

Table 26.A Estimated costs and returns per Acre  
 Processed Beets, Irrigated  
 2011 Projected Costs and Returns per Acre

| ITEM                                   | UNIT  | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
|  |       | dollars |          | dollars |           |
| INCOME                                 |       |         |          |         |           |
| beets                                  | ton   | 40.00   | 15.0000  | 600.00  | _____     |
|  |       |         |          | -----   |           |
| TOTAL INCOME                           |       |         |          | 600.00  | _____     |
| DIRECT EXPENSES                        |       |         |          |         |           |
| SEED                                   |       |         |          |         |           |
| seed beet                              | lb    | 50.00   | 1.0000   | 50.00   | _____     |
| CROP INSURANCE                         |       |         |          |         |           |
| crop insurance-NAP                     | acre  | 2.00    | 1.0000   | 2.00    | _____     |
| FUNGICIDE                              |       |         |          |         |           |
| fungicide beet                         | acre  | 8.25    | 1.0000   | 8.25    | _____     |
| FERTILIZER                             |       |         |          |         |           |
| nitrogen n32                           | lb    | 0.50    | 124.0000 | 62.00   | _____     |
| phospate                               | lb    | 0.65    | 80.0000  | 52.00   | _____     |
| MISC ADMIN O/H                         |       |         |          |         |           |
| mis admin o/h                          | acre  | 4.00    | 1.0000   | 4.00    | _____     |
| SOIL ADMENDMENT                        |       |         |          |         |           |
| boron                                  | acre  | 7.00    | 2.0000   | 14.00   | _____     |
| HERBICIDES                             |       |         |          |         |           |
| herbicide beets                        | acre  | 25.00   | 1.0000   | 25.00   | _____     |
| CUSTOM                                 |       |         |          |         |           |
| herb appl                              | acre  | 4.50    | 1.0000   | 4.50    | _____     |
| fungicide appl beet                    | acre  | 5.50    | 3.0000   | 16.50   | _____     |
| IRRIGATION                             |       |         |          |         |           |
| irrigation costs                       | ac/in | 7.00    | 15.0000  | 105.00  | _____     |
| OPERATOR LABOR                         |       |         |          |         |           |
| Tractors                               | hour  | 11.00   | 1.8824   | 20.70   | _____     |
| IRRIGATION LABOR                       |       |         |          |         |           |
| irr system 1                           | hour  | 11.00   | 0.7500   | 8.25    | _____     |
| DIESEL FUEL                            |       |         |          |         |           |
| Tractors                               | gal   | 2.65    | 9.4791   | 25.11   | _____     |
| GASOLINE                               |       |         |          |         |           |
| Pick-up, 3/4 ton                       | gal   | 2.70    | 0.9100   | 2.45    | _____     |
| REPAIR & MAINTENANCE                   |       |         |          |         |           |
| Implements                             | Acre  | 14.20   | 1.0000   | 14.20   | _____     |
| Tractors                               | Acre  | 16.06   | 1.0000   | 16.06   | _____     |
| Pick-up, 3/4 ton                       | acre  | 1.00    | 1.0000   | 1.00    | _____     |
| irr system 1                           | ac/in | 0.17    | 15.0000  | 2.55    | _____     |
| INTEREST ON OP. CAP.                   | Acre  | 8.36    | 1.0000   | 8.36    | _____     |
|  |       |         |          | -----   |           |
| TOTAL DIRECT EXPENSES                  |       |         |          | 441.96  | _____     |
| RETURNS ABOVE DIRECT EXPENSES          |       |         |          | 158.03  | _____     |
| FIXED EXPENSES                         |       |         |          |         |           |
| Implements                             | Acre  | 25.76   | 1.0000   | 25.76   | _____     |
| Tractors                               | Acre  | 26.32   | 1.0000   | 26.32   | _____     |
| Pick-up, 3/4 ton                       | acre  | 3.60    | 1.0000   | 3.60    | _____     |
| irr system 1                           | ac/in | 0.20    | 15.0000  | 3.06    | _____     |
|  |       |         |          | -----   |           |
| TOTAL FIXED EXPENSES                   |       |         |          | 58.75   | _____     |
|  |       |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES               |       |         |          | 500.71  | _____     |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES |       |         |          | 99.28   | _____     |
| ALLOCATED COST ITEMS                   |       |         |          |         |           |
| cash rent beets                        | acre  | 40.00   | 1.0000   | 40.00   | _____     |
| RESIDUAL RETURNS                       |       |         |          | 59.28   | _____     |

Table 26.B Estimated resource use and costs for field operations, per Acre  
 Processed Beets, 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 | Sep | 3.27              | 2.10  | 0.61       | 0.86  | 0.130       | 1.43  |                   |         |        | 8.28          |
| moleboard plow veg2           |               | 150             | 0.170      | 1.00 | Sep | 5.37              | 3.32  | 2.00       | 2.81  | 0.425       | 4.67  |                   |         |        | 18.20         |
| offset disc                   | 12-foot       | 125             | 0.130      | 1.00 | Sep | 3.61              | 2.30  | 0.50       | 1.09  | 0.130       | 1.43  |                   |         |        | 8.95          |
| land plane                    |               | 100             | 0.190      | 1.00 | Sep | 4.81              | 3.08  | 1.72       | 3.16  | 0.190       | 2.10  |                   |         |        | 14.89         |
| offset disc 20 ft             | 20 ft         | 200             | 0.103      | 1.00 | Nov | 4.56              | 3.12  | 5.02       | 9.23  | 0.103       | 1.13  |                   |         |        | 23.08         |
| bed shapper                   |               | 125             | 0.130      | 1.00 | Jan | 3.61              | 2.30  | 0.48       | 0.89  | 0.130       | 1.43  |                   |         |        | 8.74          |
| nitrogen n32                  | lb            |                 |            | 1.00 | Jan |                   |       |            |       |             |       | 64.0000           | 0.50    | 32.00  | 32.00         |
| phospate                      | lb            |                 |            |      |     |                   |       |            |       |             |       | 80.0000           | 0.65    | 52.00  | 52.00         |
| bedder                        | 6-row         | 100             | 0.114      | 1.00 | Jan | 2.87              | 1.84  | 0.60       | 1.10  | 0.114       | 1.25  |                   |         |        | 7.67          |
| irrigation costs              | ac/in         |                 |            |      |     |                   |       |            |       |             |       | 3.0000            | 7.00    | 21.00  | 21.00         |
| planter                       | 6 row         | 150             | 0.140      | 1.00 | Jan | 4.42              | 2.74  | 1.34       | 2.47  | 0.350       | 3.85  |                   |         |        | 14.84         |
| seed beet                     | lb            |                 |            |      |     |                   |       |            |       |             |       | 1.0000            | 50.00   | 50.00  | 50.00         |
| herbicide beets               | acre          |                 |            |      |     |                   |       |            |       |             |       | 1.0000            | 25.00   | 25.00  | 25.00         |
| crop insurance-NAP            | acre          |                 |            |      |     |                   |       |            |       |             |       | 1.0000            | 2.00    | 2.00   | 2.00          |
| herb appl                     | acre          |                 |            |      |     |                   |       |            |       |             |       | 1.0000            | 4.50    | 4.50   | 4.50          |
| cultivator 8 row              | 8 row         | 125             | 0.103      | 1.00 | Jan | 2.87              | 1.82  | 0.63       | 1.37  | 0.103       | 1.13  |                   |         |        | 7.83          |
| Pick-up, 3/4 ton              | acre          |                 |            | 1.00 | Jan |                   |       |            | 3.45  | 3.60        |       | 1.0000            |         |        | 7.05          |
| irrigation costs              | ac/in         |                 |            |      |     |                   |       |            |       |             |       | 3.0000            | 7.00    | 21.00  | 21.00         |
| fungicide beet                | acre          |                 |            | 1.00 | Feb |                   |       |            |       |             |       | 1.0000            | 8.25    | 8.25   | 8.25          |
| fungicide appl beet           | acre          |                 |            |      |     |                   |       |            |       |             |       | 1.0000            | 5.50    | 5.50   | 5.50          |
| irrigation costs              | ac/in         |                 |            | 1.00 | Feb |                   |       |            |       |             |       | 3.0000            | 7.00    | 21.00  | 21.00         |
| cultivator 8 row              | 8 row         | 125             | 0.103      | 1.00 | Mar | 2.87              | 1.82  | 0.63       | 1.37  | 0.103       | 1.13  |                   |         |        | 7.83          |
| irrigation costs              | ac/in         |                 |            | 1.00 | Mar |                   |       |            |       |             |       | 3.0000            | 7.00    | 21.00  | 21.00         |
| nitrogen n32                  | lb            |                 |            |      |     |                   |       |            |       |             |       | 60.0000           | 0.50    | 30.00  | 30.00         |
| mis admin o/h                 | acre          |                 |            | 1.00 | Mar |                   |       |            |       |             |       | 1.0000            | 4.00    | 4.00   | 4.00          |
| boron                         | acre          |                 |            | 1.00 | Apr |                   |       |            |       |             |       | 2.0000            | 7.00    | 14.00  | 14.00         |
| fungicide appl beet           | acre          |                 |            |      |     |                   |       |            |       |             |       | 2.0000            | 5.50    | 11.00  | 11.00         |
| cultivator 8 row              | 8 row         | 125             | 0.103      | 1.00 | Apr | 2.87              | 1.82  | 0.63       | 1.37  | 0.103       | 1.13  |                   |         |        | 7.83          |
| irr system 1                  | ac/in         |                 |            | 1.00 | Apr |                   |       |            | 2.55  | 3.06        | 0.750 | 8.25              | 15.0000 |        | 13.86         |
| irrigation costs              | ac/in         |                 |            |      |     |                   |       |            |       |             |       | 3.0000            | 7.00    | 21.00  | 21.00         |
| TOTALS                        |               |                 |            |      |     | 41.18             | 26.32 | 20.21      | 32.42 | 2.632       | 28.95 |                   |         | 343.25 | 492.35        |
| INTEREST ON OPERATING CAPITAL |               |                 |            |      |     |                   |       |            |       |             |       |                   |         |        | 8.36          |
| UNALLOCATED LABOR             |               |                 |            |      |     |                   |       |            |       |             |       |                   |         |        | 0.00          |
| TOTAL SPECIFIED COST          |               |                 |            |      |     |                   |       |            |       |             |       |                   |         |        | 500.71        |