

Table 4.D Estimated costs and returns per acre
Trans Pecos Irrigated Cotton
Furrow Irrigated 40 inch Rows, Far West Texas, 2012

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|-----------|------------------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| Cotton Lint | lb | 1.04 | 1500.0000 | 1560.00 | _____ |
| Cotton Seed | lb | 0.20 | 2368.0000 | 473.60 | _____ |
| TOTAL INCOME | | | | ----- 2033.60 | _____ |
| DIRECT EXPENSES | | | | | |
| HARVEST AIDS | | | | | |
| Prep | oz | 0.51 | 16.0000 | 8.16 | _____ |
| Aim | oz | 5.07 | 1.0000 | 5.07 | _____ |
| Gramoxone Inteon | oz | 0.22 | 20.0000 | 4.40 | _____ |
| FERTILIZERS | | | | | |
| Fert 10-34-0 | cwt | 35.00 | 1.0000 | 35.00 | _____ |
| N-32 in Water | lb | 0.18 | 281.0000 | 50.58 | _____ |
| Phosphoric Acid | lb | 0.29 | 32.0000 | 9.28 | _____ |
| HERBICIDES | | | | | |
| Trifluralin | pt | 2.83 | 2.0000 | 5.66 | _____ |
| Glyphosate | pt | 2.10 | 4.0000 | 8.40 | _____ |
| SEED/PLANTS | | | | | |
| Cotton Seed BIIRRF | thous | 1.43 | 40.0000 | 57.20 | _____ |
| TECHNOLOGY FEE | | | | | |
| Erad Zn TransP Dry | ac | 20.00 | 1.0000 | 20.00 | _____ |
| CUSTOM HIRE | | | | | |
| Custom Spray | acre | 4.00 | 2.0000 | 8.00 | _____ |
| Gin, Bag and Tie-Wst | ac | 154.00 | 1.0000 | 154.00 | _____ |
| Operator Labor | | | | | |
| Tractors | hour | 12.00 | 1.2005 | 14.41 | _____ |
| Self-Propelled | hour | 12.00 | 0.1459 | 1.75 | _____ |
| Irrigation Labor | | | | | |
| Trans-Pec Fld/Fur NG | hour | 11.00 | 0.3974 | 4.38 | _____ |
| Hand Labor | | | | | |
| Special Labor | hour | 10.00 | 0.7764 | 7.76 | _____ |
| Implements | hour | 10.00 | 0.5909 | 5.90 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 3.30 | 10.0523 | 33.15 | _____ |
| Self-Propelled | gal | 3.30 | 1.3135 | 4.33 | _____ |
| GASOLINE | | | | | |
| Pickup | gal | 3.15 | 3.2160 | 10.14 | _____ |
| NATURAL GAS | | | | | |
| Trans-Pec Fld/Fur NG | Mcf | 6.40 | 17.8999 | 114.54 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 6.24 | 1.0000 | 6.24 | _____ |
| Tractors | acre | 3.31 | 1.0000 | 3.31 | _____ |
| Self-Propelled | acre | 3.48 | 1.0000 | 3.48 | _____ |
| Trans-Pec Fld/Fur NG | ac-in | 0.28 | 28.9800 | 8.34 | _____ |
| Pickup | ea | 1200.00 | 0.0013 | 1.60 | _____ |
| TOTAL DIRECT EXPENSES | | | | ----- 585.08 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | ----- 1448.52 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 12.24 | 1.0000 | 12.24 | _____ |
| Tractors | acre | 22.41 | 1.0000 | 22.41 | _____ |
| Self-Propelled | acre | 11.57 | 1.0000 | 11.57 | _____ |
| Trans-Pec Fld/Fur NG | each | 6381.16 | 0.0083 | 53.18 | _____ |
| Pickup | each | 5901.77 | 0.0003 | 1.97 | _____ |
| TOTAL FIXED EXPENSES | | | | ----- 101.37 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | ----- 686.45 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | ----- 1347.15 | _____ |
| RESIDUAL ITEMS | | | | | |
| Trans Pecos Irr Lnd | acre | 40.00 | 1.0000 | 40.00 | _____ |
| RESIDUAL RETURNS | | | | ----- 1307.15 | _____ |

Note: Cost of production estimates are based on last year's input price

Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2012

B-1241 (C6)

Table 4.A Estimated resource use and costs for field operations, per acre
Trans Pecos Irrigated Cotton
Furrow Irrigated 40 inch Rows, Far West Texas, 2012

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|--------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Stalk Shredder-Flail | 20' | MFWD 150 | 0.082 | 1.00 | Dec | 2.32 | 1.47 | 1.05 | 0.70 | 0.08 | 0.99 | | | | 6.53 |
| Disk Harrow | 24' | MFWD 190 | 0.081 | 1.00 | Jan | 2.92 | 1.97 | 0.38 | 0.89 | 0.08 | 0.98 | | | | 7.14 |
| Trifluralin | pt | | | | | | | | | | | 2.0000 | 2.83 | 5.66 | 5.66 |
| Lister | 8 row | MFWD 130 | 0.060 | 1.00 | Jan | 1.90 | 0.95 | 0.14 | 0.18 | 0.06 | 0.72 | | | | 3.89 |
| Fert Spreader (dry) | | 2WD 50 | 0.033 | 1.00 | Mar | 0.31 | 0.12 | 0.02 | 0.04 | 0.03 | 0.40 | | | | 0.89 |
| Fert 10-34-0 | cwt | | | | | | | | | | | 1.0000 | 35.00 | 35.00 | 35.00 |
| Plant - Folding | 8R-40 | MFWD 170 | 0.070 | 1.00 | May | 2.25 | 1.50 | 0.68 | 1.45 | 0.14 | 1.55 | | | | 7.43 |
| Cotton Seed BIIRRF | thous | | | | | | | | | | | 40.0000 | 1.43 | 57.20 | 57.20 |
| N-32 in Water | lb | | | 1.00 | Jun | | | | | | | 281.0000 | 0.18 | 50.58 | 50.58 |
| Phosphoric Acid | lb | | | | | | | | | | | 32.0000 | 0.29 | 9.28 | 9.28 |
| Erad Zn TransP Dry | ac | | | 1.00 | Jun | | | | | | | 1.0000 | 20.00 | 20.00 | 20.00 |
| Spray (Broadcast) | 60' | MFWD 170 | 0.028 | 1.00 | Jun | 0.90 | 0.60 | 0.08 | 0.10 | 0.04 | 0.48 | | | | 2.16 |
| Glyphosate | pt | | | | | | | | | | | 2.0000 | 2.10 | 4.20 | 4.20 |
| Cultivate | 8R-40 | MFWD 170 | 0.077 | 1.00 | Jul | 2.47 | 1.64 | 0.25 | 0.74 | 0.07 | 0.93 | | | | 6.03 |
| Hand Labor | hour | | | 1.00 | Jul | | | | | | | | | | 7.76 |
| Spray (Broadcast) | 60' | MFWD 170 | 0.028 | 1.00 | Jul | 0.90 | 0.60 | 0.08 | 0.10 | 0.04 | 0.48 | | | | 2.16 |
| Glyphosate | pt | | | | | | | | | | | 2.0000 | 2.10 | 4.20 | 4.20 |
| Custom Spray | acre | | | 1.00 | Oct | | | | | | | 1.0000 | 4.00 | 4.00 | 4.00 |
| Prep | oz | | | | | | | | | | | 16.0000 | 0.51 | 8.16 | 8.16 |
| Aim | oz | | | | | | | | | | | 0.7500 | 5.07 | 3.80 | 3.80 |
| Custom Spray | acre | | | 1.00 | Oct | | | | | | | 1.0000 | 4.00 | 4.00 | 4.00 |
| Gramoxone Inteon | oz | | | | | | | | | | | 20.0000 | 0.22 | 4.40 | 4.40 |
| Aim | oz | | | | | | | | | | | 0.2500 | 5.07 | 1.27 | 1.27 |
| Boll Buggy-1st pick | 4R40"255hp | MFWD 190 | 0.246 | 1.00 | Oct | 8.80 | 5.92 | 0.95 | 2.14 | 0.24 | 2.95 | | | | 20.76 |
| Module Builder-1st | 4R40255 | 2WD 150 | 0.246 | 2.00 | Oct | 13.69 | 7.64 | 2.61 | 5.90 | 0.98 | 10.83 | | | | 40.67 |
| Cotton Stripper | 8R-40 | | 0.145 | 1.00 | Oct | 7.81 | 11.57 | | | 0.14 | 1.75 | | | | 21.13 |
| Gin, Bag and Tie-Wst | ac | | | 1.00 | Oct | | | | | | | 1.0000 | 154.00 | 154.00 | 154.00 |
| Pickup | each | | | 1.00 | Jan | | | | | | 1.97 | 0.0003 | | | 1.97 |
| Application 1 | ea | | | | | | | 5.87 | | | | 0.0006 | | | 5.87 |
| Application 2 | ea | | | | | | | 5.87 | | | | 0.0006 | | | 5.87 |
| Trans-Pec Fld/Fur NG | each | | | 1.00 | May | | | | 53.18 | | | 0.0083 | | | 53.18 |
| Application 1 | ac-in | | | | | | | 20.48 | | 0.06 | 0.73 | 4.8300 | | | 21.21 |
| Application 2 | ac-in | | | | | | | 20.48 | | 0.06 | 0.73 | 4.8300 | | | 21.21 |
| Application 3 | ac-in | | | | | | | 20.48 | | 0.06 | 0.73 | 4.8300 | | | 21.21 |
| Application 4 | ac-in | | | | | | | 20.48 | | 0.06 | 0.73 | 4.8300 | | | 21.21 |
| Application 5 | ac-in | | | | | | | 20.48 | | 0.06 | 0.73 | 4.8300 | | | 21.21 |
| Application 6 | ac-in | | | | | | | 20.48 | | 0.06 | 0.73 | 4.8300 | | | 21.21 |
| TOTALS | | | | | | 44.27 | 33.98 | 140.86 | 67.39 | 3.11 | 34.20 | | | 365.75 | 686.45 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 0.00 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 686.45 |

Note: Cost of production estimates are based on last year's input prices.