

Table 1. Parameters

| | |
|--|------|
| Diesel Fuel (DI) Price (\$/gal): | 1.06 |
| Electricity (EL) Price (\$/kWh): | 0.07 |
| Gasoline (GA) Price (\$/gal): | 1.45 |
| LP Gas (LP) Price (\$/gal): | 1.00 |
| Natural Gas (NG) Price (\$/Mcf): | 3.92 |
| Operator Labor (OL) Wage Rate . . . (\$/hr): | 8.00 |
| Hand Labor (HL) Wage Rate (\$/hr): | 8.00 |
| Irrigation Labor (IL) Wage Rate . . (\$/hr): | 8.00 |
| Owner Labor (WL) Wage Rate (\$/hr): | 8.00 |
| Short-term Interest Rate (%): | 6.83 |
| Intermediate-term Interest Rate . . . (%): | 6.83 |
| Comment at End of Table Titles : | |
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Table 2. Self-Propelled Machines

| RECORD NUM | ITEM NAME | SIZE | PERF RATE | FUEL TYPE | FUEL CONS RATE | LABOR TYPE | LABOR MULT | PURCHASE PRICE | SV RATE | R&M RATE | USEFUL LIFE | ANNUAL USE |
|---------------|--------------|---------|--------------|--------------|----------------------|---------------|---------------|-------------------|------------|-------------|----------------|---------------|
| 1 | Pickup Truck | 3/4 ton | 0.0067 | GA | 15.00 | OL | 0.00 | 23110.00 | 16.00 | 80.00 | 10.00 | 1500.00 |

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Table 3. Tractors

| RECORD NUM | ITEM NAME | SIZE | FUEL TYPE | FUEL CONS RATE | LABOR TYPE | LABOR MULT | PURCHASE PRICE | SV RATE | R&M RATE | USEFUL LIFE | ANNUAL USE |
|---------------|-----------|------|--------------|----------------------|---------------|---------------|-------------------|------------|-------------|----------------|---------------|
| 1 | Tractor | 100 | DI | 5.40 | OL | 1.00 | 54514.00 | 38.0 | 60.00 | 7.00 | 350.00 |
| 2 | Tractor | 125 | DI | 6.69 | OL | 1.00 | 74253.00 | 38.0 | 60.00 | 7.00 | 400.00 |
| 3 | Tractor | 150 | DI | 7.72 | OL | 1.00 | 80073.00 | 38.0 | 60.00 | 7.00 | 600.00 |
| 4 | Tractor | 175 | DI | 9.78 | OL | 1.00 | 92300.00 | 38.0 | 60.00 | 7.00 | 400.00 |
| 5 | Tractor | 40 | DI | 2.57 | OL | 1.00 | 21283.00 | 38.0 | 75.00 | 7.00 | 350.00 |
| 6 | Tractor | 75 | DI | 3.86 | OL | 1.00 | 34748.00 | 38.0 | 75.00 | 7.00 | 400.00 |

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Table 4. Implements

| RECORD NUM | ITEM NAME | SIZE | PERF RATE | TRAC NUM | TRAC MULT | FUEL MULT | LABOR TYPE | ADD LABOR | PURCHASE PRICE | SV RATE | R&M RATE | USEFUL LIFE | ANNUAL USE |
|---------------|-------------------|---------|--------------|-------------|--------------|--------------|---------------|--------------|-------------------|------------|-------------|----------------|---------------|
| 1 | bed planter | | 0.0572 | 2 | 1.00 | 1.00 | HL | 1.00 | 53000.00 | 10.00 | 70.00 | 7.00 | 150.00 |
| 2 | bedder | | 0.0572 | 3 | 1.00 | 1.00 | OL | 1.20 | 13500.00 | 10.00 | 80.00 | 7.00 | 200.00 |
| 3 | blade plow | | 0.0996 | 3 | 1.00 | 1.00 | OL | 1.20 | 17745.00 | 10.00 | 50.00 | 7.00 | 200.00 |
| 4 | box float | | 0.3273 | 5 | 1.00 | 1.00 | OL | 1.20 | 2175.00 | 10.00 | 50.00 | 7.00 | 100.00 |
| 5 | chisel | | 0.0996 | 2 | 1.00 | 1.00 | OL | 1.20 | 13907.00 | 10.00 | 70.00 | 7.00 | 200.00 |
| 6 | cultivator | 12 row | 0.0785 | 1 | 1.00 | 1.00 | OL | 1.20 | 19862.00 | 10.00 | 80.00 | 7.00 | 100.00 |
| 7 | cultivator | 8 row | 0.1181 | 6 | 1.00 | 1.00 | OL | 1.20 | 14966.00 | 10.00 | 80.00 | 7.00 | 100.00 |
| 8 | cultivator | rolling | 0.1473 | 1 | 1.00 | 1.00 | OL | 1.20 | 14537.00 | 10.00 | 80.00 | 7.00 | 200.00 |
| 9 | cultivator 12 row | rolling | 0.0736 | 2 | 1.00 | 1.00 | OL | 1.20 | 19226.00 | 10.00 | 80.00 | 7.00 | 200.00 |
| 10 | disc | offset | 0.0788 | 1 | 1.00 | 1.00 | OL | 1.20 | 34261.00 | 10.00 | 80.00 | 7.00 | 200.00 |
| 12 | disc | tandem | 0.1380 | 1 | 1.00 | 1.00 | OL | 1.20 | 19345.00 | 10.00 | 80.00 | 7.00 | 200.00 |
| 14 | field cultivator | 35 ft | 0.0654 | 3 | 1.00 | 1.00 | OL | 1.20 | 24884.00 | 10.00 | 65.00 | 7.00 | 200.00 |
| 15 | furrow opener | 20 feet | 0.1000 | 6 | 1.00 | 1.00 | OL | 1.20 | 6750.00 | 10.00 | 80.00 | 7.00 | 100.00 |
| 13 | grain drill | | 0.2121 | 5 | 1.00 | 1.00 | HL | 1.00 | 8500.00 | 10.00 | 70.00 | 7.00 | 120.00 |
| 16 | lister | 20 ft | 0.1145 | 1 | 1.00 | 1.00 | OL | 1.20 | 8750.00 | 10.00 | 80.00 | 7.00 | 200.00 |
| 17 | lister/planter | 20 ft | 0.1145 | 6 | 1.00 | 1.00 | OL | 1.20 | 17500.00 | 10.00 | 70.00 | 7.00 | 150.00 |
| 18 | moldboard | | 0.2864 | 2 | 1.00 | 1.00 | OL | 1.20 | 13729.00 | 10.00 | 80.00 | 7.00 | 100.00 |
| 19 | packer | | 0.2761 | 5 | 1.00 | 1.00 | OL | 1.20 | 9500.00 | 10.00 | 80.00 | 7.00 | 200.00 |
| 20 | planter | bed | 0.1527 | 6 | 1.00 | 1.00 | HL | 1.00 | 16500.00 | 10.00 | 70.00 | 7.00 | 100.00 |
| 21 | planter | no-till | 0.1527 | 1 | 1.00 | 1.00 | HL | 1.00 | 42543.00 | 10.00 | 70.00 | 7.00 | 100.00 |
| 22 | rod weeder | 8 row | 0.0775 | 1 | 1.00 | 1.00 | OL | 1.20 | 11500.00 | 10.00 | 70.00 | 7.00 | 80.00 |
| 23 | rotary hoe | 8 row | 0.0775 | 6 | 1.00 | 1.00 | OL | 1.20 | 6707.00 | 10.00 | 80.00 | 7.00 | 80.00 |
| 24 | sand fighter | | 0.0572 | 5 | 1.00 | 1.00 | OL | 1.20 | 2880.00 | 10.00 | 80.00 | 7.00 | 100.00 |
| 25 | shredder | 4 row | 0.2095 | 5 | 1.00 | 1.00 | OL | 1.20 | 8437.00 | 10.00 | 40.00 | 7.00 | 125.00 |
| 26 | sprayer | mounted | 0.1577 | 1 | 1.00 | 1.00 | HL | 1.00 | 7500.00 | 10.00 | 100.00 | 7.00 | 100.00 |
| 27 | sweep plow | | 0.0654 | 3 | 1.00 | 1.00 | OL | 1.20 | 22884.00 | 10.00 | 80.00 | 7.00 | 200.00 |

Table 5. Operating Inputs

| RECORD NUM | ITEM NAME | UNIT | PRICE | COST YIELD? | COMMENT |
|---------------|----------------------|------|-------|----------------|---------|
| 2 | corral repair | head | 1.55 | | |
| CROP | INSURANCE | | | | |
| 5 | cotton - irrig | acre | 20.00 | | |
| 4 | cotton | acre | 15.00 | | |
| CUSTOM | | | | | |
| 86 | aerial spray - sunfl | acre | 4.20 | | |
| 91 | cust harv - peanuts | ton | 33.00 | | |
| 92 | cust harv - sorghumd | acre | 11.00 | | |
| 93 | cust harv - sorghumi | cwt. | 0.33 | | |
| 94 | cust harv - sunflowd | acre | 16.50 | | |
| 95 | cust harv - sunflowi | acre | 16.50 | | |
| 96 | cust harv - wheatd | acre | 13.20 | | |
| 97 | cust harv - wheati | acre | 16.50 | | |
| 99 | cust haul - peanuts | ton | 11.00 | | |
| 100 | cust haul - sorghumd | cwt. | 0.28 | | |
| 101 | cust haul - sorghumi | cwt. | 0.28 | | |
| 102 | cust haul - soybeans | bu. | 0.17 | | |
| 103 | cust haul - sunflowe | cwt. | 0.28 | | |
| 104 | cust haul - wheat | bu. | 0.13 | | |
| 89 | custom baling | bale | 0.66 | | |
| 90 | custom baling -round | ton | 22.00 | | |
| 98 | custom hauling | bu. | 0.13 | | |
| 105 | custom swathing | acre | 5.50 | | |
| 107 | dig & shake - peanut | acre | 17.50 | | |
| 108 | drying - custom | bu. | 0.12 | | |
| 109 | drying - peanut | ton | 20.00 | | |
| 111 | fert appl - ANH3 | acre | 6.60 | | |
| 112 | fert appl - dry | acre | 3.30 | | |
| 113 | fert appl - peanut | acre | 5.25 | | |
| 110 | fert application | acre | 3.30 | | |
| 115 | fung & appl - peanut | appl | 12.00 | | |
| 114 | fungicide & appl | appl | 15.00 | | |
| 116 | gin, bag & ties | cwt. | 1.75 | | |
| 117 | ginning - cotton | cwt. | 2.25 | | |
| 120 | harv & haul - corn | bu. | 0.31 | | |
| 121 | harv & haul - cornsi | ton | 4.66 | | |
| 122 | harv & haul - hay | ton | 22.00 | | |
| 124 | harv & haul - soybea | bu. | 0.33 | | |
| 125 | harv & haul - wheati | bu. | 0.44 | | |
| 87 | harv&haul - cotton | cwt. | 1.38 | | |
| 88 | harv&haul - peanuts | ton | 49.50 | | |
| 126 | harvaid appl - cott | acre | 20.00 | | |
| 127 | harvaid appl - cotti | acre | 25.00 | | |
| 119 | harvest & haul | cwt. | 1.38 | | |
| 128 | hauling sunflower | cwt. | 0.25 | | |
| 130 | herb application | acre | 3.30 | | |
| 129 | herb sunflowerd | acre | 11.49 | | |
| 132 | herb+appl - alfalfa | acre | 18.05 | | |
| 161 | herb+appl - corn pre | acre | 17.30 | | |
| 134 | herb+appl - cotton | acre | 15.00 | | |
| 135 | herb+appl - rot | acre | 12.00 | | |
| 136 | herb+appl - sorghum | acre | 18.66 | | |
| 137 | herb+appl - soybean1 | acre | 11.63 | | |
| 133 | herb+appl -corn post | acre | 19.30 | | |
| 138 | hoeing | acre | 12.60 | | |
| 139 | hoeing - peanut | acre | 15.00 | | |
| 142 | inse + appl - corn | appl | 22.73 | | |
| 141 | inse +appl - alfalfa | appl | 13.75 | | |
| 143 | insec+appl - cotton | appl | 10.50 | | |
| 144 | insec+appl - peanut | appl | 10.00 | | |
| 146 | insec+appl - sorghum | appl | 13.00 | | |
| 151 | insec+appl - wheat | acre | 11.00 | | |
| 147 | insec+appl-soybeans | acre | 10.24 | | |
| 148 | insec+appl-sunflow1 | appl | 7.35 | | |
| 149 | insec+appl-sunflow2 | appl | 16.66 | | |
| 150 | insec+appl-sunflower | appl | 8.00 | | |
| 140 | insecticide appl | appl | 10.00 | | |
| 153 | soil test | acre | 0.50 | | |
| 6 | stocker delivery | head | 5.00 | | |
| 154 | strip & module-cotto | cwt. | 1.25 | | |
| 155 | thinning - custom | acre | 25.00 | | |

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 Texas Cooperative Extension and approved for publication.

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| | | | |
|-------------|----------------------|-------|--------|
| 7 | fallow land - confix | acre | 32.94 |
| 9 | fallow land- convar | acre | 11.99 |
| 11 | fallow land-min var | acre | 17.23 |
| 10 | fallow land-minfixd | acre | 23.94 |
| FEED | | | |
| 3 | cottonseed meal | lb | 0.08 |
| 22 | hay | lb. | 0.03 |
| 23 | hay - stocker | ton | 108.77 |
| 50 | pasture | \$/mo | 10.00 |
| 54 | salt & minerals | lb. | 0.23 |
| 84 | wheat pasture | cwt. | 3.00 |
| 12 | fence repair | head | 4.00 |
| FERTILIZER | | | |
| 160 | fert (N) - dry | lb. | 0.21 |
| 159 | fert (P) - dry | lb. | 0.22 |
| 13 | fert(N) - alfalfa | lb. | 0.21 |
| 14 | fert(N) - ANH3 | lb. | 0.10 |
| 15 | fert(N) - dry | lb. | 0.21 |
| 16 | fert(N) - liquid | lb. | 0.22 |
| 17 | fert(P) - dry | lb. | 0.22 |
| 18 | fert(P) - liquid | lb. | 0.32 |
| 48 | nitrogen | lb. | 0.21 |
| 49 | nitrogen - peanut | lb. | 0.21 |
| 51 | phosphate | lb | 0.21 |
| 52 | phosphate- peanut | lb. | 0.21 |
| FUNGICIDE | | | |
| 19 | fungicide | appl | 8.00 |
| 32 | herb. - sunflowerd | acre | 13.44 |
| 21 | gin,bags & ties | cwt. | 1.75 |
| HERBICIDE | | | |
| 34 | herb&appl-alfalfa | acre | 18.05 |
| 35 | herb&appl.-rot#1 | acre | 12.00 |
| 162 | herb+appl - corn pre | acre | 17.30 |
| 163 | herb+appl -corn post | acre | 19.30 |
| 33 | herb. & appl - sunfl | acre | 11.75 |
| 24 | herb. - alfalfa | acre | 17.75 |
| 26 | herb. - cotton | acre | 15.00 |
| 30 | herb. - sorghumi | acre | 18.66 |
| 31 | herb. - soybean | acre | 11.63 |
| 38 | herb.& appl. - wheat | acre | 9.00 |
| 36 | herb.&appl- rot#2 | acre | 9.00 |
| 37 | herb.&appl. - rot#3 | acre | 15.00 |
| 27 | herb.- peanut | acre | 15.00 |
| 29 | herbicide rotation | acre | 4.80 |
| INSECTICIDE | | | |
| 164 | Boll Weevil - Dry | acre | 6.00 |
| 165 | Boll Weevil - Irr | acre | 12.00 |
| 42 | insec. - sorghum | acre | 10.80 |
| 43 | insec. - sunflower | acre | 13.66 |
| 40 | insect - alfalfa | acre | 10.75 |
| 41 | insect. - corn | acre | 19.73 |
| 44 | insect. - wheat | acre | 11.00 |
| 157 | miticide | acre | 23.50 |
| 156 | rootworm ins&appl | appl | 14.65 |
| 45 | marketing-cow/calf | head | 5.00 |
| 47 | misc. - stocker | head | 1.00 |
| 46 | misc.- cow/calf | head | 3.00 |
| 53 | range improvement | acre | 0.40 |
| SEED | | | |
| 39 | innoculant | acre | 5.00 |
| 55 | seed - alfalfa | lb. | 2.36 |
| 57 | seed - corn silage | bags | 95.00 |
| 56 | seed - corngr. | bags | 99.00 |
| 58 | seed - cotton | lb. | 1.40 |
| 158 | seed - cotton (RR) | lb. | 1.40 |
| 59 | seed - pasture | lb. | 1.25 |
| 60 | seed - peanut | lb. | 0.81 |
| 61 | seed - sorghum | lb. | 1.10 |
| 62 | seed - soybean | lb. | 0.50 |
| 63 | seed - sunflower | lb. | 4.00 |
| 65 | seed treatment-cttn | acre | 12.00 |
| 64 | seed- wheat | bu. | 6.45 |

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| | | | |
|----|----------------------|------|-------|
| 68 | set aside - corn f | acre | 52.94 |
| 69 | set aside - corn v | acre | 7.29 |
| 70 | set aside - drycon f | acre | 23.10 |
| 71 | set aside - drycon v | acre | 7.79 |
| 72 | set aside - irrgrn f | acre | 32.94 |
| 73 | set aside - irrgrn v | acre | 7.29 |
| 74 | set aside - rowf | acre | 31.66 |
| 76 | set aside - wheatf | acre | 30.16 |
| 77 | set aside - wheatv | acre | 17.82 |
| 75 | set aside- rowv | acre | 17.90 |
| 78 | stocker steers | cwt. | 82.00 |
| 79 | stocker steers-winte | cwt. | 78.00 |
| 81 | vet & processing | head | 15.00 |
| 82 | vet. medicine | head | 7.50 |
| 83 | water facil repair | head | 2.50 |

Table 6. Other Durable Inputs

| RECORD NUM | ITEM NAME | UNIT | FUEL TYPE | FUEL CONS RATE | R&M COST | LABOR TYPE | LABOR USE | FIXED COST /UNIT | FIXED COST /ACRE | COMMENT |
|---------------|----------------------|-------|--------------|----------------------|-------------|---------------|--------------|------------------------|------------------------|---------|
| 3 | irrig.-CP(nat. gas) | ac-in | NG | 1.0000 | 2.030 | IL | 0.0640 | 0.000 | 33.60 | |
| 2 | irrigation - nat.gas | ac-in | NG | 1.0000 | 1.800 | IL | 0.1405 | 0.000 | 24.62 | |

Table 7. Operating Input Categories

| RECORD | |
|--------|----------------|
| NUM | ITEM NAME |
| 10 | |
| 9 | CROP INSURANCE |
| 8 | CUSTOM |
| 7 | FEED |
| 6 | FERTILIZER |
| 5 | FUNGICIDE |
| 4 | HARVEST AID |
| 3 | HERBICIDE |
| 2 | INSECTICIDE |
| 1 | SEED |

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Table 9. Allocated Cost Items

| RECORD NUM | ITEM NAME | CALC NUM | DOLLARS PER ACRE | % OF INCOME | % OF DIRECT EXPENSES | % OF TOTAL EXPENSES |
|---------------|----------------------|-------------|---------------------|----------------|----------------------------|---------------------------|
| 1 | cash - rent | 1 | 15.00 | 0.00 | 0.00 | 0.00 |
| 2 | cash rent - alfalfa | 1 | 75.00 | 0.00 | 0.00 | 0.00 |
| 3 | cash rent - corn | 1 | 75.00 | 0.00 | 0.00 | 0.00 |
| 4 | cash rent - cottond | 1 | 15.00 | 0.00 | 0.00 | 0.00 |
| 5 | cash rent - cottonf | 1 | 45.00 | 0.00 | 0.00 | 0.00 |
| 6 | cash rent - cottoni | 1 | 45.00 | 0.00 | 0.00 | 0.00 |
| 7 | cash rent - dryland | 1 | 15.00 | 0.00 | 0.00 | 0.00 |
| 9 | cash rent - irrigat | 1 | 75.00 | 0.00 | 0.00 | 0.00 |
| 10 | cash rent - pasture | 1 | 45.00 | 0.00 | 0.00 | 0.00 |
| 11 | cash rent - peanuts | 1 | 75.00 | 0.00 | 0.00 | 0.00 |
| 13 | cash rent - potatoes | 1 | 75.00 | 0.00 | 0.00 | 0.00 |
| 15 | cash rent - sorghumf | 1 | 45.00 | 0.00 | 0.00 | 0.00 |
| 19 | cash rent - wheatd | 1 | 15.00 | 0.00 | 0.00 | 0.00 |
| 20 | cash rent - wheati | 1 | 45.00 | 0.00 | 0.00 | 0.00 |
| 14 | cash rent- sorghum | 1 | 15.00 | 0.00 | 0.00 | 0.00 |
| 16 | cash rent- soybeans | 1 | 45.00 | 0.00 | 0.00 | 0.00 |
| 17 | cash rent-sunflowerd | 1 | 15.00 | 0.00 | 0.00 | 0.00 |
| 18 | cash rent-sunfloweri | 1 | 45.00 | 0.00 | 0.00 | 0.00 |
| 21 | lease - pasture | 1 | 5.00 | 0.00 | 0.00 | 0.00 |
| 22 | perennial crop | 1 | 49.89 | 0.00 | 0.00 | 0.00 |
| 23 | perennial Crop - PP | 1 | 40.12 | 0.00 | 0.00 | 0.00 |