

Table 20.A Estimated costs and returns per Acre  
Winter Wheat, Irrigated  
2011 Projected Costs and Returns per Acre

| ITEM                                   | UNIT  | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
|  |       | dollars |          | dollars |           |
| INCOME                                 |       |         |          |         |           |
| wheat winter                           | bu    | 7.70    | 70.0000  | 539.00  | _____     |
|  |       |         |          | -----   |           |
| TOTAL INCOME                           |       |         |          | 539.00  | _____     |
| DIRECT EXPENSES                        |       |         |          |         |           |
| SEED                                   |       |         |          |         |           |
| seed wheat                             | lb    | 0.22    | 60.0000  | 13.20   | _____     |
| 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    | 70.0000  | 35.00   | _____     |
| phospate                               | lb    | 0.65    | 40.0000  | 26.00   | _____     |
| 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    | _____     |
| cstm haul wheat                        | bu    | 0.15    | 70.0000  | 10.50   | _____     |
| cstm hvst wheat                        | acre  | 20.00   | 1.0000   | 20.00   | _____     |
| IRRIGATION                             |       |         |          |         |           |
| irrigation costs                       | ac/in | 7.00    | 6.0000   | 42.00   | _____     |
| OPERATOR LABOR                         |       |         |          |         |           |
| Tractors                               | hour  | 11.00   | 0.6125   | 6.73    | _____     |
| IRRIGATION LABOR                       |       |         |          |         |           |
| irr system 1                           | hour  | 11.00   | 0.3000   | 3.30    | _____     |
| 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    | 6.0000   | 1.02    | _____     |
| INTEREST ON OP. CAP.                   | Acre  | 6.41    | 1.0000   | 6.41    | _____     |
|  |       |         |          | -----   |           |
| TOTAL DIRECT EXPENSES                  |       |         |          | 214.47  | _____     |
| RETURNS ABOVE DIRECT EXPENSES          |       |         |          | 324.52  | _____     |
| 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    | 6.0000   | 1.22    | _____     |
|  |       |         |          | -----   |           |
| TOTAL FIXED EXPENSES                   |       |         |          | 24.42   | _____     |
|  |       |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES               |       |         |          | 238.89  | _____     |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES |       |         |          | 300.10  | _____     |
| ALLOCATED COST ITEMS                   |       |         |          |         |           |
| cash rent wheat irr                    | acre  | 50.00   | 1.0000   | 50.00   | _____     |
| RESIDUAL RETURNS                       |       |         |          | 250.10  | _____     |

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

B-1241 (C10)

Table 20.B Estimated resource use and costs for field operations, per Acre  
Winter Wheat, Irrigated  
2011 Projected Costs and Returns per Acre

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | TRACTOR<br>SIZE | PERF TIMES |      |     | TRACTOR COST      |       | EQUIP COST |       | ALLOC LABOR |       | OPERATING INPUT   |       |        | TOTAL<br>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         |
| irr system 1                  | ac/in         |                 |            | 1.00 | Sep |                   |       | 1.02       | 1.22  | 0.300       | 3.30  | 6.0000            |       |        | 5.54          |
| 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 cutlivator              | 30 feet       | 200             | 0.068      | 1.00 | Oct | 3.04              | 2.08  | 0.48       | 1.05  | 0.068       | 0.75  |                   |       |        | 7.42          |
| grain drill                   |               | 150             | 0.083      | 1.00 | Nov | 2.62              | 1.62  | 0.76       | 1.39  | 0.207       | 2.28  |                   |       |        | 8.69          |
| seed wheat                    | lb            |                 |            |      |     |                   |       |            |       |             |       | 60.0000           | 0.22  | 13.20  | 13.20         |
| crop ins. wheat i             | acre          |                 |            |      |     |                   |       |            |       |             |       | 1.0000            | 5.20  | 5.20   | 5.20          |
| nitrogen n32                  | lb            |                 |            |      |     |                   |       |            |       |             |       | 70.0000           | 0.50  | 35.00  | 35.00         |
| phospate                      | lb            |                 |            |      |     |                   |       |            |       |             |       | 40.0000           | 0.65  | 26.00  | 26.00         |
| herbicide 2-4D                | pint          |                 |            |      |     |                   |       |            |       |             |       | 1.0000            | 3.13  | 3.13   | 3.13          |
| irrigation costs              | ac/in         |                 |            | 1.00 | Nov |                   |       |            |       |             |       | 1.5000            | 7.00  | 10.50  | 10.50         |
| irrigation costs              | ac/in         |                 |            | 1.00 | Dec |                   |       |            |       |             |       | 1.0000            | 7.00  | 7.00   | 7.00          |
| Pick-up, 3/4 ton              | acre          |                 |            | 1.00 | Jan |                   |       | 3.45       | 3.60  |             |       | 1.0000            |       |        | 7.05          |
| lanate                        | pint          |                 |            |      |     |                   |       |            |       |             |       | 0.5000            | 8.15  | 4.07   | 4.07          |
| irrigation costs              | ac/in         |                 |            | 1.00 | Feb |                   |       |            |       |             |       | 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          |
| irrigation costs              | ac/in         |                 |            | 1.00 | Mar |                   |       |            |       |             |       | 1.5000            | 7.00  | 10.50  | 10.50         |
| cstm haul wheat               | bu            |                 |            | 1.00 | May |                   |       |            |       |             |       | 70.0000           | 0.15  | 10.50  | 10.50         |
| 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 | 8.63       | 12.36 | 0.912       | 10.03 |                   |       | 171.30 | 232.48        |
| INTEREST ON OPERATING CAPITAL |               |                 |            |      |     |                   |       |            |       |             |       |                   |       |        | 6.41          |
| UNALLOCATED LABOR             |               |                 |            |      |     |                   |       |            |       |             |       |                   |       |        | 0.00          |
| TOTAL SPECIFIED COST          |               |                 |            |      |     |                   |       |            |       |             |       |                   |       |        | 238.89        |