

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2011*

B-1241 (C6)

Table 24.D Estimated costs and returns per acre
Alfalfa Establishment
Center Pivot Irrigated, Far West Texas, 2011

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|----------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| TOTAL INCOME | | | | 0.00 | ----- |
| DIRECT EXPENSES | | | | | |
| FERTILIZERS | | | | | |
| Phosphate 0-46-0 | lb | 0.55 | 2.1700 | 1.19 | ----- |
| HERBICIDES | | | | | |
| Glyphosate | pt | 1.44 | 2.0000 | 2.88 | ----- |
| SEED/PLANTS | | | | | |
| Alfalfa Seed Innocul | lb | 3.50 | 32.0000 | 112.00 | ----- |
| CUSTOM HIRE | | | | | |
| Custom Apply Fert | acre | 4.00 | 1.0000 | 4.00 | ----- |
| Operator Labor | | | | | |
| Tractors | hour | 12.00 | 0.2525 | 3.03 | ----- |
| Self-Propelled | hour | 12.00 | 0.0141 | 0.17 | ----- |
| Irrigation Labor | | | | | |
| Trans-Pecos Pivot NG | hour | 11.00 | 0.0175 | 0.20 | ----- |
| Hand Labor | | | | | |
| Implements | hour | 10.00 | 0.0942 | 0.94 | ----- |
| Self-Propelled | hour | 10.00 | 0.0070 | 0.07 | ----- |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.46 | 2.3732 | 5.84 | ----- |
| Self-Propelled | gal | 2.46 | 0.1451 | 0.36 | ----- |
| GASOLINE | | | | | |
| Pickup | gal | 3.00 | 1.6080 | 4.82 | ----- |
| NATURAL GAS | | | | | |
| Trans-Pecos Pivot NG | Mcf | 11.00 | 3.0433 | 33.48 | ----- |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 1.79 | 1.0000 | 1.79 | ----- |
| Tractors | acre | 0.84 | 1.0000 | 0.84 | ----- |
| Self-Propelled | acre | 0.11 | 1.0000 | 0.11 | ----- |
| Pickup | ea | 1200.00 | 0.0006 | 0.80 | ----- |
| Trans-Pecos Pivot NG | ac-in | 2.00 | 4.0000 | 8.03 | ----- |
| INTEREST ON OP. CAP. | acre | 6.52 | 1.0000 | 6.52 | ----- |
| TOTAL DIRECT EXPENSES | | | | 187.07 | ----- |
| RETURNS ABOVE DIRECT EXPENSES | | | | -187.07 | ----- |
| FIXED EXPENSES | | | | | |
| Implements | acre | 3.75 | 1.0000 | 3.75 | ----- |
| Tractors | acre | 5.73 | 1.0000 | 5.73 | ----- |
| Self-Propelled | acre | 0.75 | 1.0000 | 0.75 | ----- |
| Pickup | each | 5846.54 | 0.0003 | 1.95 | ----- |
| Trans-Pecos Pivot NG | each | 11343.14 | 0.0076 | 87.25 | ----- |
| TOTAL FIXED EXPENSES | | | | 99.43 | ----- |
| TOTAL SPECIFIED EXPENSES | | | | 286.50 | ----- |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -286.50 | ----- |

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

Table 24.A Estimated resource use and costs for field operations, per acre
 Alfalfa Establishment
 Center Pivot Irrigated, Far West Texas, 2011

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF TIMES | | | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|------------|------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|-------|--------|---------------|
| | | | RATE | OVER | MTH | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Sprayer(600-825 Gal) | 90' | | 0.014 | 1.00 | Jul | 0.47 | 0.75 | | | 0.02 | 0.24 | | | | 1.46 |
| Glyphosate | pt | | | | | | | | | | | 2.0000 | 1.44 | 2.88 | 2.88 |
| Custom Apply Fert | acre | | | 1.00 | Aug | | | | | | | 1.0000 | 4.00 | 4.00 | 4.00 |
| Phosphate 0-46-0 | lb | | | | | | | | | | | 2.1700 | 0.55 | 1.19 | 1.19 |
| Chisel Plow(Folding) | 24' | MFWD 190 | 0.076 | 1.00 | Aug | 2.11 | 1.81 | 0.44 | 0.85 | 0.07 | 0.92 | | | | 6.13 |
| Disk Harrow | 24' | MFWD 190 | 0.081 | 1.00 | Aug | 2.25 | 1.94 | 0.38 | 0.88 | 0.08 | 0.98 | | | | 6.43 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Sep | 2.32 | 1.98 | 0.97 | 2.02 | 0.18 | 2.07 | | | | 9.36 |
| Alfalfa Seed Innocul | lb | | | | | | | | | | | 32.0000 | 3.50 | 112.00 | 112.00 |
| Pickup | each | | | 1.00 | Jul | | | | 1.95 | | | 0.0003 | | | 1.95 |
| Application 1 | ea | | | | | | | 5.62 | | | | 0.0006 | | | 5.62 |
| Trans-Pecos Pivot NG | each | | | 1.00 | Jul | | | | 87.25 | | | 0.0076 | | | 87.25 |
| Application 1 | ac-in | | | | | | | 20.75 | | 0.00 | 0.10 | 2.0000 | | | 20.85 |
| Application 2 | ac-in | | | | | | | 10.38 | | 0.00 | 0.05 | 1.0000 | | | 10.43 |
| Application 3 | ac-in | | | | | | | 10.38 | | 0.00 | 0.05 | 1.0000 | | | 10.43 |
| TOTALS | | | | | | 7.15 | 6.48 | 48.92 | 92.95 | 0.38 | 4.41 | | | 120.07 | 279.98 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 6.52 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 286.50 |

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