

*Projections for Planning Purposes Only
Not to be Used without Updating after December 1, 2006*

B-1241 (C9)

Table 1. Estimated fuel prices, labor wage rates,
and interest rates

| ITEM NAME | UNIT | PRICE |
|-------------------|------|---------|
| | | dollars |
| FUEL TYPES | | |
| Diesel Fuel | gal | 2.00 |
| Electricity | kWh | 0.09 |
| Gasoline | gal | 2.25 |
| LP Gas | gal | 1.71 |
| Natural Gas | Mcf | 8.30 |
| LABOR TYPES | | |
| Operator | hour | 9.10 |
| Hand | hour | 9.10 |
| Irrigation | hour | 9.10 |
| Owner | hour | 9.10 |
| INTEREST RATES | | |
| Short-term | % | 9.60 |
| Intermediate-term | % | 9.60 |

Table 2. Self-propelled machines: estimated performance rate, useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour and per acre

| ITEM NAME | SIZE | PERF | USEFUL | ANNUAL | PURCHASE | REPAIR | FUEL | --DIRECT COST-- | | --FIXED COST-- | |
|--------------|---------|--------|--------|--------|----------|---------|--------------|-----------------|-------|----------------|-------|
| | | RATE | LIFE | USE | PRICE | COST | CONS RATE | \$/hr | \$/ac | \$/hr | \$/ac |
| | | hrs/ac | years | hours | dollars | percent | /hour | | | | |
| combine | 25 feet | 0.194 | 7 | 250 | 174,000 | 80 | 5.90 | 91.34 | 17.72 | 141.08 | 27.37 |
| Pickup Truck | 1/2 ton | 0.006 | 7 | 1500 | 25,000 | 80 | 15.00 | 35.65 | 0.23 | 3.28 | 0.02 |

Table 3. Tractors: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour

| ITEM NAME | SIZE | USEFUL | ANNUAL | PURCHASE | REPAIR | FUEL | --DIRECT COST-- | --FIXED COST-- |
|-----------|------|--------|--------|----------|---------|-------|-----------------|----------------|
| | | LIFE | USE | PRICE | COST | CONS | | |
| | | years | hours | dollars | percent | /hour | \$/hr | \$/hr |
| Tractor | 100 | 7 | 800 | 43,100 | 70 | 5.40 | 16.18 | 10.63 |
| Tractor | 125 | 7 | 800 | 57,700 | 70 | 6.69 | 20.59 | 14.23 |
| Tractor | 150 | 7 | 800 | 67,800 | 70 | 7.72 | 23.91 | 16.72 |
| Tractor | 180 | 7 | 800 | 67,902 | 70 | 9.78 | 28.04 | 16.75 |
| Tractor | 200 | 7 | 800 | 77,398 | 70 | 10.50 | 30.67 | 19.09 |
| Tractor | 225 | 7 | 800 | 108,000 | 70 | 11.75 | 37.00 | 26.64 |
| Tractor | 30 | 5 | 300 | 10,000 | 75 | 2.57 | 10.14 | 8.42 |
| Tractor | 70 | 7 | 600 | 22,264 | 75 | 3.86 | 11.69 | 7.32 |

Table 4. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre

| ITEM NAME | SIZE | PERF | USEFUL | ANNUAL | PURCHASE | REPAIR | --DIRECT COST-- | | --FIXED COST-- | |
|------------------|---------|--------|--------|--------|----------|---------|-----------------|-------|----------------|-------|
| | | RATE | LIFE | USE | PRICE | COST | \$/hr | \$/ac | \$/hr | \$/ac |
| | | hrs/ac | years | hours | dollars | percent | | | | |
| Disk Tandem 18' | 18 feet | 0.181 | 7 | 160 | 10,000 | 85 | 7.58 | 1.37 | 12.33 | 2.24 |
| Disk Tandem 22' | 22 feet | 0.117 | 5 | 200 | 16,750 | 85 | 14.23 | 1.67 | 21.17 | 2.48 |
| Drill | | 0.238 | 7 | 80 | 4,200 | 75 | 5.62 | 1.34 | 10.36 | 2.47 |
| Field Cultivator | 29 feet | 0.072 | 7 | 200 | 9,590 | 70 | 4.79 | 0.34 | 9.46 | 0.68 |
| Land Plane | large | 0.141 | 7 | 200 | 10,530 | 75 | 5.64 | 0.79 | 10.39 | 1.46 |
| Levee Box T-A | | 0.000 | 7 | 1 | 19 | 70 | 1.90 | 0.00 | 3.54 | 0.00 |
| Levee Plow | | 0.154 | 5 | 270 | 3,800 | 80 | 2.25 | 0.34 | 3.55 | 0.55 |
| Offset | light | 0.236 | 7 | 160 | 6,000 | 80 | 4.28 | 1.01 | 7.40 | 1.75 |
| Spike T Harrow | | 0.069 | 7 | 140 | 900 | 85 | 0.78 | 0.05 | 1.26 | 0.08 |

Table 5. Operating inputs: estimated prices

| ITEM NAME | UNIT | PRICE |
|----------------------|------|--------|
| dollars | | |
| custom | | |
| air fer pre - e | appl | 9.36 |
| air fer top 1 - lib. | appl | 7.23 |
| air fer top2 - east | acre | 6.11 |
| air fert - librice | appl | 6.55 |
| air fert pre - lib. | acre | 6.55 |
| air fert topl - east | appl | 7.07 |
| air fung. - librice | appl | 6.00 |
| air herb - east | appl | 6.33 |
| air herb - libsoyb | appl | 6.00 |
| air herb 1 - librice | appl | 6.55 |
| air insec - soybean | appl | 5.25 |
| air insec 1 - east | appl | 4.88 |
| air insec 2 - east | appl | 5.00 |
| air seed - east | appl | 5.89 |
| custom hauling | cwt. | 0.30 |
| drying - east | cwt. | 1.00 |
| drying - soybeans | bu. | 0.50 |
| fert - first topdres | acre | 7.07 |
| fert- 2nd topdress | acre | 6.11 |
| fert-preplant | acre | 9.36 |
| ground fert - libert | acre | 4.50 |
| ground spr - soybean | acre | 3.75 |
| haul - soybeans | bu. | 0.20 |
| herbicide | acre | 6.33 |
| ins - 2nd applic | acre | 5.00 |
| ins - first applicat | acre | 4.88 |
| sales commision | cwt | 0.08 |
| seeding | acre | 5.89 |
| survey levees | acre | 3.00 |
| fertilizer | | |
| 2nd topdress 46-0-0 | lbs. | 0.24 |
| First Topdres 80-0-0 | lb. | 0.32 |
| nitrogen - east | lb. | 0.35 |
| nitrogen - liberty | lb. | 0.35 |
| phosphate | lb. | 0.30 |
| potash | lb. | 0.24 |
| Pre-Plant 62-40-20 | lbs | 0.35 |
| fungicide | | |
| fungicide - tilt | oz. | 1.89 |
| harvest aid | | |
| surfactant - soybean | acre | 0.60 |
| herbicide | | |
| blazer | pt. | 8.00 |
| herb arroso-east | appl | 25.00 |
| herbicide-soybeans | pint | 9.95 |
| roundup | qt. | 11.25 |
| insecticide | | |
| ambush - insect. | gall | 105.00 |
| furadan - insect. | lb. | 0.80 |
| furadan-3G - east | acre | 10.80 |
| insec - 7xlrplus | qt | 8.00 |

Table 5. Operating inputs: estimated prices

| ITEM NAME | UNIT | PRICE |
|-------------------|------|-------|
| dollars | | |
| insecticide | acre | 10.00 |
| karate | acre | 10.80 |
| methyl parathion | acre | 1.25 |
| methyl parathion | acre | 1.25 |
| Irrigation | | |
| irrigation labor | acre | 9.00 |
| water | acre | 45.00 |
| seed | | |
| seed, rice | cwt | 26.00 |
| seed, rice - east | cwt | 26.00 |
| seed, soybean | lb. | 0.37 |
| seed, soybean rr | lb | 0.52 |

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Table 6. Other durable inputs: estimated repair cost, fuel consumption rate, direct cost per unit of measure, and fixed cost per unit of measure or per acre

| ITEM NAME | UNIT | REPAIR | FUEL | DIRECT COST | ----FIXED COST---- | |
|------------|------|-----------|---------|-------------|--------------------|---------|
| | | COST | CONS | | | |
| | | \$/U of M | /U of M | \$/U of M | \$/U of M | \$/acre |
| Irrigation | AcIn | 2.030 | 1.000 | 10.330 | | 33.60 |

Table 7. Operating input categories

ITEM NAME

crop insurance
custom
feed
fertilizer
fungicide
harvest aid
herbicide
insecticide
Irrigation
seed

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Table 8. Products: estimated prices

| ITEM NAME | UNIT | PRICE |
|----------------------|------|---------|
| | | dollars |
| rice 1st crop - loan | cwt | 6.90 |
| rice 2nd crop - loan | cwt | 6.90 |
| rice premium | cwt | 3.50 |
| soybeans | bu. | 6.35 |

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Table 9. Allocated cost items: estimated costs

| ITEM NAME | DOLLARS PER ACRE | % OF INCOME | % OF DIRECT EXPENSES | % OF TOTAL EXPENSES |
|---------------------|---------------------|----------------|----------------------------|---------------------------|
| cash rent | 55.00 | | | |
| cash rent - east | 62.00 | | | |
| cash rent - soybean | 21.00 | | | |