

Table 21.A Estimated costs and returns per Acre
 Winter Wheat, Irrigated
 2005 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| wheat winter | bu | 4.00 | 70.0000 | 280.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 280.00 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed wheat | lb | 0.17 | 60.0000 | 10.20 | _____ |
| CROP INSURANCE | | | | | |
| crop ins. wheat i | acre | 6.20 | 1.0000 | 6.20 | _____ |
| FUNGICIDE | | | | | |
| fungicide wheat | acre | 10.00 | 0.5000 | 5.00 | _____ |
| FERTILIZER | | | | | |
| nitrogen n32 | lb | 0.34 | 70.0000 | 23.80 | _____ |
| phospate | lb | 0.38 | 40.0000 | 15.36 | _____ |
| MISC ADMIN O/H | | | | | |
| mis admin o/h wh | acre | 16.00 | 0.3000 | 4.80 | _____ |
| CUSTOM | | | | | |
| pesticide appl wheat | acre | 4.50 | 1.0000 | 4.50 | _____ |
| cstm haul wheat | bu | 0.15 | 70.0000 | 10.50 | _____ |
| cstm hvst wheat | acre | 14.88 | 1.0000 | 14.88 | _____ |
| IRRIGATION | | | | | |
| irrigation costs | ac/in | 5.00 | 6.0000 | 30.00 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 8.90 | 0.6786 | 6.03 | _____ |
| IRRIGATION LABOR | | | | | |
| irr system 1 | hour | 8.90 | 0.3000 | 2.67 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.60 | 5.1294 | 8.20 | _____ |
| GASOLINE | | | | | |
| Pick-up, 3/4 ton | gal | 2.15 | 0.9100 | 1.95 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 3.74 | 1.0000 | 3.74 | _____ |
| Tractors | Acre | 7.38 | 1.0000 | 7.38 | _____ |
| Pick-up, 3/4 ton | acre | 1.00 | 1.0000 | 1.00 | _____ |
| irr system 1 | ac/in | 0.17 | 6.0000 | 1.02 | _____ |
| INTEREST ON OP. CAP. | Acre | 5.50 | 1.0000 | 5.50 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 162.76 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 117.23 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 7.48 | 1.0000 | 7.48 | _____ |
| Tractors | Acre | 12.61 | 1.0000 | 12.61 | _____ |
| Pick-up, 3/4 ton | acre | 3.00 | 1.0000 | 3.00 | _____ |
| irr system 1 | ac/in | 0.17 | 6.0000 | 1.02 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 24.12 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 186.89 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 93.10 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent wheat irr | acre | 50.00 | 1.0000 | 50.00 | _____ |
| RESIDUAL RETURNS | | | | 43.10 | _____ |

Projections for Planning Purposes Only
 Not to be Used without Updating after October 15, 2004

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Table 21.B Estimated resource use and costs for field operations, per Acre
 Winter Wheat, Irrigated
 2005 Projected Costs and Returns per Acre

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF RATE | TIMES OVER | MTH | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST |
|-------------------------------|---------------|-----------------|--------------|---------------|-----|-------------------|-------|------------|-------|-------------|------|-------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| shredder | | 100 | 0.199 | 1.00 | Aug | 3.81 | 3.58 | 0.58 | 0.91 | 0.199 | 1.77 | | | | 10.68 |
| tandem disc - 20 ft | 20 feet | 200 | 0.103 | 1.00 | Aug | 2.72 | 2.11 | 0.70 | 1.47 | 0.103 | 0.91 | | | | 7.93 |
| tandem disc - 20 ft | 20 feet | 200 | 0.103 | 1.00 | Oct | 2.72 | 2.11 | 0.70 | 1.47 | 0.103 | 0.91 | | | | 7.93 |
| field cultivator | 30 feet | 200 | 0.068 | 1.00 | Oct | 1.81 | 1.41 | 0.58 | 1.22 | 0.068 | 0.61 | | | | 5.65 |
| grain drill | | 150 | 0.204 | 1.00 | Nov | 4.50 | 3.38 | 1.15 | 2.40 | 0.204 | 1.82 | | | | 13.27 |
| seed wheat | lb | | | | | | | | | | | 60.0000 | 0.17 | 10.20 | 10.20 |
| crop ins. wheat i | acre | | | | | | | | | | | 1.0000 | 6.20 | 6.20 | 6.20 |
| nitrogen n32 | lb | | | | | | | | | | | 70.0000 | 0.34 | 23.80 | 23.80 |
| phospate | lb | | | | | | | | | | | 40.0000 | 0.38 | 15.36 | 15.36 |
| irrigation costs | ac/in | | | 1.00 | Nov | | | | | | | 1.5000 | 5.00 | 7.50 | 7.50 |
| irrigation costs | ac/in | | | 1.00 | Dec | | | | | | | 1.0000 | 5.00 | 5.00 | 5.00 |
| Pick-up, 3/4 ton | acre | | | 1.00 | Jan | | | 2.95 | 3.00 | | | 1.0000 | | | 5.95 |
| irrigation costs | ac/in | | | 1.00 | Feb | | | | | | | 1.0000 | 5.00 | 5.00 | 5.00 |
| fungicide wheat | acre | | | 1.00 | Feb | | | | | | | 0.5000 | 10.00 | 5.00 | 5.00 |
| pesticide appl wheat | acre | | | | | | | | | | | 1.0000 | 4.50 | 4.50 | 4.50 |
| irrigation costs | ac/in | | | | | | | | | | | 1.0000 | 5.00 | 5.00 | 5.00 |
| irrigation costs | ac/in | | | 1.00 | Mar | | | | | | | 1.5000 | 5.00 | 7.50 | 7.50 |
| cstm haul wheat | bu | | | 1.00 | May | | | | | | | 70.0000 | 0.15 | 10.50 | 10.50 |
| cstm hvst wheat | acre | | | | | | | | | | | 1.0000 | 14.88 | 14.88 | 14.88 |
| mis admin o/h wh | acre | | | | | | | | | | | 0.3000 | 16.00 | 4.80 | 4.80 |
| irr system 1 | ac/in | | | 1.00 | Sep | | | 1.02 | 1.02 | 0.300 | 2.67 | 6.0000 | | | 4.71 |
| TOTALS | | | | | | 15.58 | 12.61 | 7.72 | 11.50 | 0.978 | 8.70 | | | 125.24 | 181.39 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 5.50 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 186.89 |

*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
 These projections were collected & developed by TCE staff & approved for publication.*