.00 | | 0.02 | 0.02 | |
| FUELTANK 550 GAL | 18 | | 234. | 30. | | 0.04 | 0.25 | 0.03 | 0.32 | 0.00 | | 0.00 | 0.00 | |

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE 1561. 27.30 48.67 10.29 86.26 7.63 0.80 4.91 13.34

TOTAL INVESTMENT 124919.

BASED ON 80 ACRES WHEAT ON 160 ACRE FARM
 FLOOD IRRIGATION : 18 ACIN PER YEAR WELL WATER
 LAND OWNERSHIP BASIS
 DATE PRINTED: 02/19/81

UPDATED 2/13/81

*** TEMPORARY BUDGET ***

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 158
 COSTS AND RETURNS FOR IRRIGATED WHEAT BY FARM ADVISORS: BILL WEIR
 MERCED AND MADERA COUNTIES 1981 ROH VARGAS
 YIELD: 50 CWT (2.5 TON) PER ACRE

FUEL USED IN GALLONS PER HOUR

| | | |
|-----------------|--------|---------|
| TRACTOR 75 HP | 3.600 | |
| TRACTOR 120 HP | 5.760 | |
| PICKUP 1/2 T | 4.000 | |
| IRR PUMP 75 HP* | 26.256 | (KWHRS) |

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

| MACHINE | GALLONS | POWER UNIT |
|------------------|---------|-----------------|
| PICKUP 1/2 T | 0.073 | |
| DISC OFFSET HDTY | 1.100 | TRACTOR 120 HP |
| SPIKE HARROW | 0.787 | TRACTOR 75 HP |
| DRY FERT APPLIC. | 1.031 | TRACTOR 75 HP |
| GRAIN DRILL | 1.098 | TRACTOR 75 HP |
| SURFACE IRR SYS* | 236.308 | IRR PUMP 75 HP* |

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | TOTAL | FUEL TYPE |
|------------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|-----------|
| DISC OFFSET HDTY | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 2.200 | 0.000 | 0.000 | 2.200 | DIESEL |
| PIKE HARROW | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.787 | 0.000 | 0.000 | 0.787 | DIESEL |
| DRY FERT APPLIC. | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.031 | 0.000 | 1.031 | DIESEL |
| GRAIN DRILL | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.549 | 0.000 | 0.549 | DIESEL |
| PICKUP 1/2 T | 0.000 | 0.000 | 0.073 | 0.073 | 0.073 | 0.073 | 0.000 | 0.000 | 0.000 | 0.073 | 0.073 | 0.073 | 0.509 | GAS |
| SURFACE IRR SYS* | 0.000 | 0.000 | 39.385 | 78.769 | 78.769 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 39.385 | 0.000 | 236.308 | KWH |
| TOTALS | 0.000 | 0.000 | 39.457 | 78.842 | 78.842 | 0.073 | 0.000 | 0.000 | 0.000 | 3.060 | 41.037 | 0.073 | 5.076 | |

GALLONS FUEL BY TYPE

0.51 GAS
 0.00 LP
 4.57 DIESEL
 0.00 N. GAS
 0.31 KWHRS

FUEL TYPES

1=GAS
 2=L.P.
 3=DIESEL
 4=N. GAS
 5=ELEC.

ON 80 ACRES WHEAT ON 160 ACRE FARM
 IRRIGATION : 18 ACIN PER YEAR WELL WATER

OWNERSHIP BASIS
 DATE PRINTED: 02/19/81

UPDATED 2/13/81

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 158
 COSTS AND RETURNS FOR IRRIGATED WHEAT BY FARM ADVISORS: BILL WEIR
 MERCED AND MADERA COUNTIES 1981 RON VARGAS
 YIELD: 50 CWT (2.5 TON) PER ACRE

INCOME ABOVE VARIABLE COSTS
 WHEN THE PRICE OF WHEAT
 AND THE QUANTITY OF WHEAT

| QUANTITY OF WHEAT | RANGES FROM | | 7.05 TO | 8.65 | |
|----------------------|----------------|--------|----------|--------|--------|
| | RANGES FROM | | 40.00 TO | 60.00 | |
| | PRICE OF WHEAT | | | | |
| | 7.05 | 7.45 | 7.85 | 8.25 | 8.65 |
| 40.00 | 109.86 | 125.86 | 141.86 | 157.86 | 173.86 |
| 45.00 | 145.11 | 163.11 | 181.11 | 199.11 | 217.11 |
| 50.00 | 180.36 | 200.36 | 220.36 | 240.36 | 260.36 |
| 55.00 | 215.61 | 237.61 | 259.61 | 281.61 | 303.61 |
| 60.00 | 250.86 | 274.86 | 298.86 | 322.86 | 346.86 |

INCOME ABOVE ALL CASH COSTS
 WHEN THE PRICE OF WHEAT
 AND THE QUANTITY OF WHEAT

| QUANTITY OF WHEAT | RANGES FROM | | 7.05 TO | 8.65 | |
|----------------------|----------------|--------|----------|--------|--------|
| | RANGES FROM | | 40.00 TO | 60.00 | |
| | PRICE OF WHEAT | | | | |
| | 7.05 | 7.45 | 7.85 | 8.25 | 8.65 |
| 40.00 | 71.82 | 87.82 | 103.82 | 119.82 | 135.82 |
| 45.00 | 107.07 | 125.07 | 143.07 | 161.07 | 179.07 |
| 50.00 | 142.32 | 162.32 | 182.32 | 202.32 | 222.32 |
| 55.00 | 177.57 | 199.57 | 221.57 | 243.57 | 265.57 |
| 60.00 | 212.82 | 236.82 | 260.82 | 284.82 | 308.82 |

INCOME ABOVE ALL COSTS
 WHEN THE PRICE OF WHEAT
 AND THE QUANTITY OF WHEAT

| QUANTITY OF WHEAT | RANGES FROM | | 7.05 TO | 8.65 | |
|----------------------|----------------|---------|----------|---------|---------|
| | RANGES FROM | | 40.00 TO | 60.00 | |
| | PRICE OF WHEAT | | | | |
| | 7.05 | 7.45 | 7.85 | 8.25 | 8.65 |
| 40.00 | -217.55 | -201.55 | -185.55 | -169.55 | -153.55 |
| 45.00 | -182.30 | -164.30 | -146.30 | -128.30 | -110.30 |
| 50.00 | -147.05 | -127.05 | -107.05 | -87.05 | -67.05 |
| 55.00 | -111.80 | -89.80 | -67.80 | -45.80 | -23.80 |
| 60.00 | -76.55 | -52.55 | -28.55 | -4.55 | 19.45 |

BASED ON 80 ACRES WHEAT ON 160 ACRE FARM
 FLOOD IRRIGATION : 18 ACIN PER YEAR WELL WATER
 LAND OWNERSHIP BASIS
 DATE PRINTED: 02/19/81

UPDATED 2/13/81

STORED DATA PAGE (NO CALCULATIONS) FOR WHEAT

BUDGET RECORD NUMBER 158

COSTS AND RETURNS FOR IRRIGATED WHEAT BY FARM ADVISORS: BILL WEIR
MERCED AND MADERA COUNTIES 1981 RON VARGAS
YIELD: 50 CWT (2.5 TON) PER ACRE

COSTS AND RETURNS WILL BE DIVIDED BY 50.0 CWT. TO OBTAIN PER CWT. COSTS

| LINE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |
|---|---|-----------------|--------------------|----------------|--------------------------|-----------|------|------|------|------|--------|------|--------------|-----------------|------------|------------|------|-----------|--|
| PRODUCTION | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | PRICE | SHARE RENT | UNIT CODE | ITER CODE | TYPE | XXXX | |
| 1 WHEAT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 50.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.850 | 0.000 | 16. | 34. | 2. | 0. | |
| OPERATING INPUTS | | | | | | | | | | | | | | | | | | | |
| | RATE/UNIT | | | | | | | | | | | | PRICE | SHARE RENT | UNIT CODE | ITER CODE | TYPE | HARV CODE | |
| 6 WHEAT, SEED | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.25 | 0.00 | 13.500 | 0.000 | 16. | 134. | 3. | 0. | |
| 7 AMMONIUM SULPHAT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 125.00 | 0.00 | 0.300 | 0.000 | 12. | 218. | 3. | 0. | |
| 8 BROAD LEAF HERB | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.000 | 0.000 | 7. | 252. | 3. | 0. | |
| 9 CUSTOM AIR HERB | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.000 | 0.000 | 7. | 373. | 3. | 0. | |
| 10 TOPDRESS FERT | 0.00 | 40.00 | 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. | 203. | 3. | 0. | |
| 12 CUSTOM COMBINE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.000 | 0.000 | 3. | 305. | 3. | 9. | |
| 13 CUSTOM COMBINE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14.000 | 0.000 | 7. | 305. | 3. | 9. | |
| 14 CUSTOM HAULING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.300 | 0.000 | 3. | 306. | 3. | 9. | |
| RACHINERY REQUIREMENTS | | | | | | | | | | | | | | | | | | | |
| | IMPLEMENTS = TIRES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE | | | | | | | | | | | | LABOR | | POWER UNIT | MACH CODE | TYPE | HARV CODE | |
| 26 DISC OFFSET HDTY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00 | 0.00 | 0.00 | 0.000 | 0.000 | 7. | 82. | 4. | 0. | |
| 27 SPIKE HARROW | 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 | 4. | 74. | 4. | 0. | |
| 28 DRY FERT APPLIC. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.000 | 0.000 | 4. | 69. | 4. | 0. | |
| 29 GRAIN DRILL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.00 | 0.000 | 0.000 | 4. | 106. | 4. | 0. | |
| 32 PICKUP 1/2 T | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 | 0.000 | 0.000 | 0. | 14. | 4. | 0. | |
| 49 ACIN IRRIG WATER | 0.00 | 0.00 | 3.00 | 6.00 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 0.00 | 1.00 | 1.00 | 22. | 128. | 100. | | |
| 50 NO. TIRES IRRIG | 0.00 | 0.00 | 1.00 | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | | | | | | | |
| EQUIPMENT REQUIREMENTS | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | NUMBER UNITS | PROPORT OF COST | XXX CODE | EQUIP TYPE | XXXX | | |
| 51 FARM SHOP | | | | | | | | | | | | | 1.000 | 0.500 | 0. | 2. | 5. | 0. | |
| 52 TOOLS-SHOP EQUIP | | | | | | | | | | | | | 1.000 | 0.500 | 0. | 4. | 5. | 0. | |
| 53 STORAGE SHED | | | | | | | | | | | | | 1.000 | 0.500 | 0. | 8. | 5. | 0. | |
| 54 FUEL TANK 550 GAL | | | | | | | | | | | | | 1.000 | 0.500 | 0. | 18. | 5. | 0. | |
| COLUMNS ---> | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | | | |
| LAND REQUIREMENTS | CHARGE METHOD | NUMBER OF ACRES | VALUE OR COST/ACRE | TAXES PER ACRE | PERENNIAL CROPS YRS LIFE | COST/ACRE | | | | | | | | | | | | | |
| 71 | 1. | 80.00 | 2000.00 | 22.50 | 0.0 | 0.00 | | | | | | | | | | | | | |
| ENTERPRISE 2-34 REGION/COUNTY 24 UNASSIGNED 00000 RACH COMP 1 IRRIG SYST 1 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 6 | | | | | | | | | | | | | | | | | | | |

BASED ON 80 ACRES WHEAT ON 160 ACRE FARM
FLOOD IRRIGATION : 18 ACIN PER YEAR WELL WATER
LAND OWNERSHIP BASIS

UPDATED 2/13/81
RACHINERY COMPLEMENT 1
EQUIPMENT COMPLEMENT 1

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

| PARAMETER CHGS-->ID. | RW CL | VALUE | RW CL | VALUE | RW CL | VALUE | RW CL | VALUE | RW CL | VALUE | RW CL | VALUE |
|----------------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|-------|-------|-------|
| | | 6.00000 | 12. | 5.00000 | 11. | 4.90000 | 28. | 0.06000 | | | | |

DATE PRINTED: 02/19/81

1980 default data

Cooperative Extension
Santa Barbara County

W H E A T I R R I G A T E D
1981 - Cost Analysis Work Sheet

Warren E. Bendixen
Edward A. Year
Lynn Horel

YIELD: 6600 lbs per acre

| | | Operating Costs/Hour | | | | | | Interest | | Total |
|---|--------------|----------------------|----------------|---------|-------------------|---|--------------|----------|----------------|-------|
| | | Fuel & Repairs | | Deprec. | Interest | | Total | | | |
| | | \$15.00 | | \$3.17 | \$2.22 | | \$20.3 | | | |
| | | 7.00 | | 1.50 | 1.05 | | 9.5 | | | |
| Operations | Trac- tor | Acres /Hour | Hours /Acre | Labor | Fuel & Repairs | Kind and Amount | Materials | Costs | Cost/Acre | |
| Cultural Costs | | Ac | Hr | \$ | \$ | | | \$ | Sample Your | |
| Disc 2x | HWT | 5.0 | .4 | 3.44 | 6.00 | | | | 9.44 | |
| Subsoil | HWT | 2.0 | .5 | 4.30 | 7.50 | | | | 11.80 | |
| Fertilize | WT | 5.0 | .2 | 1.72 | 1.40 | | | 39.00 | 42.12 | |
| Plant | WT | 4.0 | .25 | 2.15 | 1.75 | 150 lbs N @ 26¢ | | 18.00 | 21.90 | |
| Irrigate 3x | | | 1.0 | 7.56 | --- | Seed: 120 lbs @ \$15.00/cwt. 8 ac. in @ \$40/ ac. ft. 2-4,D applied material \$3.23, Appl \$7.00 | | 26.67 | 34.23 | |
| Weed Control | | | | | | | | 10.23 | 10.23 | |
| Repairs to Equipment | | | .67 | 5.06 | 8.25 | Fire insurance | | .95 | 8.25 | |
| Miscellaneous | | | | | 3.00 | | | | 9.01 | |
| Interest on Operating Capital @ 15% | | | | | | | | 11.02 | 11.02 | |
| TOTAL CULTURAL COSTS | | | | | | | | | \$158.00 | |
| Harvesting Costs | | | | | | | | | | |
| Combine | | | | | | Custom @ \$1.00/sack | | 66.00 | 66.00 | |
| TOTAL HARVESTING COSTS | | | | | | | | | \$ 66.00 | |
| TOTAL HARVESTING AND CULTURAL COSTS | | | | | | | | | \$224.00 | |
| Rent | | | | | | | | | 100.00 | |
| Business and Office Costs - 8% of cultural, harvest, rent | | | | | | | | | 25.92 | |
| Depreciation and Interest | | | | | | | | | | |
| | | | | | | Depreciation | Interest 14% | | | |
| | | | | | | HWT-tractor \$ 2.85 | \$ 2.00 | | | |
| | | | | | | WT-tractor .60 | .42 | | | |
| | | | | | | Other equip. \$110 | 7.70 | | | |
| | | | | | | Irrigation System | 17.50 | | | |
| | | | | | | | | | | |
| TOTAL DEPRECIATION AND INTEREST | | | | | | \$31.12 | \$27.62 | | \$ 58.74 | |
| TOTAL COST PER ACRE | | | | | | | | | \$401.63 | |
| TOTAL COST PER CWT | | | | | | | | | \$ 6.09 | |
| COST TO SWATH @ \$8/Acre; bale @ \$14/T; roadside straw @ \$5/T for straw - 2 tons/A @ \$23/ton Total | | | | | | | | | \$ 46.00 | |

*Social Security, Workman's Compensation, Insurance included

IRRIGATED WHEAT - Profits as Affected by Yield & Price

| Yield CMT/Acre | Production Costs/Acre | WHEAT - Price per CMT | | | | | | | | | | | | |
|-------------------|--------------------------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
| | | \$5.50 | \$5.75 | \$6.00 | \$6.25 | \$6.50 | \$6.75 | \$7.00 | \$7.25 | \$7.50 | \$7.75 | \$8.00 | | |
| 60 | \$395.15 | -65.15 | -50.15 | -35.15 | -20.15 | - 5.15 | + 9.85 | 24.85 | 39.85 | 54.85 | 69.85 | 84.85 | | |
| 62 | 397.31 | -56.31 | -40.81 | -25.31 | - 9.81 | + 5.69 | 21.19 | 36.69 | 52.19 | 67.69 | 83.19 | 98.69 | | |
| 64 | 399.47 | -47.47 | -31.47 | -15.47 | + .53 | 16.53 | 32.53 | 48.53 | 64.53 | 80.53 | 96.53 | 112.53 | | |
| 66 | 401.63 | -38.63 | -22.13 | - 5.63 | +10.87 | 27.37 | 43.87 | 60.37 | 76.87 | 93.37 | 109.87 | 126.37 | | |
| 68 | 403.79 | -29.79 | -12.79 | + 4.21 | 21.21 | 38.21 | 55.21 | 72.21 | 89.21 | 106.21 | 123.21 | 140.21 | | |
| 70 | 405.95 | -20.95 | - 3.45 | +14.05 | 31.55 | 49.05 | 66.55 | 84.05 | 101.55 | 119.05 | 136.55 | 154.05 | | |
| 72 | 408.11 | -12.11 | + 5.89 | 23.89 | 41.89 | 59.89 | 77.89 | 95.89 | 113.89 | 131.89 | 149.89 | 167.89 | | |
| 74 | 410.27 | - 3.27 | +15.23 | 33.73 | 52.23 | 70.73 | 89.23 | 107.73 | 126.23 | 144.73 | 163.23 | 181.73 | | |
| 76 | 412.23 | + 5.77 | 24.77 | 43.77 | 62.77 | 81.77 | 100.77 | 119.77 | 138.77 | 157.77 | 176.77 | 195.77 | | |
| 78 | 414.58 | 14.42 | 33.92 | 53.42 | 72.92 | 92.42 | 111.92 | 131.42 | 150.92 | 170.42 | 189.92 | 209.42 | | |
| 80 | 416.75 | 23.25 | 43.25 | 63.25 | 83.25 | 103.25 | 123.25 | 143.25 | 163.25 | 183.25 | 203.25 | 223.25 | | |
| 82 | 418.91 | 32.09 | 52.59 | 73.09 | 93.59 | 114.09 | 134.59 | 155.09 | 175.59 | 196.09 | 216.59 | 237.09 | | |
| 84 | 421.07 | 40.93 | 61.93 | 82.93 | 103.93 | 124.93 | 145.93 | 166.93 | 187.93 | 208.93 | 229.93 | 250.93 | | |

Cooperative Extension, Santa Barbara County
 WEB/1m 11/13/81