

**Table 5A. Income and Cash Operating Summary; Corn, 1998**

COUNTY: Cochise      FARM: Cochise County 98      WATER SOURCE: Ks Settlement, NG      TILLAGE: Conventional  
 CROP: Corn Grain      ACRES: 1.0      IRRIGATION SYSTEM: Flood Furrow      SOIL: Sandy-Loam  
 AREA: Kansas Settlement      YIELD: 10,100.0 Lb / Acre      PREVIOUS CROP: Watermelons      DATE: 2/4/99

| Item   | Unit  | Quantity | Price/<br>Unit | Budgeted<br>/Acre | Total<br>/Acre | Your Farm<br>Budget |       |
|--|-------|----------|----------------|-------------------|----------------|---------------------|-------|
| INCOME   | Grain | Pound    | 10,100.00      | \$0.06            | \$616.10       | \$616.10            | _____ |
| CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax) |       |          |                |                   |                |                     |       |
| Paid Labor (including benefits)                                  |       |          |                |                   | 43.28          | _____               |       |
| Tractor/Self Propelled   |       |          |                |                   | 19.16          | _____               |       |
| Irrigation   |       |          |                |                   | 22.25          | _____               |       |
| Other/ Contract  |       |          |                |                   | 1.88           | _____               |       |
| Chemicals and Custom Applications                                |       |          |                |                   | 145.99         | _____               |       |
| Fertilizer   |       |          |                |                   | 80.25          | _____               |       |
| Insecticide  |       |          |                |                   | 45.34          | _____               |       |
| Herbicide  |       |          |                |                   | 20.41          | _____               |       |
| Farm Machinery and Vehicles                                      |       |          |                |                   | 27.41          | _____               |       |
| Diesel Fuel  |       |          |                |                   | 9.96           | _____               |       |
| Repairs and Maintenance  |       |          |                |                   | 17.45          | _____               |       |
| Irrigation Water (excluding labor)                               |       |          |                |                   | 168.38         | _____               |       |
| Natural Gas/Pumping  |       |          |                |                   | 143.86         | _____               |       |
| Repairs and Maintenance  |       |          |                |                   | 24.51          | _____               |       |
| Other Purchased Inputs &<br>Seed/Transplants                     |       |          |                |                   | 29.75          | _____               |       |
| TOTAL CASH LAND PREPARATION AND GROWING EXPENSES                 |       |          |                |                   | 414.82         | _____               |       |
| CASH HARVEST AND POST HARVEST EXPENSES                           |       |          |                |                   |                |                     |       |
| Paid Labor (including benefits)                                  |       |          |                |                   | 4.30           | _____               |       |
| Tractor/Self Propelled   |       |          |                |                   | 4.30           | _____               |       |
| Farm Machinery and Vehicles                                      |       |          |                |                   | 4.37           | _____               |       |
| Diesel Fuel  |       |          |                |                   | 1.85           | _____               |       |
| Repairs and Maintenance  |       |          |                |                   | 2.51           | _____               |       |
| Custom Harvest/Post Harvest                                      |       |          |                |                   | 125.70         | _____               |       |
| TOTAL HARVEST AND POST HARVEST EXPENSE                           |       |          |                |                   | 134.37         | _____               |       |
| OPERATING OVERHEAD PICKUP USE                                    |       |          |                |                   | 12.88          | _____               |       |
| OPERATING INTEREST AT 10.0%                                      |       |          |                |                   | 21.18          | _____               |       |
| TOTAL CASH OPERATING EXPENSES                                    |       |          |                |                   | \$583.24       | =====               |       |
| RETURNS OVER CASH OPERATING EXPENSES                             |       |          |                |                   | \$32.86        | _____               |       |

Notes: The above figures do not include ownership costs, see table B for detailed cost allocation.

**Table 5B. Allocations of Ownership Costs; Corn, 1998**

COUNTY: Cochise FARM: Cochise County 98 WATER SOURCE: Ks Settlement, NG TILLAGE: Conventional  
 CROP: Corn Grain ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam  
 AREA: Kansas Settlement YIELD: 10,100.0 Lb / Acre PREVIOUS CROP: Watermelons DATE: 2/4/99

| Item   | -- CASH COST BASIS (\$/ACRE) -- |             | -- TOTAL COST BASIS (\$/ACRE) -- |             |
|--|---------------------------------|-------------|----------------------------------|-------------|
|  | Income and Costs                | Net Returns | Income and Costs                 | Net Returns |
| TOTAL INCOME at \$0.06 / Lb                                | \$616.10                        |             | \$616.10                         |             |
| TOTAL OPERATING EXPENSES                                   | \$583.24                        |             | \$583.24                         |             |
| RETURN OVER CASH OPERATING EXPENSES                        |                                 | \$32.86     |                                  | \$32.86     |
| CASH OVERHEAD EXPENSES                                     |                                 |             |                                  |             |
| Taxes, Housing and Insurance, Farm Machinery               | 3.30                            |             | 3.30                             |             |
| Wells and Irrigation System                                | 14.45                           |             | 14.45                            |             |
| General and Office Overhead (5.0% of Total Operating Exp.) | 29.16                           |             | 29.16                            |             |
| General Farm Maintenance (3.0% of Total Operating Exp.)    | 17.50                           |             | 17.50                            |             |
| Total Cash Overhead Expenses                               | 64.41                           |             | 64.41                            |             |
| Total Cash Operating and Overhead Cost                     | 647.64                          |             | 647.64                           |             |
| RETURNS OVER CASH OPER. AND OVER. EXPENSES                 |                                 | (\$31.54)   |                                  | (\$31.54)   |
| CAPITAL ALLOCATIONS (100% Equity)                          |                                 |             |                                  |             |
| Capital Replacement, Machinery and Vehicles                |                                 |             | 18.83                            |             |
| Wells and Irrigation System                                |                                 |             | 53.80                            |             |
| Interest on Equity, Machinery and Vehicles                 |                                 |             | 9.11                             |             |
| Wells and Irrigation System                                |                                 |             | 27.43                            |             |
| Total Capital Allocations                                  |                                 |             | 109.17                           |             |
| RETURNS TO LAND, CAPITAL, MANAGEMENT AND RISK ----->       |                                 | (\$31.54)   |                                  |             |
| RETURNS TO LAND, MANAGEMENT AND RISK ----->                |                                 |             |                                  | (\$140.72)  |
| Land Cost / Ownership (100% Equity)                        |                                 |             |                                  |             |
| Property Taxes (\$368.00 X 16.0% X 0.144)                  | 8.54                            |             | 8.54                             |             |
| Opportunity Interest on Land (100% X 6.0 X \$368.00)       |                                 |             | 22.08                            |             |
| Total Land Costs   | 8.54                            |             | 30.62                            |             |
| RETURNS TO CAPITAL, MANAGEMENT AND RISK ----->             |                                 | (\$40.08)   |                                  |             |
| RETURNS TO MANAGEMENT AND RISK ----->                      |                                 |             |                                  | (\$171.33)  |
| Management Services (8% of Total Operation Expenses)       |                                 |             | 46.66                            |             |
| TOTAL OWNERSHIP COST                                       | 72.94                           |             | 250.85                           |             |
| TOTAL COST   | \$656.18                        |             | \$834.09                         |             |
| RETURNS TO CAPITAL, MANAGEMENT AND RISK ----->             |                                 | (\$40.08)   |                                  |             |
| RETURNS TO RISK (PROFITS) ----->                           |                                 |             |                                  | (\$217.99)  |
| BREAK-EVEN PRICE TO COVER OPERATING COST ( PER Lb )        |                                 | \$0.06      |                                  | \$0.06      |
| BREAK-EVEN PRICE TO COVER OWNERSHIP COST                   |                                 | \$0.01      |                                  | \$0.02      |
| BREAK-EVEN PRICE TO COVER TOTAL COST                       |                                 | \$0.06      |                                  | \$0.08      |

**Table 5C. Variable Operating Costs; Corn, 1998**

COUNTY: Cochise FARM: Cochise County 98 WATER SOURCE: Ks Settlement, NG TILLAGE: Conventional  
 CROP: Corn Grain ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam  
 AREA: Kansas Settlement YIELD: 10,100.0 Lb / Acre PREVIOUS CROP: Watermelons DATE: 2/4/99

| No.  | First Month | Operation                  | ---- Hours * ---- |       | ---- Operating Costs (\$/ACRE *) Per Operation ---- |       |            |           |       | Tot. Cash Expenses | Class  |       |
|--|-------------|----------------------------|-------------------|-------|---|-------|------------|-----------|-------|--------------------|--------|-------|
|  |             |                            | Machine           | Labor | Fuel/Rps.   | Labor | Cust/Serv. | Materials | Total |                    |        | Times |
| 1  | Jan         | Plow                       | 0.360             | 0.400 | 5.33  | 3.28  |            |           | 8.60  | 1.0                | 8.60   | L     |
| 2  | Jan         | Disk                       | 0.129             | 0.143 | 2.00  | 1.17  |            |           | 3.18  | 2.0                | 6.35   | L     |
| 3  | Feb         | Landplane                  | 0.225             | 0.250 | 2.97  | 2.05  |            |           | 5.02  | 1.0                | 5.02   | L     |
| 4  | Mar         | Apply Herb. & Incorporate  | 0.129             | 0.143 | 2.34  | 1.17  |            | 20.41     | 23.92 | 1.0                | 23.92  | G     |
| 5  | Mar         | Apply Fert/Ground          | 0.075             | 0.083 | 0.57  | 0.68  |            | 29.96     | 31.21 | 1.0                | 31.21  | G     |
| 6  | Mar         | List                       | 0.180             | 0.200 | 2.38  | 1.64  |            |           | 4.02  | 1.0                | 4.02   | L     |
| 7  | Mar         | Buck Rows                  | 0.022             | 0.050 | 0.16  | 0.38  |            |           | 0.54  | 3.0                | 1.61   | G     |
| 8  | Apr         | Preirrigate                |                   | 0.704 | 35.08   | 4.80  |            |           | 39.88 | 1.0                | 39.88  | G     |
| 9  | Apr         | Disk Ends                  | 0.023             | 0.025 | 0.35  | 0.20  |            |           | 0.56  | 1.0                | 0.56   | G     |
| 10   | Apr         | Mulch                      | 0.150             | 0.167 | 1.07  | 1.37  |            |           | 2.44  | 1.0                | 2.44   | L     |
| 11   | Apr         | Plant                      | 0.180             | 0.400 | 2.54  | 3.00  |            | 39.75     | 45.29 | 1.0                | 45.29  | L     |
| 12   | Apr         | Remove Cap                 | 0.090             | 0.100 | 0.64  | 0.82  |            |           | 1.46  | 1.0                | 1.46   | G     |
| 13   | Apr         | Apply Fert/Ground          | 0.129             | 0.143 | 1.60  | 1.17  |            | 30.10     | 32.87 | 1.0                | 32.87  | G     |
| 14   | Jun         | Irrigate                   |                   | 0.333 | 17.54   | 2.27  |            |           | 19.81 | 6.0                | 118.87 | G     |
| 15   | Jun         | Cultivate                  | 0.125             | 0.125 | 1.11  | 1.02  |            |           | 2.13  | 1.0                | 2.13   | G     |
| 16   | Jul         | Irrigate/Run Fertilizer    |                   | 0.279 | 14.03   | 1.90  |            | 10.09     | 26.03 | 2.0                | 52.06  | G     |
| 17   | Jul         | Apply Insecticide/Air      |                   |       |   |       | 4.23       | 13.44     | 17.67 | 2.0                | 35.34  | G     |
| 18   | Aug         | Prepare Ends               | 0.023             | 0.025 | 0.35  | 0.20  |            |           | 0.56  | 1.0                | 0.56   | H     |
| 19   | Sep         | Combine Harvest            |                   |       |   |       | 62.00      |           | 62.00 | 1.0                | 62.00  | H     |
| 20   | Sep         | Field Transport            | 0.450             | 0.500 | 4.02  | 4.09  |            |           | 8.11  | 1.0                | 8.11   | H     |
| 21   | Sep         | Haul, Custom 98 CW         |                   |       |   |       | 24.50      |           | 24.50 | 1.0                | 24.50  | H     |
| 22   | Sep         | Elevator Handling 98 CW    |                   |       |   |       | 24.50      |           | 24.50 | 1.0                | 24.50  | M     |
| 23   | Sep         | Drying 98 CW               |                   |       |   |       | 14.70      |           | 14.70 | 1.0                | 14.70  | P     |
| 24   | Oct         | Disk Residue 98 CW         | 0.129             | 0.143 | 2.00  | 1.17  |            |           | 3.18  | 1.0                | 3.18   | L     |
|  |             | Pickup Use50 Mi/Acre       | 1.667             |       | 12.88   |       |            |           |       |                    | 12.88  |       |
|  |             | Operating Interest at 10.0 |                   |       |   |       | 21.18      |           |       |                    | 21.18  |       |
| =====  |             |                            |                   |       |   |       |            |           |       |                    |        |       |
| TOTAL CASH OPERATING EXPENSES (includes all times over): |             |                            |                   |       |   |       |            |           |       |                    |        |       |
| 583.24 T   |             |                            |                   |       |   |       |            |           |       |                    |        |       |

\*NOTES: Machine and labor hours and operating cost are for one time over the designated acreage. The "Tot. Cash Expense" column and the "TOTAL CASH OPERATING EXPENSES" row include all operations, all times over. Classes are defined below.

| OPERATING COST SUMMARY BY CLASS |          | SENSITIVITY OF THE NET REVENUES OVER TOTAL CASH EXPENSES (\$/ACRE) |          |          |          |          |          |                  |
|---------------------------------|----------|--|----------|----------|----------|----------|----------|------------------|
|                                 |          | Prices   | - 25%    | - 10%    | Budgeted | + 10%    | + 25%    |                  |
| Land Preparation (L)            | 74.90    | Yields   | \$0.05   | \$0.05   | \$0.06   | \$0.07   | \$0.08   | Break-even Price |
| Growing (G)                     | 339.91   | - 25%  | 7,575.0  | -202.61  | -133.29  | -87.09   | -40.88   | 28.43            |
| Harvest (H)                     | 95.17    | - 10%  | 9,090.0  | -153.45  | -70.28   | -14.83   | 40.62    | 123.80           |
| Post Harvest (P)                | 14.70    | Budgeted   | 10,100.0 | -120.68  | -28.26   | 33.35    | 94.96    | 187.37           |
| Marketing (M)                   | 24.50    | + 10%  | 11,110.0 | -87.91   | 13.75    | 81.52    | 149.29   | 250.95           |
| Operating Overhead (O)          | 34.06    |  |          |          |          |          |          | 0.06             |
| Total (T)                       | =====    |  |          |          |          |          |          | 0.05             |
|                                 | \$583.24 | Break-even Yield   | 13,819.3 | 10,779.4 | 9,400.87 | 8,334.90 | 7,123.32 |                  |

**Table 5D. Resource and Cash Flow Requirements; Corn, 1998**

COUNTY: Cochise FARM: Cochise County 98 WATER SOURCE: Ks Settlement, NG TILLAGE: Conventional  
 CROP: Corn Grain ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam  
 AREA: Kansas Settlement YIELD: 10,100.0 Lb / Acre PREVIOUS CROP: Watermelons DATE: 2/4/99

| Month *                    | Number Irrigations | Water Applied (inches) | Total Labor (Hrs) | Operating Costs (\$/ACRE *) |                       |              |               |                 |               |               |
|----------------------------|--------------------|------------------------|-------------------|-----------------------------|-----------------------|--------------|---------------|-----------------|---------------|---------------|
|                            |                    |                        |                   | Purchased Water             | Fuel, Oil and Repairs | Labor        | Chemicals     | Other Purchases | Services      | Total         |
| JAN C                      |                    |                        | 0.54              |                             | 7.33                  | 4.45         |               |                 |               | 11.78         |
| FEB C                      |                    |                        | 0.39              |                             | 4.98                  | 3.22         |               |                 |               | 8.20          |
| MAR C                      |                    |                        | 0.48              |                             | 5.46                  | 3.86         | 50.37         |                 |               | 59.69         |
| APR C                      | 0.7                | 7.0                    | 0.79              |                             | 35.79                 | 7.35         | 12.03         | 8.93            |               | 64.10         |
| MAY C                      | 0.3                | 3.0                    | 0.80              |                             | 23.63                 | 6.04         | 28.07         | 20.83           |               | 78.57         |
| JUN C                      | 2.0                | 10.0                   | 0.79              |                             | 44.95                 | 8.47         |               |                 |               | 53.42         |
| JUL C                      | 3.0                | 14.0                   | 0.95              |                             | 49.11                 | 8.55         | 36.97         |                 | 8.46          | 103.09        |
| AUG C                      | 2.0                | 9.0                    | 0.69              |                             | 32.08                 | 6.39         | 10.09         |                 |               | 48.56         |
| SEP C                      | 1.0                | 5.0                    | 0.38              |                             | 17.94                 | 2.68         |               |                 | 4.27          | 24.89         |
| OCT C                      |                    |                        | 0.49              |                             | 4.22                  | 4.04         |               |                 | 86.40         | 94.66         |
| NOV C                      |                    |                        | 0.10              |                             | 1.40                  | 0.82         |               |                 |               | 2.22          |
| Pickup Use50 Mi/Acre       |                    |                        |                   |                             | 12.88                 |              |               |                 |               | 12.88         |
| Operating Interest at 10.0 |                    |                        |                   |                             |                       |              |               |                 | 21.18         | 21.18         |
| <b>Total</b>               | <b>9.0</b>         | <b>48.0</b>            | <b>6.40</b>       |                             | <b>239.77</b>         | <b>55.87</b> | <b>137.53</b> | <b>29.75</b>    | <b>120.31</b> | <b>583.24</b> |
| <b>%</b>                   |                    |                        |                   |                             | <b>41.11</b>          | <b>9.58</b>  | <b>23.58</b>  | <b>5.10</b>     | <b>20.63</b>  | <b>100.00</b> |

**TOTAL RESOURCE REQUIREMENTS ( per Acre)**

Total N 240.4  
 Total P 104.0  
 Total K 0.0  
 Total Labor 6.4  
 Total Water 48.0

**TOTAL ENERGY REQUIREMENTS ( per Acre)**

Diesel Fuel 15.1 Gal  
 Unleaded Gas 5.0 Gal  
 Nat Gas/Pumping 388.1 Therms  
 All Direct Energy 41.5 M BTU

**EQUIPMENT REQUIREMENTS ( per Acre)**

|                            |         |                           |         |                            |         |
|----------------------------|---------|---------------------------|---------|----------------------------|---------|
| Dbl. Offset Disk, 16'      | 0.13 Hr | Fertilizer Broadcaster,   | 0.08 Hr | Fertilizer Injector, 6 Row | 0.13 Hr |
| Grain Cart, 400 BU         | 0.45 Hr | Landplane 12'X 45'        | 0.22 Hr | Lister, 5 Bottom           | 0.18 Hr |
| Moldboard Plow, 4-16 2     | 0.36 Hr | Offset Disk, 16.5'        | 0.43 Hr | Pickup Truck, 1/2 Ton      | 1.67 Hr |
| Planter, Drill Type, 6 Row | 0.18 Hr | Rolling Cultivator, 6 Rw  | 0.13 Hr | Rowbuck, 10'               | 0.07 Hr |
| Saddle Tk Sprayer, 2 Tk 8  | 0.13 Hr | Section Harrow, 3 Section | 0.24 Hr | Tractor, 100 PTO HP,       | 1.27 Hr |
| Tractor, 125 PTO HP        | 1.32 Hr |                           |         |                            |         |

**MATERIALS REQUIREMENT ( per Acre)**

|               |           |                        |          |                  |           |
|---------------|-----------|------------------------|----------|------------------|-----------|
| 11-52-00, Dry | 200.00 Lb | 32-00-00, URAN 32, Lqd | 20.00 Ga | 82-00-00, Anhyd. | 180.00 Lb |
| Butylate      | 5.00 Pt   | Chlorpyrifos           | 4.00 Pt  | Cyanazine        | 1.00 Qt   |
| Field Corn Sd | 30.00 Th  | Phorate                | 6.00 Lb  | Water, Pump      | 48.00 Al  |

**LABOR REQUIREMENT ( per Acre)**

|            |         |       |         |         |         |
|------------|---------|-------|---------|---------|---------|
| Irrigators | 3.26 Hr | Other | 0.28 Hr | Tractor | 2.87 Hr |
|------------|---------|-------|---------|---------|---------|

\*NOTE: P = Previous Year C = Current Year N = Next Year

**Table 5E. Schedule of Operations; Corn, 1998**

COUNTY: Cochise      FARM: Cochise County 98      WATER SOURCE: Ks Settlement, NG      TILLAGE: Conventional  
 CROP: Corn Grain      ACRES: 1.0      IRRIGATION SYSTEM: Flood Furrow      SOIL: Sandy-Loam  
 AREA: Kansas Settlement      YIELD: 10,100.0 Lb / Acre      PREVIOUS CROP: Watermelons      DATE: 2/4/99

| First No. | Month | Times | Operation               | Equipment/ Custom Oper |                               | Job Rate Acres/Hr | Material Use and Cost |            |           |  | Service Cost \$ / Unit | Labor Type |
|-----------|-------|-------|-------------------------|------------------------|-------------------------------|-------------------|-----------------------|------------|-----------|--|------------------------|------------|
|           |       |       |                         | HP                     | Self-Prop./ Implement         |                   | Name                  | Appl. Rate | \$ / Unit |  |                        |            |
| 1         | Jan   | 1.0   | Plow                    | 125                    | Moldboard Plow, 4-16 2        | 2.50              |                       |            |           |  |                        | Tractor    |
| 2         | Jan   | 2.0   | Disk                    | 125                    | Offset Disk, 16.5'            | 7.00              |                       |            |           |  |                        | Tractor    |
| 3         | Feb   | 1.0   | Landplane               | 125                    | Landplane 12'X 45'            | 4.00              |                       |            |           |  |                        | Tractor    |
| 4         | Mar   | 1.0   | Apply Herb. &           | 125                    | Dbl. Offset Disk, 16'         | 7.00              | Butylate              | 5.00 Pt    | 18.75 Ga  |  |                        | Tractor    |
|           |       |       |                         |                        | Saddle Tk Sprayer, 2 Tk 8 Row |                   | Cyanazine             | 1.00 Qt    | 30.50 Ga  |  |                        |            |
| 5         | Mar   | 1.0   | Apply Fert/Ground       | 100                    | Fertilizer Broadcaster,       | 12.00             | 11-52-00, Dry         | 200.00 Lb  | 284.00 Tn |  |                        | Tractor    |
| 6         | Mar   | 1.0   | List                    | 125                    | Lister, 5 Bottom              | 5.00              |                       |            |           |  |                        | Tractor    |
| 7         | Mar   | 3.0   | Buck Rows               | 100                    | Rowbuck, 10'                  | 40.00             |                       |            |           |  |                        | Tractor    |
|           |       |       |                         |                        |                               |                   |                       |            |           |  |                        | Other      |
| 8         | Apr   | 1.0   | Preirrigate             |                        |                               | 1.42              | Water, Pump           | 10.00 AI   | 42.09 AF  |  |                        | Irrigators |
| 9         | Apr   | 1.0   | Disk Ends               | 125                    | Offset Disk, 16.5'            | 40.00             |                       |            |           |  |                        | Tractor    |
| 10        | Apr   | 1.0   | Mulch                   | 100                    | Section Harrow, 3 Section     | 6.00              |                       |            |           |  |                        | Tractor    |
| 11        | Apr   | 1.0   | Plant                   | 100                    | Planter, Drill Type, 6 Row    | 5.00              | Field Corn Sd         | 30.00 Th   | 0.94 Th   |  |                        | Tractor    |
|           |       |       |                         |                        |                               |                   | Phorate               | 6.00 Lb    | 1.58 Lb   |  |                        | Other      |
| 12        | Apr   | 1.0   | Remove Cap              | 100                    | Section Harrow, 3 Section     | 10.00             |                       |            |           |  |                        | Tractor    |
| 13        | Apr   | 1.0   | Apply Fert/Ground       | 100                    | Fertilizer Injector, 6 Row    | 7.00              | 82-00-00, Anhyd.      | 180.00 Lb  | 317.00 Tn |  |                        | Tractor    |
| 14        | Jun   | 6.0   | Irrigate                |                        |                               | 3.00              | Water, Pump           | 5.00 AI    | 42.09 AF  |  |                        | Irrigators |
| 15        | Jun   | 1.0   | Cultivate               | 100                    | Rolling Cultivator, 6 Rw      | 8.00              |                       |            |           |  |                        | Tractor    |
| 16        | Jul   | 2.0   | Irrigate/Run Fertilizer |                        |                               | 3.58              | Water, Pump           | 4.00 AI    | 42.09 AF  |  |                        | Irrigators |
|           |       |       |                         |                        |                               |                   | 32-00-00, URAN 32,    | 10.00 Ga   | 173.00 Tn |  |                        |            |
|           |       |       |                         |                        |                               |                   | Chlorpyrifos          | 2.00 Pt    | 50.95 Ga  |  |                        | 4.23 Ac    |
| 17        | Jul   | 2.0   | Apply Insecticide/Air   | CST                    | Air Spray, 3 Gal Mix          |                   |                       |            |           |  |                        |            |
| 18        | Aug   | 1.0   | Prepare Ends            | 125                    | Offset Disk, 16.5'            | 40.00             |                       |            |           |  |                        | Tractor    |
| 19        | Sep   | 1.0   | Combine Harvest         | CST                    | Combine Corn                  |                   |                       |            |           |  |                        | 37.50 Ac   |
| 20        | Sep   | 1.0   | Field Transport         | 100                    | Grain Cart, 400 BU            | 2.00              |                       |            |           |  |                        | Tractor    |
| 21        | Sep   | 1.0   | Haul, Custom            | CST                    | Haul Grain                    |                   |                       |            |           |  |                        | 0.25 C     |
| 22        | Sep   | 1.0   | Elevator Handling       | CST                    | Elevator Handling             |                   |                       |            |           |  |                        | 0.25 C     |
| 23        | Sep   | 1.0   | Drying                  | CST                    | Dry Corn                      |                   |                       |            |           |  |                        | 0.15 C     |
| 24        | Oct   | 1.0   | Disk Residue            | 125                    | Offset Disk, 16.5'            | 7.00              |                       |            |           |  |                        | Tractor    |
|           |       |       | Pickup use 50 Mi/Ac     | Pickup                 | Truck, 1/2 Ton                | 0.60              |                       |            |           |  |                        |            |

\*NOTES: Machine times, labor times, and material rates are for one time over the designated acreage.