| County Pinal                                   | Alfalfa Hay                    | Alfalfa        | Alfalfa Hay        | Dorlay       | Corn         | Corn         | Durum Whea   | Crain              | Pima               | Solum     | Unland                                  |
|--|--------------------------------|----------------|--------------------|--------------|--------------|--------------|--------------|--------------------|--------------------|-----------|---|
| County: Pinal                                  | Alfalfa Hay<br>Stand Establisi | Green Chop     | Апапа нау          | Barley       | Corn         | Silage       | Durum whea   | Grain<br>Sorghum   | Cotton             | Barley    | Upland<br>Cotton                        |
| ,  | Flood Furrow                   |                | Flood Furrow       | Flood Furrow | Flood Furrow | Flood Furrow | Flood Furrov |                    | Flood Furrow       |           | Flood Furrow                            |
| Yield  |                                | 7.4            | 7.5                | 4,900.0      | 8,400.0      | 26.6         | 4,900.0      | 3,200.0            | 792.0              | 3,000.0   | 1,154.0                                 |
| Price  |                                | \$75.00        | \$97.00            | \$0.06       | \$0.05       | \$31.40      | \$0.08       | \$0.11             | \$1.03             | \$0.06    | \$0.68                                  |
| Other  |                                | \$32.50        | \$32.50            |              |              |              |              |                    | \$94.86            |           | \$136.27                                |
| Gross Income                                   |                                | \$587.50       | \$760.00           | \$308.70     | \$445.20     | \$835.24     | \$367.50     | \$352.00           | \$910.62           | \$189.00  | \$920.99                                |
| Preharvest Operating Costs                     |                                |                |                    |              |              |              |              |                    |                    |           |   |
| Labor Costs                                    |                                |                |                    |              |              |              |              |                    |                    |           |   |
| Machine Operation                              | \$22.93                        | \$0.37         | \$0.37             | \$9.18       | \$20.41      | \$19.60      | \$9.18       | \$15.80            | \$24.97            | \$9.18    | \$32.01                                 |
| Irrigation                                     | \$12.79                        | \$60.88        | \$60.88            | \$17.40      | \$13.16      | \$11.52      | \$17.47      | \$28.13            | \$38.35            | \$10.26   | \$15.54                                 |
| Other Labor                                    | ¢05.70                         | \$64.0F        | CC4 OF             | £00 F0       | \$4.33       | \$4.33       | £00.05       | 640.00             | £00.00             | 640.44    | 647.55                                  |
| Total Labor Costs                              |                                | \$61.25        | \$61.25            | \$26.58      | \$37.90      | \$35.45      | \$26.65      | \$43.93            | \$63.32            | \$19.44   | \$47.55                                 |
| Chemical Costs (including custon<br>Fertilizer | n application)<br>I \$30.10    |                |                    | \$67.47      | \$107.76     | \$64.08      | \$74.43      | \$71.44            | \$21.84            | \$14.85   | \$20.50                                 |
| Insecticide                                    | φ30.10                         |                |                    | Φ07.47       | \$68.74      | \$26.37      | \$74.43      | φ/1. <del>44</del> | \$154.14           | φ14.00    | \$135.36                                |
| Herbicide                                      |                                | \$19.52        | \$19.52            |              | \$15.79      | Ψ20.51       |              |                    | \$22.50            |           | \$19.00                                 |
| Other Chemicals                                |                                | ψ13.3 <u>2</u> | Ψ13.32             |              | ψ13.73       |              |              |                    | \$11.37            |           | \$20.84                                 |
| Total Chemical Costs                           | \$30.10                        | \$19.52        | \$19.52            | \$67.47      | \$192.29     | \$90.45      | \$74.43      | \$71.44            | \$209.85           | \$14.85   | \$195.70                                |
| Machinery Fuel and Repair Costs                | 400                            | <b>*</b> 1010= | *                  | ******       | *********    | *******      | <b>V</b>     | ******             | <b>*</b>           | ******    | *************************************** |
| Diesel/Gasoline                                | \$12.26                        | \$4.03         | \$4.03             | \$4.80       | \$10.78      | \$10.53      | \$4.88       | \$6.92             | \$11.06            | \$4.57    | \$14.61                                 |
| Repairs  | \$18.86                        | \$4.00         | \$4.00             | \$8.90       | \$17.73      | \$17.65      | \$9.16       | \$12.24            | \$19.05            | \$8.20    | \$24.74                                 |
| Total Machinery Costs                          | \$31.12                        | \$8.03         | \$8.03             | \$13.70      | \$28.51      | \$28.18      | \$14.04      | \$19.16            | \$30.11            | \$12.77   | \$39.35                                 |
| Pump Fuel and Repair Costs                     |                                |                |                    |              |              |              |              |                    |                    |           |   |
| Total Pump Costs                               |                                |                |                    |              |              |              |              |                    |                    |           |   |
|  |                                |                |                    |              |              |              |              |                    |                    |           |   |
| Surface Water Costs w/o Assessme               |                                | \$237.00       | \$237.00           | \$96.00      | \$120.04     | \$97.71      | \$96.00      | \$132.00           | \$180.00           | \$44.67   | \$144.00                                |
| Total Water Costs                              | \$60.00                        | \$237.00       | \$237.00           | \$96.00      | \$120.04     | \$97.71      | \$96.00      | \$132.00           | \$180.00           | \$44.67   | \$144.00                                |
| Other Costs                                    | ***                            |                |                    |              |              |              |              |                    |                    |           |   |
| Seed/Services                                  | \$66.25                        | \$6.63         | \$6.63             | \$34.34      | \$27.90      | \$27.90      | \$36.73      | \$10.07            | \$8.14             | \$8.06    | \$33.92                                 |
| Total Other Costs                              | \$66.25                        | \$6.63         | \$6.63             | \$34.34      | \$27.90      | \$27.90      | \$36.73      | \$10.07            | \$8.14             | \$8.06    | \$33.92                                 |
| Total Preharvest Cos                           | \$223.19                       | \$332.43       | \$332.43           | \$238.09     | \$406.64     | \$279.69     | \$247.85     | \$276.60           | \$491.42           | \$99.79   | \$460.52                                |
| Harvest Operating Costs                        |                                |                | #00 0 <del>7</del> | 00.00        | 00.00        | 00.04        | 00.00        | 04.04              | 007.40             | 00.00     | 005.00                                  |
| Labor  |                                |                | \$36.67            | \$0.20       | \$2.33       | \$2.24       | \$0.20       | \$1.84             | \$27.18            | \$0.20    | \$25.82                                 |
| Chemicals                                      |                                |                | \$111.78           | \$0.39       | \$3.66       | \$3.44       | \$0.28       | \$2.63             | \$28.20<br>\$73.04 | \$0.23    | \$28.20<br>\$70.39                      |
| Machinery<br>Custom                            |                                |                | φ111.70            | \$68.10      | \$84.50      | \$172.90     | \$66.90      | \$59.10            | \$6.65             | \$38.10   | \$9.68                                  |
| Other  |                                |                | \$27.86            | ψ00.10       | ψ04.50       | ψ172.90      | φ00.90       | φυσ.10             | \$97.37            | φ30.10    | \$104.75                                |
| Total Harvest Costs                            |                                |                | \$176.31           | \$68.69      | \$90.49      | \$178.58     | \$67.38      | \$63.57            | \$232.44           | \$38.53   | \$238.84                                |
| Pickup Use                                     | \$7.71                         | \$10.27        | \$10.27            | \$7.71       | \$7.71       | \$7.71       | \$7.71       | \$7.71             | \$15.41            | \$7.71    | \$15.41                                 |
| Operating Interest                             | \$3.06                         | \$6.32         | \$26.30            | \$9.76       | \$14.62      | \$6.80       | \$11.13      | \$7.35             | \$16.55            | \$1.88    | \$21.71                                 |
| Total Operating Cost                           | \$233.96                       | \$349.02       | \$545.31           | \$324.25     | \$519.46     | \$472.78     | \$334.07     | \$355.23           | \$755.82           | \$147.91  | \$736.48                                |
| Net Cash Returns                               | (\$233.96)                     | \$238.48       | \$214.69           | (\$15.55)    | (\$74.26)    | \$362.46     | \$33.43      | (\$3.23)           | \$154.80           | \$41.09   | \$184.51                                |
| Ownership Costs                                |                                |                |                    |              |              |              |              |                    |                    |           |   |
| Cash Overhead                                  | \$21.99                        | \$28.80        | \$55.90            | \$27.47      | \$44.95      | \$41.13      | \$28.22      | \$30.72            | \$70.82            | \$13.31   | \$70.02                                 |
| Capital Allocations                            | \$26.00                        | \$126.00       | \$209.97           | \$13.36      | \$26.80      | \$26.07      | \$13.20      | \$19.61            | \$107.73           | \$12.88   | \$116.31                                |
| Land Rent                                      | \$58.77                        | \$0.39         | \$58.77            | \$58.77      | \$63.97      | \$63.97      | \$58.77      | \$29.39            | \$58.77            | \$63.97   | \$58.77                                 |
| Management                                     | \$18.72                        | \$58.77        | \$43.63            | \$25.94      | \$41.56      | \$37.82      | \$26.72      | \$28.42            | \$60.47            | \$11.83   | \$58.92                                 |
| Total Ownership Cost                           | \$125.48                       | \$27.92        | \$368.27           | \$125.54     | \$177.28     | \$168.99     | \$126.91     | \$108.14           | \$297.79           | \$101.99  | \$304.02                                |
| TOTAL COST                                     | \$359.44                       | \$376.94       | \$913.58           | \$449.79     | \$696.74     | \$641.77     | \$460.98     | \$463.37           | \$1,053.61         | \$249.90  | \$1,040.50                              |
| Return To Risk                                 | (\$359.44)                     | \$210.56       | (\$153.58)         | (\$141.09)   | (\$251.54)   | \$193.47     | (\$93.48)    | (\$111.37)         | (\$142.99)         | (\$60.90) | (\$119.51)                              |
| Resource Use                                   |                                |                |                    |              |              |              |              |                    |                    |           |   |
| Water (Acre-Inches)                            | 20.00                          | 79.00          | 79.00              | 32.00        | 43.00        | 35.00        | 32.00        | 44.00              | 60.00              | 16.00     | 49.00                                   |
| Labor Man-hours                                | 4.67                           | 8.97           | 13.81              | 3.70         | 7.90         | 5.02         | 3.71         | 6.28               | 12.36              | 2.65      | 9.54                                    |
| Diesel (Gallons)                               | 16.10                          | 5.30           | 23.80              | 6.50         |              | 15.50        | 6.50         | 10.40              | 27.90              | 6.10      | 31.60                                   |
| Gasoline (Gallons)                             | 3.00                           | 4.00           | 4.00               | 3.00         | 3.00         | 3.00         | 3.00         | 3.00               | 6.00               | 3.00      | 6.00                                    |
| Electricity                                    | 1                              |                |                    |              |              |              |              |                    |                    |           |   |
| Natural Gas                                    | 1                              |                |                    |              |              |              |              |                    |                    |           |   |
| Nitrogen (Pounds)                              | 22.00                          |                |                    | 183.80       |              | 106.20       | 161.40       | 178.00             | 106.60             | 50.10     | 100.00                                  |
| Phosphorous (Pounds)                           | 104.00                         |                |                    | 95.40        | 90.00        | 90.00        | 95.40        | 50.00              |                    |           |   |
| Potassium (pounds)                             |                                |                |                    |              |              |              |              |                    |                    |           |   |