

Table 9A. Income and Cash Operating Summary; Pima (ELS) Cotton, 1998

COUNTY: Maricopa FARM: Maricopa County 98 WATER SOURCE: Salt River Project TILLAGE: Conventional
 CROP: Cotton, Pima ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Salt River Project YIELD: 840.0 Lb / Acre PREVIOUS CROP: Cotton, Pima DATE: 2/2/99

| Item | Unit | Quantity | Price/ Unit | Budgeted /Acre | Total /Acre | Your Farm Budget |
|--|------------|----------|----------------|-------------------|----------------|---------------------|
| INCOME | Lint | Pound | 840.00 | \$1.03 | \$865.20 | \$965.40 |
| | CottonSeed | Ton | 0.75 | \$133.60 | \$100.20 | |
| CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax) | | | | | | |
| Paid Labor (including benefits) | | | | | 72.85 | |
| Tractor/Self Propelled | | | | | 37.76 | |
| Irrigation | | | | | 35.09 | |
| Chemicals and Custom Applications | | | | | 241.79 | |
| Fertilizer | | | | | 35.33 | |
| Insecticide | | | | | 180.89 | |
| Herbicide | | | | | 14.22 | |
| Other Chemicals | | | | | 11.35 | |
| Farm Machinery and Vehicles | | | | | 41.79 | |
| Diesel Fuel | | | | | 16.82 | |
| Repairs and Maintenance | | | | | 24.97 | |
| Irrigation Water (excluding labor) | | | | | 73.00 | |
| Water Assessment (See Note Below) ** | | | | | | |
| Other Purchased Inputs & Seed/Transplants | | | | | 8.12 | |
| TOTAL CASH LAND PREPARATION AND GROWING EXPENSES | | | | | 437.55 | |
| CASH HARVEST AND POST HARVEST EXPENSES | | | | | | |
| Paid Labor (including benefits) | | | | | 22.33 | |
| Tractor/Self Propelled | | | | | 8.69 | |
| Other/Contract | | | | | 13.65 | |
| Chemicals and Custom Applications | | | | | 28.16 | |
| Other Chemicals | | | | | 28.16 | |
| Farm Machinery and Vehicles | | | | | 60.07 | |
| Diesel Fuel | | | | | 8.35 | |
| Repairs and Maintenance | | | | | 51.72 | |
| Custom Harvest/Post Harvest | | | | | 6.97 | |
| Cotton Ginning | | | | | 96.35 | |
| Crop Assessment | | | | | 7.88 | |
| Other Materials | | | | | 0.00 | |
| TOTAL HARVEST AND POST HARVEST EXPENSE | | | | | 221.77 | |
| OPERATING OVERHEAD PICKUP USE | | | | | 15.29 | |
| OPERATING INTEREST AT 10.0% | | | | | 22.98 | |
| TOTAL CASH OPERATING EXPENSES | | | | | \$697.58 | |
| RETURNS OVER CASH OPERATING EXPENSES | | | | | \$267.82 | |

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

** A water assessment charge of \$20.00 per Acre is included as an ownership cost in Table B.

Table 9B. Allocations of Ownership Costs; Pima (ELS) Cotton, 1998

COUNTY: Maricopa FARM: Maricopa County 98 WATER SOURCE: Salt River Project TILLAGE: Conventional
 CROP: Cotton, Pima ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Salt River Project YIELD: 840.0 Lb / Acre PREVIOUS CROP: Cotton, Pima DATE: 2/2/99

| Item | -- CASH COST BASIS (\$/ACRE) -- | | -- TOTAL COST BASIS (\$/ACRE) -- | |
|--|---------------------------------|-------------|----------------------------------|-------------|
| | Income and Costs | Net Returns | Income and Costs | Net Returns |
| TOTAL INCOME at \$1.03 / Lb | \$965.40 | | \$965.40 | |
| TOTAL OPERATING EXPENSES | \$697.58 | | \$697.58 | |
| RETURN OVER CASH OPERATING EXPENSES | | \$267.82 | | \$267.82 |
| CASH OVERHEAD EXPENSES | | | | |
| Taxes, Housing and Insurance, Farm Machinery | 10.82 | | 10.82 | |
| General and Office Overhead (5.0% of Total Operating Exp.) | 34.88 | | 34.88 | |
| General Farm Maintenance (3.0% of Total Operating Exp.) | 20.93 | | 20.93 | |
| Total Cash Overhead Expenses | 66.63 | | 66.63 | |
| Total Cash Operating and Overhead Cost | 764.21 | | 764.21 | |
| RETURNS OVER CASH OPER. AND OVER. EXPENSES | | \$201.19 | | \$201.19 |
| CAPITAL ALLOCATIONS (100% Equity) | | | | |
| Capital Replacement, Machinery and Vehicles | | | 75.67 | |
| Interest on Equity, Machinery and Vehicles | | | 31.81 | |
| Total Capital Allocations | | | 107.48 | |
| RETURNS TO LAND, CAPITAL, MANAGEMENT AND RISK -----> | | \$201.19 | | |
| RETURNS TO LAND, MANAGEMENT AND RISK -----> | | | | \$93.71 |
| Land Cost / Ownership (100% Equity) | | | | |
| Property Taxes (\$619.00 X 16.0% X 0.141) | 13.98 | | 13.98 | |
| Opportunity Interest on Land (100% X 6.0 X \$619.00) | | | 37.14 | |
| Water Assessment | 20.00 | | 20.00 | |
| Total Land Costs | 33.98 | | 71.12 | |
| RETURNS TO CAPITAL, MANAGEMENT AND RISK -----> | | \$167.20 | | |
| RETURNS TO MANAGEMENT AND RISK -----> | | | | \$22.59 |
| Management Services (8% of Total Operation Expenses) | | | 55.81 | |
| TOTAL OWNERSHIP COST | 100.61 | | 301.04 | |
| TOTAL COST | \$798.20 | | \$998.62 | |
| RETURNS TO CAPITAL, MANAGEMENT AND RISK -----> | | \$167.20 | | |
| RETURNS TO RISK (PROFITS) -----> | | | | (\$33.22) |
| BREAK-EVEN PRICE TO COVER OPERATING COST (PER Lb) | | \$0.71 | | \$0.71 |
| BREAK-EVEN PRICE TO COVER OWNERSHIP COST | | \$0.12 | | \$0.36 |
| BREAK-EVEN PRICE TO COVER TOTAL COST | | \$0.83 | | \$1.07 |

Table 9C. Variable Operating Costs; Pima (ELS) Cotton, 1998

COUNTY: Maricopa FARM: Maricopa County 98 WATER SOURCE: Salt River Project TILLAGE: Conventional
 CROP: Cotton, Pima ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Salt River Project YIELD: 840.0 Lb / Acre PREVIOUS CROP: Cotton, Pima DATE: 2/2/99

| 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 | 0.257 | 0.286 | 3.99 | 2.79 | | | 6.77 | 1.0 | 6.77 | L |
| 2 | Jan | Disk | 0.170 | 0.189 | 2.71 | 1.84 | | | 4.55 | 1.0 | 4.55 | L |
| 3 | Jan | Landplane | 0.900 | 1.000 | 11.26 | 9.75 | | | 21.01 | 1.0 | 21.01 | L |
| 4 | Jan | Apply Herb. & Incorporate | 0.180 | 0.200 | 3.16 | 1.95 | | 3.96 | 9.06 | 1.0 | 9.06 | G |
| 5 | Jan | List | 0.158 | 0.175 | 1.78 | 1.71 | | | 3.49 | 1.0 | 3.49 | L |
| 6 | Jan | Buck Rows | 0.022 | 0.025 | 0.13 | 0.24 | | | 0.38 | 5.0 | 1.89 | G |
| 7 | Feb | Preirrigate | | 0.600 | | 5.85 | | | 5.85 | 1.0 | 5.85 | G |
| 8 | Feb | Disk Ends | 0.011 | 0.013 | 0.08 | 0.13 | | | 0.21 | 5.0 | 1.06 | G |
| 9 | Mar | Mulch | 0.200 | 0.222 | 2.49 | 2.16 | | | 4.65 | 1.0 | 4.65 | L |
| 10 | Mar | Plant | 0.170 | 0.189 | 2.62 | 1.84 | | 8.12 | 12.58 | 1.0 | 12.58 | L |
| 11 | Mar | Remove Cap | 0.100 | 0.111 | 0.60 | 1.08 | | | 1.68 | 1.0 | 1.68 | G |
| 12 | May | Cultivate | 0.150 | 0.167 | 1.35 | 1.63 | | | 2.98 | 3.0 | 8.93 | G |
| 13 | May | Apply Fert/Ground | 0.150 | 0.167 | 1.76 | 1.63 | | 17.67 | 21.05 | 2.0 | 42.11 | G |
| 14 | May | Irrigate | | 0.300 | | 2.92 | | 7.30 | 10.22 | 10.0 | 102.24 | G |
| 15 | Jun | Apply Insecticide/Air | | | | | 4.23 | 10.10 | 14.33 | 4.0 | 57.33 | G |
| 16 | Jun | Apply Growth Regulator | | | | | 4.23 | 7.12 | 11.35 | 1.0 | 11.35 | G |
| 17 | Jul | Apply Insecticide/Air | | | | | 4.23 | 13.12 | 17.35 | 1.0 | 17.35 | G |
| 18 | Jul | Apply Insecticide/Air | | | | | 4.23 | 37.01 | 41.24 | 1.0 | 41.24 | G |
| 19 | Jul | Apply Herbicide/Ground | 0.129 | 0.143 | 1.37 | 1.39 | | 10.26 | 13.02 | 1.0 | 13.02 | G |
| 20 | Jul | Hand Weeding | | 2.000 | | | | | | 1.0 | | G |
| 21 | Aug | Apply Insecticide/Air | | | | | 4.23 | 19.35 | 23.58 | 1.0 | 23.58 | G |
| 22 | Aug | Apply Insecticide/Air | | | | | 4.23 | 26.44 | 30.67 | 1.0 | 30.67 | G |
| 23 | Aug | Apply Insecticide/Air | | | | | 4.23 | 6.48 | 10.71 | 1.0 | 10.71 | G |
| 24 | Aug | Apply Defoliant/Air | | | | | 4.75 | 15.70 | 20.45 | 1.0 | 20.45 | H |
| 25 | Sep | Apply Defoliant/Air | | | | | 4.75 | 2.96 | 7.71 | 1.0 | 7.71 | H |
| 26 | Oct | Prepare Ends | 0.045 | 0.050 | 0.47 | 0.49 | | | 0.96 | 1.0 | 0.96 | H |
| 27 | Oct | Cotton, First Pick | 0.900 | 1.000 | 36.77 | 9.75 | | | 46.52 | 1.0 | 46.52 | H |
| 28 | Oct | Cotton, Make Modules | 0.300 | 0.333 | 3.73 | 3.25 | | | 6.97 | 1.0 | 6.97 | H |
| 29 | Nov | Cotton, Second Pick | 0.450 | 0.500 | 18.39 | 4.87 | | | 23.26 | 0.8 | 18.61 | H |
| 30 | Nov | Cotton, Rood | 0.257 | 0.286 | 2.59 | 2.79 | | | 5.38 | 1.0 | 5.38 | H |
| 31 | Oct | Haul, Custom .1 Mu | | | | | 4.80 | | 4.80 | 1.0 | 4.80 | H |
| 32 | Oct | Cotton Ginning 24.7 Cs | | | | | 96.35 | | 96.35 | 1.0 | 96.35 | P |
| 33 | Dec | Cotton Classing 1.7 Ba | | | | | 2.16 | | 2.16 | 1.0 | 2.16 | M |
| 34 | Dec | Crop Assessment 1.7 Ba | | | | | 7.88 | | 7.88 | 1.0 | 7.88 | M |
| 35 | Dec | Cut Stalks 1.7 Ba | 0.200 | 0.222 | 1.81 | 2.16 | | | 3.97 | 1.0 | 3.97 | P |
| 36 | Dec | Disk Residue 1.7 Ba | 0.300 | 0.333 | 3.16 | 3.25 | | | 6.41 | 1.0 | 6.41 | L |
| | | Pickup Use60 Mi/Acre | 2.000 | | 15.29 | | | | | | 15.29 | |
| | | Operating Interest at 10.0 | | | | | 22.98 | | | | 22.98 | |
| TOTAL CASH OPERATING EXPENSES (includes all times over): | | | | | | | | | | | 697.58 | 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.
 A water assessment charge of \$20.00 per Acre is included as an ownership cost in Table B.

Table 9C. Variable Operating Costs; Pima (ELS) Cotton, 1998

COUNTY: Maricopa FARM: Maricopa County 98 WATER SOURCE: Salt River Project TILLAGE: Conventional
 CROP: Cotton, Pima ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Salt River Project YIELD: 840.0 Lb / Acre PREVIOUS CROP: Cotton, Pima DATE: 2/2/99

OPERATING COST SUMMARY BY CLASS

| | |
|------------------------|----------|
| Land Preparation (L) | 59.47 |
| Growing (G) | 378.08 |
| Harvest (H) | 111.40 |
| Post Harvest (P) | 100.32 |
| Marketing (M) | 10.05 |
| Operating Overhead (O) | 38.27 |
| | ===== |
| Total (T) | \$697.58 |

SENSITIVITY OF THE NET REVENUES OVER TOTAL CASH EXPENSES (\$/ACRE)

| Prices | - 25% | - 10% | Budgeted | + 10% | + 25% | | |
|------------------|---------|---------|----------|--------|--------|------------------|------|
| Yields | \$0.77 | \$0.93 | \$1.03 | \$1.13 | \$1.29 | Break-even Price | |
| - 25% | 630.0 | -152.55 | -55.21 | 9.68 | 74.57 | 171.90 | 1.01 |
| - 10% | 756.0 | -88.48 | 28.32 | 106.19 | 184.06 | 300.86 | 0.89 |
| Budgeted | 840.0 | -45.76 | 84.02 | 170.54 | 257.06 | 386.84 | 0.83 |
| + 10% | 924.0 | -3.05 | 139.71 | 234.88 | 330.05 | 472.81 | 0.78 |
| + 25% | 1,050.0 | 61.02 | 223.24 | 331.39 | 439.54 | 601.77 | 0.71 |
| Break-even Yield | | 930.00 | 713.28 | 617.37 | 544.19 | 462.04 | |

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Table 9D. Resource and Cash Flow Requirements; Pima (ELS) Cotton, 1998

COUNTY: Maricopa FARM: Maricopa County 98 WATER SOURCE: Salt River Project TILLAGE: Conventional
 CROP: Cotton, Pima ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Salt River Project YIELD: 840.0 Lb / Acre PREVIOUS CROP: Cotton, Pima DATE: 2/2/99

| 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 | | | 1.20 | | 13.93 | 11.72 | 1.98 | | | 27.63 |
| FEB C | 1.0 | 12.0 | 1.56 | | 11.67 | 15.24 | 1.98 | | | 28.88 |
| MAR C | | | 0.17 | | 1.89 | 1.67 | | 1.62 | | 5.18 |
| APR C | | | 0.35 | | 3.82 | 3.42 | | 6.50 | | 13.74 |
| MAY C | 2.0 | 12.0 | 0.97 | | 3.33 | 9.48 | 17.67 | | | 30.47 |
| JUN C | 2.0 | 12.0 | 0.97 | 10.00 | 3.33 | 9.48 | 44.99 | | 12.69 | 80.48 |
| JUL C | 3.0 | 18.0 | 3.25 | 15.00 | 2.94 | 12.17 | 70.50 | | 12.69 | 113.29 |
| AUG C | 2.0 | 12.0 | 0.64 | 21.50 | 0.22 | 6.22 | 62.38 | | 16.92 | 107.23 |
| SEP C | 1.0 | 6.0 | 0.30 | 16.50 | | 2.92 | 9.33 | | 4.75 | 33.50 |
| OCT C | | | 0.45 | | 12.62 | 4.39 | 9.33 | | 35.10 | 61.44 |
| NOV C | | | 1.34 | | 50.29 | 13.09 | | | 50.58 | 113.96 |
| DEC C | | | 0.55 | | 7.83 | 5.40 | | | 30.28 | 43.50 |
| Pickup Use60 Mi/Acre | | | | | 15.29 | | | | | 15.29 |
| Operating Interest at 10.0 | | | | | | | | | 22.98 | 22.98 |
| Water Assessment | | | | ** | | | | | | |
| Total | 11.0 | 72.0 | 11.76 | 63.00 | 127.14 | 95.18 | 218.15 | 8.12 | 185.99 | 697.58 |
| % | | | | 9.03 | 18.23 | 13.64 | 31.27 | 1.16 | 26.66 | 100.00 |

TOTAL RESOURCE REQUIREMENTS (per Acre)

| | |
|-------------|-------|
| Total N | 119.6 |
| Total P | 0.0 |
| Total K | 0.0 |
| Total Labor | 11.8 |
| Total Water | 72.0 |

TOTAL ENERGY REQUIREMENTS (per Acre)

| | | |
|-------------------|------|-------|
| Diesel Fuel | 31.2 | Gal |
| Unleaded Gas | 6.0 | Gal |
| All Direct Energy | 5.1 | M BTU |

EQUIPMENT REQUIREMENTS (per Acre)

| | | | | | |
|--------------------------|---------|----------------------------|---------|----------------------------|---------|
| Bed Shaper, 6 Rw | 0.17 Hr | Cotton Picker, 2 Row | 1.26 Hr | Cotton Trailer 30'X 8'X 6' | 0.00 Hr |
| Dbl. Offset Disk, 16' | 0.18 Hr | Directed Spray Rig, 8 | 0.13 Hr | Fert. Side Dress Unit, | 0.30 Hr |
| Landplane 12'X 45' | 0.90 Hr | Lister, 7 Bottom | 0.16 Hr | Module Builder | 0.30 Hr |
| Moldboard Plow, 5-16 2 | 0.26 Hr | Offset Disk, 13.5' | 0.35 Hr | Offset Disk, 18' | 0.17 Hr |
| Pickup Truck, 1/2 Ton | 2.00 Hr | Planter, Drill Type, 6 Row | 0.17 Hr | Power Mulcher, 6 Rw | 0.20 Hr |
| Rolling Cultivator, 6 Rw | 0.58 Hr | Rood, 3 Row W/Basket | 0.26 Hr | Rotary Stalk Cutter, 4 Row | 0.20 Hr |
| Rowbuck, 10' | 0.11 Hr | Saddle Tk Sprayer, 2 Tk 8 | 0.18 Hr | Section Harrow, 4 Section | 0.10 Hr |
| Tandem Disk, 12' | 0.05 Hr | Tractor, 80 PTO HP, | 0.82 Hr | Tractor, 100 PTO HP, | 1.79 Hr |
| Tractor, 125 PTO HP, | 0.16 Hr | Tractor, 150 PTO HP, | 1.51 Hr | | |

MATERIALS REQUIREMENT (per Acre)

| | | | | | |
|-------------------|-----------|-----------------------|----------|--------------------|---------|
| 46-00-00, Urea 46 | 260.00 Lb | Buprofezin | 0.50 Lb | Chlorpyrifos | 6.00 Pt |
| Mepiquat Chloride | 0.50 Pt | Methidathion | 3.00 Pt | Methomyl | 1.00 Pt |
| Oxamyl | 1.50 Pt | Pima Cotton Sd + Fung | 12.00 Lb | Prometryn | 2.50 Pt |
| Pyriproxyfen | 8.00 Oz | Sodium Chlorate | 2.00 Ga | Thidiazuron/diuron | 9.50 Oz |
| Trifluralin | 1.20 Pt | Water, District | 72.00 Al | | |

LABOR REQUIREMENT (per Acre)

| | | | | | |
|--------------|---------|---------|---------|------------|---------|
| Hand Weeders | 2.00 Hr | Harvest | 1.40 Hr | Irrigators | 3.60 Hr |
| Tractor | 4.76 Hr | | | | |

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

** A water assessment charge of \$20.00 per Acre is included as an ownership cost in Table B.

Table 9E. Schedule of Operations; Pima (ELS) Cotton, 1998

COUNTY: Maricopa FARM: Maricopa County 98 WATER SOURCE: Salt River Project TILLAGE: Conventional
 CROP: Cotton, Pima ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Salt River Project YIELD: 840.0 Lb / Acre PREVIOUS CROP: Cotton, Pima DATE: 2/2/99

| First No. | Month | Times | Operation | Equipment/ Custom Oper HP Self-Prop./ Implement | Job Rate Acres/Hr | Material Use and Cost Name | Appl. Rate \$ / Unit | Service Cost \$ / Unit | Labor Type |
|-----------|-------|-------|------------------------|---|-------------------|----------------------------|----------------------|------------------------|------------|
| 1 | Jan | 1.0 | Plow | 150 Moldboard Plow, 5-16 2 | 3.50 | | | | Tractor |
| 2 | Jan | 1.0 | Disk | 150 Offset Disk, 18' | 5.30 | | | | Tractor |
| 3 | Jan | 1.0 | Landplane | 150 Landplane 12'X 45' | 1.00 | | | | Tractor |
| 4 | Jan | 1.0 | Apply Herb. & | 150 Dbl. Offset Disk, 16' Saddle Tk Sprayer, 2 Tk 8 Row | 5.00 | Trifluralin | 1.20 Pt 24.95 Ga | | Tractor |
| 5 | Jan | 1.0 | List | 125 Lister, 7 Bottom | 5.70 | | | | Tractor |
| 6 | Jan | 5.0 | Buck Rows | 80 Rowbuck, 10' | 40.00 | | | | Tractor |
| 7 | Feb | 1.0 | Preirrigate | | 1.67 | Water, District | 12.00 Al 0.00 AF | | Irrigators |
| 8 | Feb | 5.0 | Disk Ends | 80 Tandem Disk, 12' | 76.90 | | | | Tractor |
| 9 | Mar | 1.0 | Mulch | 100 Power Mulcher, 6 Rw | 4.50 | | | | Tractor |
| 10 | Mar | 1.0 | Plant | 100 Bed Shaper, 6 Row Planter, Drill Type, 6 Row | 5.30 | Pima Cotton Sd + Fung | 12.00 Lb 0.64 Lb | | Tractor |
| 11 | Mar | 1.0 | Remove Cap | 80 Section Harrow, 4 Section | 9.00 | | | | Tractor |
| 12 | May | 3.0 | Cultivate | 100 Rolling Cultivator, 6 Rw | 6.00 | | | | Tractor |
| 13 | May | 2.0 | Apply Fert/Ground | 100 Fert. Side Dress Unit, | 6.00 | 46-00-00, Urea 46 | 130.00 Lb 257.00 Tn | | Tractor |
| 14 | May | 10.0 | Irrigate | | 3.33 | Water, District | 6.00 Al 14.60 AF | | Irrigators |
| 15 | Jun | 4.0 | Apply Insecticide/Air | CST Air Spray, 3 Gal Mix | | Chlorpyrifos | 1.50 Pt 50.95 Ga | 4.23 Ac | |
| 16 | Jun | 1.0 | Apply Growth Regulator | CST Air Spray, 3 Gal Mix | | Mepiquat Chloride | 0.50 Pt 107.75 Ga | 4.23 Ac | |
| 17 | Jul | 1.0 | Apply Insecticide/Air | CST Air Spray, 3 Gal Mix | | Oxamyl | 1.50 Pt 66.19 Ga | 4.23 Ac | |
| 18 | Jul | 1.0 | Apply Insecticide/Air | CST Air Spray, 3 Gal Mix | | Pyriproxyfen | 8.00 Oz 560.00 Ga | 4.23 Ac | |
| 19 | Jul | 1.0 | Apply Herbicide/Ground | 100 Directed Spray Rig, 8 Rolling Cultivator, 6 Rw | 7.00 | Prometryn | 2.50 Pt 31.04 Ga | | Tractor |
| 20 | Jul | 1.0 | Hand Weeding | | 0.50 | | | | Hand |
| 21 | Aug | 1.0 | Apply Insecticide/Air | CST Air Spray, 3 Gal Mix | | Methidathion | 3.00 Pt 48.80 Ga | 4.23 Ac | |
| 22 | Aug | 1.0 | Apply Insecticide/Air | CST Air Spray, 3 Gal Mix | | Buprofezin | 0.50 Lb 50.00 Lb | 4.23 Ac | |
| 23 | Aug | 1.0 | Apply Insecticide/Air | CST Air Spray, 3 Gal Mix | | Methomyl | 1.00 Pt 49.05 Ga | 4.23 Ac | |
| 24 | Aug | 1.0 | Apply Defoliant/Air | CST Air Spray, 5 Gal Mix | | Thidiazuron/diuron | 9.50 Oz 200.00 Ga | 4.75 Ac | |
| 25 | Sep | 1.0 | Apply Defoliant/Air | CST Air Spray, 5 Gal Mix | | Sodium Chlorate | 2.00 Ga 1.40 Ga | 4.75 Ac | |
| 26 | Oct | 1.0 | Prepare Ends | 100 Offset Disk, 13.5' | 20.00 | | | | Tractor |
| 27 | Oct | 1.0 | Cotton, First Pick | Cotton Picker, 2 Row | 1.00 | | | | Harvest |
| 28 | Oct | 1.0 | Cotton, Make Modules | 80 Module Builder | 3.00 | | | | Tractor |
| 29 | Nov | 0.8 | Cotton, Second Pick | Cotton Picker, 2 Row | 2.00 | | | | Harvest |
| 30 | Nov | 1.0 | Cotton, Rood | 80 Rood, 3 Row W/Basket | 3.50 | | | | Tractor |
| 31 | Oct | 1.0 | Haul, Custom | CST Haul Cotton Modules | | | | 35.00 Mu | |
| 32 | Oct | 1.0 | Cotton Ginning | CST Gin Pima Cotton | | | | 3.90 Cs | |
| 33 | Dec | 1.0 | Cotton Classing | CST Class Cotton, HVI | | | | 1.25 Ba | |
| 34 | Dec | 1.0 | Crop Assessment | CST Pima (Low Elev) | | | | 4.55 Ba | |
| 35 | Dec | 1.0 | Cut Stalks | 100 Rotary Stalk Cutter, 4 Row | 4.50 | | | | Tractor |
| 36 | Dec | 1.0 | Disk Residue | 100 Offset Disk, 13.5' | 3.00 | | | | Tractor |
| | | | Pickup use 60 Mi/Ac | Pickup Truck, 1/2 Ton | 0.50 | | | | |

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