

COSTS OF PRODUCTION - GRAIN SORGHUM - TULARE COUNTY - 1975
BASED ON YIELD OF 6000 LBS. PER ACRE

Man labor \$3.50 per hour, including Social Security and Compensation Insurance; 80 hp tractor @ \$3.20 per hour cash cost; depreciation @ \$2.04; interest @ \$1.02.

Wilson E. Pendery, Farm Advisor

Edward A. Yeary, Farm Advisor-Statewide

| | SAMPLE COSTS | | YOUR COSTS | |
|--|-----------------|---------------|------------|---------|
| | Per Acre | Per CWT | Per Acre | Per CWT |
| Pre-Harvest Cash Costs: | | | | |
| Land preparation: man & tractor, 2 hours | \$ 13.40 | | | |
| Planting: 2 men & tractor, 0.3 hour | 3.06 | | | |
| Seed: 12 lbs. @ 50¢/lb. | 6.00 | | | |
| Fertilizer: 175# Nitrogen @ 20¢/lb. | 35.00 | | | |
| Fertilize: Contract @ \$3.50 | 3.50 | | | |
| Irrigate: 1 pre & 4 crop - 7½ man hours | 26.25 | | | |
| Water: power for 2.5 acre feet @ \$4.80 | 12.00 | | | |
| + district tax - \$6.00 | 6.00 | | | |
| Cultivation: 3x man & tractor, 1.5 hours | 10.05 | | | |
| Misc: labor 2 hrs; tractor ½ hr; material \$1.50 | 10.10 | | | |
| County taxes: land \$20.00 | 20.00 | | | |
| equipment \$3.00 | 3.00 | | | |
| Office, car, operating capital, etc. | 10.76 | | | |
| Repairs: Irrig. system & equip. (except tractor) | 9.00 | | | |
| TOTAL PRE-HARVEST CASH COSTS | \$168.12 | \$2.80 | | |
| Harvesting Costs: | | | | |
| Combine & Hauling: \$10.00/acre + 20¢/cwt + \$3.00 per ton | \$ 31.00 | | | |
| TOTAL HARVESTING COSTS | \$ 31.00 | \$.52 | | |
| TOTAL CASH COSTS | \$199.12 | \$3.32 | | |
| Depreciation: | | | | |
| Irrigation system: orig. cost \$280, 16 yrs. life | \$ 17.50 | | | |
| Tractor: 4.3 hrs. @ \$2.04 | 8.77 | | | |
| Equipment: Cost \$50, 10 yrs. life | 5.00 | | | |
| TOTAL DEPRECIATION | \$ 31.27 | \$.52 | | |
| TOTAL CASH & DEPRECIATION COSTS | \$230.39 | \$3.84 | | |
| Interest on Investment @ 8%: | | | | |
| Land: @ \$1000.00/acre | \$ 80.00 | | | |
| Irrigation System: on ½ cost (\$140) | 11.20 | | | |
| Tractor: 4.3 hours @ \$1.02 | 4.39 | | | |
| Equipment: on ½ cost (\$25.00) | 2.00 | | | |
| TOTAL INTEREST | \$ 97.59 | \$1.63 | | |
| TOTAL COST OF PRODUCTION | \$327.98 | \$5.47 | | |

COSTS PER CWT. AT VARYING YIELDS - SINGLE CROPPED

| Yield - cwt/acre | 50 | 55 | 60 | 65 | 70 | 75 | 80 |
|---------------------|--------|--------|--------|--------|--------|--------|--------|
| Cash & Depre. Costs | \$4.54 | \$4.16 | \$3.84 | \$3.57 | \$3.34 | \$3.14 | \$2.97 |
| Total Costs | \$6.49 | \$5.93 | \$5.47 | \$5.07 | \$4.74 | \$4.44 | \$4.19 |