

Table 18.A Estimated costs and returns per acre
Spring Wheat, Irrigated
2011 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| wheat spring | bu | 7.70 | 55.0000 | 423.50 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 423.50 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed wheat - spring | bag | 22.00 | 1.6700 | 36.74 | _____ |
| CROP INSURANCE | | | | | |
| crop ins. wheat i | acre | 5.20 | 1.0000 | 5.20 | _____ |
| FUNGICIDE | | | | | |
| fungicide wheat | acre | 11.00 | 0.5000 | 5.50 | _____ |
| INSECTICIDE | | | | | |
| lanate | pint | 8.15 | 0.5000 | 4.07 | _____ |
| FERTILIZER | | | | | |
| nitrogen n32 | lb | 0.50 | 80.0000 | 40.00 | _____ |
| phospate | lb | 0.65 | 30.0000 | 19.50 | _____ |
| MISC ADMIN O/H | | | | | |
| mis admin o/h wh | acre | 4.00 | 0.3000 | 1.20 | _____ |
| HERBICIDES | | | | | |
| herbicide 2-4D | pint | 3.13 | 1.0000 | 3.13 | _____ |
| CUSTOM | | | | | |
| pesticide appl wheat | acre | 5.50 | 1.0000 | 5.50 | _____ |
| custom application | acre | 5.00 | 0.5000 | 2.50 | _____ |
| cstm haul wheat | bu | 0.15 | 55.0000 | 8.25 | _____ |
| cstm hvst wheat | acre | 20.00 | 1.0000 | 20.00 | _____ |
| IRRIGATION | | | | | |
| irrigation costs | ac/in | 7.00 | 5.0000 | 35.00 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 11.00 | 0.6125 | 6.73 | _____ |
| IRRIGATION LABOR | | | | | |
| irr system 1 | hour | 11.00 | 0.2500 | 2.75 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.65 | 3.8180 | 10.11 | _____ |
| GASOLINE | | | | | |
| Pick-up, 3/4 ton | gal | 2.70 | 0.9100 | 2.45 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 4.15 | 1.0000 | 4.15 | _____ |
| Tractors | acre | 7.96 | 1.0000 | 7.96 | _____ |
| Pick-up, 3/4 ton | acre | 1.00 | 1.0000 | 1.00 | _____ |
| irr system 1 | ac/in | 0.17 | 5.0000 | 0.85 | _____ |
| INTEREST ON OP. CAP. | acre | 6.18 | 1.0000 | 6.18 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 228.81 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 194.68 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 7.53 | 1.0000 | 7.53 | _____ |
| Tractors | acre | 12.06 | 1.0000 | 12.06 | _____ |
| Pick-up, 3/4 ton | acre | 3.60 | 1.0000 | 3.60 | _____ |
| irr system 1 | ac/in | 0.20 | 5.0000 | 1.02 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 24.22 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 253.03 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 170.46 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent wheat irr | acre | 50.00 | 1.0000 | 50.00 | _____ |
| RESIDUAL RETURNS | | | | 120.46 | _____ |

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

B-1241 (C10)

Table 18.B Estimated resource use and costs for field operations, per acre
 Spring Wheat, Irrigated
 2011 Projected Costs and Returns per Acre

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF TIMES | | | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST |
|-------------------------------|---------------|-----------------|------------|------|-----|-------------------|-------|------------|-------|-------------|------|-------------------|-------|--------|---------------|
| | | | RATE | OVER | MTH | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| shredder | | 100 | 0.130 | 1.00 | Aug | 3.27 | 2.10 | 0.61 | 0.86 | 0.130 | 1.43 | | | | 8.28 |
| tandem disc - 20 ft | 20 feet | 200 | 0.103 | 1.00 | Aug | 4.56 | 3.12 | 1.14 | 2.11 | 0.103 | 1.13 | | | | 12.08 |
| tandem disc - 20 ft | 20 feet | 200 | 0.103 | 1.00 | Oct | 4.56 | 3.12 | 1.14 | 2.11 | 0.103 | 1.13 | | | | 12.08 |
| field cultivator | 30 feet | 200 | 0.068 | 1.00 | Dec | 3.04 | 2.08 | 0.48 | 1.05 | 0.068 | 0.75 | | | | 7.42 |
| grain drill | | 150 | 0.083 | 1.00 | Dec | 2.62 | 1.62 | 0.76 | 1.39 | 0.207 | 2.28 | | | | 8.69 |
| seed wheat - spring | bag | | | | | | | | | | | 1.6700 | 22.00 | 36.74 | 36.74 |
| crop ins. wheat i | acre | | | | | | | | | | | 1.0000 | 5.20 | 5.20 | 5.20 |
| irrigation costs | ac/in | | | | | | | | | | | 1.5000 | 7.00 | 10.50 | 10.50 |
| nitrogen n32 | lb | | | | | | | | | | | 80.0000 | 0.50 | 40.00 | 40.00 |
| phospate | lb | | | | | | | | | | | 30.0000 | 0.65 | 19.50 | 19.50 |
| herbicide 2-4D | pint | | | | | | | | | | | 1.0000 | 3.13 | 3.13 | 3.13 |
| Pick-up, 3/4 ton | acre | | | 1.00 | Jan | | | 3.45 | 3.60 | | | 1.0000 | | | 7.05 |
| irrigation costs | ac/in | | | | | | | | | | | 1.0000 | 7.00 | 7.00 | 7.00 |
| fungicide wheat | acre | | | 1.00 | Feb | | | | | | | 0.5000 | 11.00 | 5.50 | 5.50 |
| pesticide appl wheat | acre | | | | | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| irrigation costs | ac/in | | | | | | | | | | | 1.0000 | 7.00 | 7.00 | 7.00 |
| lanate | pint | | | | | | | | | | | 0.5000 | 8.15 | 4.07 | 4.07 |
| custom application | acre | | | | | | | | | | | 0.5000 | 5.00 | 2.50 | 2.50 |
| irrigation costs | ac/in | | | 1.00 | Mar | | | | | | | 1.5000 | 7.00 | 10.50 | 10.50 |
| irr system 1 | ac/in | | | 1.00 | May | | | 0.85 | 1.02 | 0.250 | 2.75 | 5.0000 | | | 4.62 |
| cstm haul wheat | bu | | | | | | | | | | | 55.0000 | 0.15 | 8.25 | 8.25 |
| cstm hvst wheat | acre | | | | | | | | | | | 1.0000 | 20.00 | 20.00 | 20.00 |
| mis admin o/h wh | acre | | | | | | | | | | | 0.3000 | 4.00 | 1.20 | 1.20 |
| TOTALS | | | | | | 18.08 | 12.06 | 8.46 | 12.15 | 0.862 | 9.48 | | | 186.59 | 246.85 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 6.18 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 253.03 |