

Estimating 2006 Costs of Production
Double Crop, Non-Irrigated, Roundup Ready

AG-951-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 3.0000 | 14.25 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| glyphosate | pint | 1.78 | 6.0000 | 10.73 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed RR | lb | 0.63 | 60.0000 | 38.10 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 25.0000 | 3.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.1304 | 1.06 | _____ |
| Tractors | hour | 8.12 | 0.2933 | 2.38 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 2.7722 | 6.10 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 1.86 | 1.0000 | 1.86 | _____ |
| Tractors | acre | 1.03 | 1.0000 | 1.03 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| INTEREST ON OP. CAP. | acre | 3.56 | 1.0000 | 3.56 | _____ |
| TOTAL DIRECT EXPENSES | | | | 125.55 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 4.45 | 1.0000 | 4.45 | _____ |
| Tractors | acre | 7.65 | 1.0000 | 7.65 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| TOTAL FIXED EXPENSES | | | | 24.62 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 150.17 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Non-Irrigated, Roundup Ready, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 | lb | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Jun | 2.13 | 2.30 | 0.94 | 2.18 | 0.18 | 1.54 | | | | 9.09 |
| Soybean Seed RR | lb | | | | | | | | | | | 60.0000 | 0.63 | 38.10 | 38.10 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Cstm ap air insect acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Cstm ap grd herbicid acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul | bu | | | 1.00 | Oct | | | | | | | 25.0000 | 0.15 | 3.75 | 3.75 |
| TOTALS | | | | | | 14.26 | 20.17 | 1.86 | 4.45 | 0.58 | 4.79 | | | 101.08 | 146.61 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 3.56 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 150.17 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

AG-951-12-05

Estimating 2006 Costs of Production
Double Crop, Furrow Irrigation, Roundup Ready

AG-952-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 3.0000 | 14.25 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| glyphosate | pint | 1.78 | 6.0000 | 10.73 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| IRRIGATION SUPPLIES | | | | | |
| Flex irrigation tube | acre | 5.75 | 1.0000 | 5.75 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed RR | lb | 0.63 | 60.0000 | 38.10 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 45.0000 | 6.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.2373 | 1.92 | _____ |
| Tractors | hour | 8.12 | 0.6094 | 4.94 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| IRRIGATION LABOR | | | | | |
| Furrow Irrigation | hour | 8.12 | 0.3318 | 2.68 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 5.1150 | 11.25 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| Furrow Irrigation | gal | 2.20 | 12.0000 | 26.40 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 2.33 | 1.0000 | 2.33 | _____ |
| Tractors | acre | 1.76 | 1.0000 | 1.76 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| Furrow Irrigation | 1ac-in | 0.23 | 12.0000 | 2.76 | _____ |
| INTEREST ON OP. CAP. | acre | 5.10 | 1.0000 | 5.10 | _____ |
| TOTAL DIRECT EXPENSES | | | | 177.45 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 4.84 | 1.0000 | 4.84 | _____ |
| Tractors | acre | 12.90 | 1.0000 | 12.90 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| Furrow Irrigation | each | 2322.34 | 0.0083 | 19.35 | _____ |
| TOTAL FIXED EXPENSES | | | | 49.61 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 227.06 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless
 of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Furrow Irrigation, Roundup Ready, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 lb | | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Planter 8r@30" | 20' | 2WD 150 | 0.115 | 1.00 | Jun | 2.47 | 2.33 | 0.81 | 1.47 | 0.27 | 2.24 | | | | 9.32 |
| Soybean Seed RR | lb | | | | | | | | | | | 60.0000 | 0.63 | 38.10 | 38.10 |
| Row cult 8r@30" | 20' | 2WD 150 | 0.129 | 1.00 | Jun | 2.77 | 2.61 | 0.30 | 0.55 | 0.16 | 1.36 | | | | 7.59 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Row cult 8r@30" | 20' | 2WD 150 | 0.129 | 1.00 | Jun | 2.77 | 2.61 | 0.30 | 0.55 | 0.16 | 1.36 | | | | 7.59 |
| Flex irrigation tube | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 5.75 | 5.75 | 5.75 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Cstm ap air insect | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Cstm ap grd herbicid acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul | bu | | | 1.00 | Oct | | | | | | | 45.0000 | 0.15 | 6.75 | 6.75 |
| Furrow Irrigation | each | | | 1.00 | Jul | | | | 19.35 | | | 0.0083 | | | 19.35 |
| Application 1 | lac-in | | | 1.00 | Jul | | | 7.29 | | 0.08 | 0.67 | 3.0000 | | | 7.96 |
| Application 2 | lac-in | | | 1.00 | Jul | | | 7.29 | | 0.08 | 0.67 | 3.0000 | | | 7.96 |
| Application 3 | lac-in | | | 1.00 | Aug | | | 7.29 | | 0.08 | 0.67 | 3.0000 | | | 7.96 |
| Application 4 | lac-in | | | 1.00 | Aug | | | 7.29 | | 0.08 | 0.67 | 3.0000 | | | 7.96 |
| TOTALS | | | | | | 20.14 | 25.42 | 31.49 | 24.19 | 1.34 | 10.89 | | | 109.83 | 221.96 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 5.10 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 227.06 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

Estimating 2006 Costs of Production
Double Crop, Border Irrigation, Roundup Ready

AG-953-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 3.0000 | 14.25 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| glyphosate | pint | 1.78 | 6.0000 | 10.73 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| IRRIGATION SUPPLIES | | | | | |
| Flex irrigation tube | acre | 5.75 | 1.0000 | 5.75 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed RR | lb | 0.63 | 60.0000 | 38.10 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 45.0000 | 6.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.1500 | 1.22 | _____ |
| Tractors | hour | 8.12 | 0.4011 | 3.26 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| IRRIGATION LABOR | | | | | |
| Border Irrigation | hour | 8.12 | 0.2036 | 1.65 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 3.7155 | 8.18 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| Border Irrigation | gal | 2.20 | 9.0000 | 19.80 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 2.03 | 1.0000 | 2.03 | _____ |
| Tractors | acre | 1.33 | 1.0000 | 1.33 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| Border Irrigation | lac-in | 0.23 | 9.0000 | 2.07 | _____ |
| INTEREST ON OP. CAP. | acre | 4.56 | 1.0000 | 4.56 | _____ |
| TOTAL DIRECT EXPENSES | | | | 162.41 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 4.86 | 1.0000 | 4.86 | _____ |
| Tractors | acre | 9.91 | 1.0000 | 9.91 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| Border Irrigation | each | 2322.34 | 0.0083 | 19.35 | _____ |
| TOTAL FIXED EXPENSES | | | | 46.64 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 209.05 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless
 of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Border Irrigation, Roundup Ready, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 lb | | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Jun | 2.13 | 2.30 | 0.94 | 2.18 | 0.18 | 1.54 | | | | 9.09 |
| Soybean Seed RR | lb | | | | | | | | | | | 60.0000 | 0.63 | 38.10 | 38.10 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Levee disk-build | 9' | 2WD 170 | 0.196 | 0.50 | Jul | 2.38 | 2.26 | 0.17 | 0.41 | 0.12 | 1.04 | | | | 6.26 |
| Flex irrigation tube | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 5.75 | 5.75 | 5.75 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Cstm ap air insect | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Cstm ap grd herbicid acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul | bu | | | 1.00 | Oct | | | | | | | 45.0000 | 0.15 | 6.75 | 6.75 |
| Border Irrigation | each | | | 1.00 | Jul | | | | 19.35 | | | 0.0083 | | | 19.35 |
| Application 1 | lac-in | | | 1.00 | Jul | | | 7.29 | | 0.06 | 0.55 | 3.0000 | | | 7.84 |
| Application 2 | lac-in | | | 1.00 | Aug | | | 7.29 | | 0.06 | 0.55 | 3.0000 | | | 7.84 |
| Application 3 | lac-in | | | 1.00 | Aug | | | 7.29 | | 0.06 | 0.55 | 3.0000 | | | 7.84 |
| TOTALS | | | | | | 16.64 | 22.43 | 23.90 | 24.21 | 0.92 | 7.48 | | | 109.83 | 204.49 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 4.56 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 209.05 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

Estimating 2006 Costs of Production
Double Crop, Center Irrigation, Roundup Ready

AG-954-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 3.0000 | 14.25 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| glyphosate | pint | 1.78 | 6.0000 | 10.73 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed RR | lb | 0.63 | 60.0000 | 38.10 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 45.0000 | 6.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.1304 | 1.06 | _____ |
| Tractors | hour | 8.12 | 0.2933 | 2.38 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| IRRIGATION LABOR | | | | | |
| Center Pivot | hour | 8.12 | 0.1624 | 1.33 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 2.7722 | 6.10 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| Center Pivot | gal | 2.20 | 14.0000 | 30.80 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 1.86 | 1.0000 | 1.86 | _____ |
| Tractors | acre | 1.03 | 1.0000 | 1.03 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| Center Pivot | lac-in | 0.93 | 7.0000 | 6.58 | _____ |
| INTEREST ON OP. CAP. | acre | 4.67 | 1.0000 | 4.67 | _____ |
| TOTAL DIRECT EXPENSES | | | | 168.37 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 4.45 | 1.0000 | 4.45 | _____ |
| Tractors | acre | 7.65 | 1.0000 | 7.65 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| Center Pivot | each | 7431.49 | 0.0083 | 61.93 | _____ |
| TOTAL FIXED EXPENSES | | | | 86.55 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 254.92 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating

The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless

of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Center Pivot, Roundup Ready, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 | lb | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Jun | 2.13 | 2.30 | 0.94 | 2.18 | 0.18 | 1.54 | | | | 9.09 |
| Soybean Seed RR | lb | | | | | | | | | | | 60.0000 | 0.63 | 38.10 | 38.10 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Cstm ap air insect acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Cstm ap grd herbicid acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul | bu | | | 1.00 | Oct | | | | | | | 45.0000 | 0.15 | 6.75 | 6.75 |
| Center Pivot | each | | | 1.00 | Jul | | | | 61.93 | | | 0.0083 | | | 61.93 |
| Application 1 | lac-in | | | 1.00 | Jul | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 2 | lac-in | | | 1.00 | Jul | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 3 | lac-in | | | 1.00 | Jul | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 4 | lac-in | | | 1.00 | Aug | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 5 | lac-in | | | 1.00 | Aug | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 6 | lac-in | | | 1.00 | Aug | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 7 | lac-in | | | 1.00 | Sep | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| TOTALS | | | | | | 14.26 | 20.17 | 39.24 | 66.38 | 0.75 | 6.12 | | | 104.08 | 250.25 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 4.67 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 254.92 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

Estimating 2006 Costs of Production
Double Crop, Flood Irrigation, Roundup Ready

AG-955-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 3.0000 | 14.25 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| glyphosate | pint | 1.78 | 6.0000 | 10.73 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed RR | lb | 0.63 | 60.0000 | 38.10 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 45.0000 | 6.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.2616 | 2.14 | _____ |
| Tractors | hour | 8.12 | 1.0145 | 8.24 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| IRRIGATION LABOR | | | | | |
| Flood Irr. Soybeans | hour | 8.12 | 0.1005 | 0.81 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 8.1438 | 17.91 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| Flood Irr. Soybeans | gal | 2.20 | 10.0000 | 22.00 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 2.38 | 1.0000 | 2.38 | _____ |
| Tractors | acre | 2.81 | 1.0000 | 2.81 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| Flood Irr. Soybeans | lac-in | 0.19 | 10.0000 | 1.99 | _____ |
| INTEREST ON OP. CAP. | acre | 4.85 | 1.0000 | 4.85 | _____ |
| TOTAL DIRECT EXPENSES | | | | 175.69 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 6.30 | 1.0000 | 6.30 | _____ |
| Tractors | acre | 20.84 | 1.0000 | 20.84 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| Flood Irr. Soybeans | each | 2322.34 | 0.0083 | 19.35 | _____ |
| TOTAL FIXED EXPENSES | | | | 59.01 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 234.70 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Flood Irrigation, Roundup Ready, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry | acre | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 | lb | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Jun | 2.13 | 2.30 | 0.94 | 2.18 | 0.18 | 1.54 | | | | 9.09 |
| Soybean Seed RR | lb | | | | | | | | | | | 60.0000 | 0.63 | 38.10 | 38.10 |
| Cstm ap grd herbicid | acre | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Land float | 16'x56' | MFWD 190 | 0.138 | 2.00 | Jul | 7.62 | 8.15 | 0.19 | 0.80 | 0.35 | 2.92 | | | | 19.68 |
| Levee disk-build | 9' | 2WD 170 | 0.196 | 0.15 | Jul | 0.71 | 0.68 | 0.05 | 0.12 | 0.03 | 0.31 | | | | 1.87 |
| Blade, rear mount | 8' | 2WD 75 | 1.550 | 0.05 | Jul | 0.80 | 0.55 | 0.03 | 0.15 | 0.10 | 0.82 | | | | 2.35 |
| Levee disk-knock dwn | 9' | 2WD 170 | 0.196 | 0.10 | Jul | 0.48 | 0.45 | 0.03 | 0.08 | 0.02 | 0.21 | | | | 1.25 |
| Cstm ap grd herbicid | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Cstm ap air insect | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC | pt | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Levee disk-build | 9' | 2WD 170 | 0.196 | 0.15 | Aug | 0.71 | 0.68 | 0.05 | 0.12 | 0.03 | 0.31 | | | | 1.87 |
| Blade, rear mount | 8' | 2WD 75 | 1.550 | 0.05 | Aug | 0.80 | 0.55 | 0.03 | 0.15 | 0.10 | 0.82 | | | | 2.35 |
| Levee disk-knock dwn | 9' | 2WD 170 | 0.196 | 0.10 | Aug | 0.48 | 0.45 | 0.03 | 0.08 | 0.02 | 0.21 | | | | 1.25 |
| Cstm ap grd herbicid | acre | | | 1.00 | Aug | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| glyphosate | pint | | | | | | | | | | | 2.0000 | 1.78 | 3.58 | 3.58 |
| Levee disk-build | 9' | 2WD 170 | 0.196 | 0.15 | Sep | 0.71 | 0.68 | 0.05 | 0.12 | 0.03 | 0.31 | | | | 1.87 |
| Blade, rear mount | 8' | 2WD 75 | 1.550 | 0.05 | Sep | 0.80 | 0.55 | 0.03 | 0.15 | 0.10 | 0.82 | | | | 2.35 |
| Levee disk-knock dwn | 9' | 2WD 170 | 0.196 | 0.10 | Sep | 0.48 | 0.45 | 0.03 | 0.08 | 0.02 | 0.21 | | | | 1.25 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul | bu | | | 1.00 | Oct | | | | | | | 45.0000 | 0.15 | 6.75 | 6.75 |
| Flood Irr. Soybeans | each | | | 1.00 | Jul | | | | 19.35 | | | 0.0083 | | | 19.35 |
| Application 1 | lac-in | | | 1.00 | Jul | | | 9.59 | | 0.04 | 0.33 | 4.0000 | | | 9.92 |
| Application 2 | lac-in | | | 1.00 | Aug | | | 7.20 | | 0.03 | 0.24 | 3.0000 | | | 7.44 |
| Application 3 | lac-in | | | 1.00 | Sep | | | 7.20 | | 0.03 | 0.24 | 3.0000 | | | 7.44 |
| TOTALS | | | | | | 27.85 | 33.36 | 26.37 | 25.65 | 1.54 | 12.54 | | | 104.08 | 229.85 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 4.85 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 234.70 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

Estimating 2006 Costs of Production
Double Crop, Non-Irrigated, Conventional

AG-956-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 2.0000 | 9.50 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| Cstm ap air herbicid | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| Dual Magnum | pt | 12.19 | 1.5000 | 18.29 | _____ |
| Canopy SP | oz | 1.39 | 3.0000 | 4.17 | _____ |
| Storm | pt | 10.10 | 1.0000 | 10.11 | _____ |
| Select 2EC | oz | 1.44 | 4.0000 | 5.77 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed Private | lb | 0.38 | 60.0000 | 22.80 | _____ |
| ADJUVANTS | | | | | |
| Surfactant | pt | 1.15 | 0.4000 | 0.46 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 25.0000 | 3.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.1304 | 1.06 | _____ |
| Tractors | hour | 8.12 | 0.2933 | 2.38 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 2.7722 | 6.10 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 1.86 | 1.0000 | 1.86 | _____ |
| Tractors | acre | 1.03 | 1.0000 | 1.03 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| INTEREST ON OP. CAP. | acre | 3.99 | 1.0000 | 3.99 | _____ |
| TOTAL DIRECT EXPENSES | | | | 139.49 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 4.45 | 1.0000 | 4.45 | _____ |
| Tractors | acre | 7.65 | 1.0000 | 7.65 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| TOTAL FIXED EXPENSES | | | | 24.62 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 164.11 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Non-Irrigated, Conventional, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 | lb | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Jun | 2.13 | 2.30 | 0.94 | 2.18 | 0.18 | 1.54 | | | | 9.09 |
| Soybean Seed Private lb | | | | | | | | | | | | 60.0000 | 0.38 | 22.80 | 22.80 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Dual Magnum | pt | | | | | | | | | | | 1.5000 | 12.19 | 18.29 | 18.29 |
| Canopy SP | oz | | | | | | | | | | | 3.0000 | 1.39 | 4.17 | 4.17 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Storm | pt | | | | | | | | | | | 1.0000 | 10.10 | 10.11 | 10.11 |
| Surfactant | pt | | | | | | | | | | | 0.4000 | 1.15 | 0.46 | 0.46 |
| Cstm ap air insect acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Cstm ap air herbicid acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Select 2EC | oz | | | | | | | | | | | 4.0000 | 1.44 | 5.77 | 5.77 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul | bu | | | 1.00 | Oct | | | | | | | 25.0000 | 0.15 | 3.75 | 3.75 |
| TOTALS | | | | | | 14.26 | 20.17 | 1.86 | 4.45 | 0.58 | 4.79 | | | 114.59 | 160.12 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 3.99 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 164.11 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

AG-956-12-05

Estimating 2006 Costs of Production
Double Crop, Furrow Irrigation, Conventional

AG-957-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 2.0000 | 9.50 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| Cstm ap air herbicid | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| Dual Magnum | pt | 12.19 | 1.5000 | 18.29 | _____ |
| Canopy SP | oz | 1.39 | 3.0000 | 4.17 | _____ |
| Storm | pt | 10.10 | 1.0000 | 10.11 | _____ |
| Select 2EC | oz | 1.44 | 4.0000 | 5.77 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| IRRIGATION SUPPLIES | | | | | |
| Flex irrigation tube | acre | 5.75 | 1.0000 | 5.75 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed Private | lb | 0.38 | 60.0000 | 22.80 | _____ |
| ADJUVANTS | | | | | |
| Surfactant | pt | 1.15 | 0.4000 | 0.46 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 45.0000 | 6.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.2373 | 1.92 | _____ |
| Tractors | hour | 8.12 | 0.6094 | 4.94 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| IRRIGATION LABOR | | | | | |
| Furrow Irrigation | hour | 8.12 | 0.3318 | 2.68 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 5.1150 | 11.25 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| Furrow Irrigation | gal | 2.20 | 12.0000 | 26.40 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 2.33 | 1.0000 | 2.33 | _____ |
| Tractors | acre | 1.76 | 1.0000 | 1.76 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| Furrow Irrigation | lac-in | 0.23 | 12.0000 | 2.76 | _____ |
| INTEREST ON OP. CAP. | acre | 5.53 | 1.0000 | 5.53 | _____ |
| TOTAL DIRECT EXPENSES | | | | 191.39 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 4.84 | 1.0000 | 4.84 | _____ |
| Tractors | acre | 12.90 | 1.0000 | 12.90 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| Furrow Irrigation | each | 2322.34 | 0.0083 | 19.35 | _____ |
| TOTAL FIXED EXPENSES | | | | 49.61 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 241.00 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Furrow Irrigation, Conventional, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 lb | | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Planter 8r@30" | 20' | 2WD 150 | 0.115 | 1.00 | Jun | 2.47 | 2.33 | 0.81 | 1.47 | 0.27 | 2.24 | | | | 9.32 |
| Soybean Seed Private lb | | | | | | | | | | | | 60.0000 | 0.38 | 22.80 | 22.80 |
| Row cult 8r@30" | 20' | 2WD 150 | 0.129 | 1.00 | Jun | 2.77 | 2.61 | 0.30 | 0.55 | 0.16 | 1.36 | | | | 7.59 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Dual Magnum pt | | | | | | | | | | | | 1.5000 | 12.19 | 18.29 | 18.29 |
| Canopy SP oz | | | | | | | | | | | | 3.0000 | 1.39 | 4.17 | 4.17 |
| Row cult 8r@30" | 20' | 2WD 150 | 0.129 | 1.00 | Jun | 2.77 | 2.61 | 0.30 | 0.55 | 0.16 | 1.36 | | | | 7.59 |
| Flex irrigation tube acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.75 | 5.75 | 5.75 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Storm pt | | | | | | | | | | | | 1.0000 | 10.10 | 10.11 | 10.11 |
| Surfactant pt | | | | | | | | | | | | 0.4000 | 1.15 | 0.46 | 0.46 |
| Cstm ap air insect acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Cstm ap air herbicid acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Select 2EC oz | | | | | | | | | | | | 4.0000 | 1.44 | 5.77 | 5.77 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul bu | | | | 1.00 | Oct | | | | | | | 45.0000 | 0.15 | 6.75 | 6.75 |
| Furrow Irrigation each | | | | 1.00 | Jul | | | | 19.35 | | | 0.0083 | | | 19.35 |
| Application 1 lac-in | | | | 1.00 | Jul | | | 7.29 | | 0.08 | 0.67 | 3.0000 | | | 7.96 |
| Application 2 lac-in | | | | 1.00 | Jul | | | 7.29 | | 0.08 | 0.67 | 3.0000 | | | 7.96 |
| Application 3 lac-in | | | | 1.00 | Aug | | | 7.29 | | 0.08 | 0.67 | 3.0000 | | | 7.96 |
| Application 4 lac-in | | | | 1.00 | Aug | | | 7.29 | | 0.08 | 0.67 | 3.0000 | | | 7.96 |
| TOTALS | | | | | | 20.14 | 25.42 | 31.49 | 24.19 | 1.34 | 10.89 | | | 123.34 | 235.47 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 5.53 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 241.00 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

Estimating 2006 Costs of Production

Double Crop, Border Irrigation, Conventional

AG-958-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 2.0000 | 9.50 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| Cstm ap air herbicid | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| Dual Magnum | pt | 12.19 | 1.5000 | 18.29 | _____ |
| Canopy SP | oz | 1.39 | 3.0000 | 4.17 | _____ |
| Storm | pt | 10.10 | 1.0000 | 10.11 | _____ |
| Select 2EC | oz | 1.44 | 4.0000 | 5.77 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| IRRIGATION SUPPLIES | | | | | |
| Flex irrigation tube | acre | 5.75 | 1.0000 | 5.75 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed Private | lb | 0.38 | 60.0000 | 22.80 | _____ |
| ADJUVANTS | | | | | |
| Surfactant | pt | 1.15 | 0.4000 | 0.46 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 45.0000 | 6.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.1500 | 1.22 | _____ |
| Tractors | hour | 8.12 | 0.4011 | 3.26 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| IRRIGATION LABOR | | | | | |
| Border Irrigation | hour | 8.12 | 0.2036 | 1.65 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 3.7155 | 8.18 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| Border Irrigation | gal | 2.20 | 9.0000 | 19.80 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 2.03 | 1.0000 | 2.03 | _____ |
| Tractors | acre | 1.33 | 1.0000 | 1.33 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| Border Irrigation | lac-in | 0.23 | 9.0000 | 2.07 | _____ |
| INTEREST ON OP. CAP. | acre | 4.99 | 1.0000 | 4.99 | _____ |
| TOTAL DIRECT EXPENSES | | | | 176.35 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 4.86 | 1.0000 | 4.86 | _____ |
| Tractors | acre | 9.91 | 1.0000 | 9.91 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| Border Irrigation | each | 2322.34 | 0.0083 | 19.35 | _____ |
| TOTAL FIXED EXPENSES | | | | 46.64 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 222.99 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless
 of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Border Irrigation, Conventional, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 lb | | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Jun | 2.13 | 2.30 | 0.94 | 2.18 | 0.18 | 1.54 | | | | 9.09 |
| Soybean Seed Private lb | | | | | | | | | | | | 60.0000 | 0.38 | 22.80 | 22.80 |
| Cstm ap grd herbicide acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Dual Magnum pt | | | | | | | | | | | | 1.5000 | 12.19 | 18.29 | 18.29 |
| Canopy SP oz | | | | | | | | | | | | 3.0000 | 1.39 | 4.17 | 4.17 |
| Levee disk-build 9' | | 2WD 170 | 0.196 | 0.50 | Jul | 2.38 | 2.26 | 0.17 | 0.41 | 0.12 | 1.04 | | | | 6.26 |
| Flex irrigation tube acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.75 | 5.75 | 5.75 |
| Cstm ap grd herbicide acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Storm pt | | | | | | | | | | | | 1.0000 | 10.10 | 10.11 | 10.11 |
| Surfactant pt | | | | | | | | | | | | 0.4000 | 1.15 | 0.46 | 0.46 |
| Cstm ap air insect acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Cstm ap air herbicide acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Select 2EC oz | | | | | | | | | | | | 4.0000 | 1.44 | 5.77 | 5.77 |
| Combine 4WD Soybean 25' | | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul bu | | | | 1.00 | Oct | | | | | | | 45.0000 | 0.15 | 6.75 | 6.75 |
| Border Irrigation each | | | | 1.00 | Jul | | | | 19.35 | | | 0.0083 | | | 19.35 |
| Application 1 lac-in | | | | 1.00 | Jul | | | 7.29 | | 0.06 | 0.55 | 3.0000 | | | 7.84 |
| Application 2 lac-in | | | | 1.00 | Aug | | | 7.29 | | 0.06 | 0.55 | 3.0000 | | | 7.84 |
| Application 3 lac-in | | | | 1.00 | Aug | | | 7.29 | | 0.06 | 0.55 | 3.0000 | | | 7.84 |
| TOTALS | | | | | | 16.64 | 22.43 | 23.90 | 24.21 | 0.92 | 7.48 | | | 123.34 | 218.00 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 4.99 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 222.99 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

Estimating 2006 Costs of Production Double Crop, Center Pivot, Conventional

AG-959 -12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 2.0000 | 9.50 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| Cstm ap air herbicid | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| Dual Magnum | pt | 12.19 | 1.5000 | 18.29 | _____ |
| Canopy SP | oz | 1.39 | 3.0000 | 4.17 | _____ |
| Storm | pt | 10.10 | 1.0000 | 10.11 | _____ |
| Select 2EC | oz | 1.44 | 4.0000 | 5.77 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed Private | lb | 0.38 | 60.0000 | 22.80 | _____ |
| ADJUVANTS | | | | | |
| Surfactant | pt | 1.15 | 0.4000 | 0.46 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 45.0000 | 6.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.1304 | 1.06 | _____ |
| Tractors | hour | 8.12 | 0.2933 | 2.38 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| IRRIGATION LABOR | | | | | |
| Center Pivot | hour | 8.12 | 0.1624 | 1.33 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 2.7722 | 6.10 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| Center Pivot | gal | 2.20 | 14.0000 | 30.80 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 1.86 | 1.0000 | 1.86 | _____ |
| Tractors | acre | 1.03 | 1.0000 | 1.03 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| Center Pivot | lac-in | 0.93 | 7.0000 | 6.58 | _____ |
| INTEREST ON OP. CAP. | acre | 5.10 | 1.0000 | 5.10 | _____ |
| TOTAL DIRECT EXPENSES | | | | 182.31 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 4.45 | 1.0000 | 4.45 | _____ |
| Tractors | acre | 7.65 | 1.0000 | 7.65 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| Center Pivot | each | 7431.49 | 0.0083 | 61.93 | _____ |
| TOTAL FIXED EXPENSES | | | | 86.55 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 268.86 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless
 of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Center Pivot, Conventional, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 lb | | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Jun | 2.13 | 2.30 | 0.94 | 2.18 | 0.18 | 1.54 | | | | 9.09 |
| Soybean Seed Private lb | | | | | | | | | | | | 60.0000 | 0.38 | 22.80 | 22.80 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Dual Magnum | pt | | | | | | | | | | | 1.5000 | 12.19 | 18.29 | 18.29 |
| Canopy SP | oz | | | | | | | | | | | 3.0000 | 1.39 | 4.17 | 4.17 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Storm | pt | | | | | | | | | | | 1.0000 | 10.10 | 10.11 | 10.11 |
| Surfactant | pt | | | | | | | | | | | 0.4000 | 1.15 | 0.46 | 0.46 |
| Cstm ap air insect acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Cstm ap air herbicid acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Select 2EC | oz | | | | | | | | | | | 4.0000 | 1.44 | 5.77 | 5.77 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul | bu | | | 1.00 | Oct | | | | | | | 45.0000 | 0.15 | 6.75 | 6.75 |
| Center Pivot | each | | | 1.00 | Jul | | | | 61.93 | | | 0.0083 | | | 61.93 |
| Application 1 | lac-in | | | 1.00 | Jul | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 2 | lac-in | | | 1.00 | Jul | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 3 | lac-in | | | 1.00 | Jul | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 4 | lac-in | | | 1.00 | Aug | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 5 | lac-in | | | 1.00 | Aug | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 6 | lac-in | | | 1.00 | Aug | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| Application 7 | lac-in | | | 1.00 | Sep | | | 5.34 | | 0.02 | 0.19 | 1.0000 | | | 5.53 |
| TOTALS | | | | | | 14.26 | 20.17 | 39.24 | 66.38 | 0.75 | 6.12 | | | 117.59 | 263.76 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 5.10 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 268.86 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

Estimating 2006 Costs of Production
Double Crop, Flood Irrigation, Conventional

AG-960-12-05

C. Robert Stark, Jr., Associate Professor-Agriculture Economics
UA Cooperative Extension Service/UAM Division of Agriculture
Chris Tingle, Extension Agronomist-Soybeans

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| DIRECT EXPENSES | | | | | |
| CUSTOM SPRAY | | | | | |
| Cstm ap grd herbicid | acre | 4.75 | 2.0000 | 9.50 | _____ |
| Cstm ap air insect | acre | 5.50 | 1.0000 | 5.50 | _____ |
| Cstm ap air herbicid | acre | 5.50 | 1.0000 | 5.50 | _____ |
| FERTILIZERS | | | | | |
| 0-20-30 | lb | 0.13 | 150.0000 | 20.03 | _____ |
| HERBICIDES | | | | | |
| Dual Magnum | pt | 12.19 | 1.5000 | 18.29 | _____ |
| Canopy SP | oz | 1.39 | 3.0000 | 4.17 | _____ |
| Storm | pt | 10.10 | 1.0000 | 10.11 | _____ |
| Select 2EC | oz | 1.44 | 4.0000 | 5.77 | _____ |
| INSECTICIDES | | | | | |
| Methyl Parathion 4EC | pt | 3.96 | 1.0000 | 3.96 | _____ |
| SEED/PLANTS | | | | | |
| Soybean Seed Private | lb | 0.38 | 60.0000 | 22.80 | _____ |
| ADJUVANTS | | | | | |
| Surfactant | pt | 1.15 | 0.4000 | 0.46 | _____ |
| CUSTOM FERT/LIME | | | | | |
| Cstm ap grd fert dry | acre | 4.75 | 1.0000 | 4.75 | _____ |
| CUSTOM HARVEST/HAUL | | | | | |
| Cstm Haul | bu | 0.15 | 45.0000 | 6.75 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.12 | 0.2460 | 2.01 | _____ |
| Tractors | hour | 8.12 | 0.9292 | 7.55 | _____ |
| Self-Propelled | hour | 8.12 | 0.1660 | 1.35 | _____ |
| IRRIGATION LABOR | | | | | |
| Flood Irr. Soybeans | hour | 8.12 | 0.1005 | 0.81 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.20 | 7.8146 | 17.19 | _____ |
| Self-Propelled | gal | 2.20 | 1.7098 | 3.76 | _____ |
| Flood Irr. Soybeans | gal | 2.20 | 10.0000 | 22.00 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | acre | 2.35 | 1.0000 | 2.35 | _____ |
| Tractors | acre | 2.73 | 1.0000 | 2.73 | _____ |
| Self-Propelled | acre | 3.37 | 1.0000 | 3.37 | _____ |
| Flood Irr. Soybeans | lac-in | 0.19 | 10.0000 | 1.99 | _____ |
| INTEREST ON OP. CAP. | acre | 5.25 | 1.0000 | 5.25 | _____ |
| TOTAL DIRECT EXPENSES | | | | 187.95 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | acre | 6.15 | 1.0000 | 6.15 | _____ |
| Tractors | acre | 20.29 | 1.0000 | 20.29 | _____ |
| Self-Propelled | acre | 12.52 | 1.0000 | 12.52 | _____ |
| Flood Irr. Soybeans | each | 2322.34 | 0.0083 | 19.35 | _____ |
| TOTAL FIXED EXPENSES | | | | 58.31 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 246.26 | _____ |

Visit our web site at: <http://www.uaex.edu>

View or print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/budgets/default.asp>

University of Arkansas, United States Department of Agriculture and County Governments Cooperating
 The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Double Crop, Soybeans, Flood Irrigation, Conventional, 2006

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Cstm ap grd fert dry acre | | | | 1.00 | Oct | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| 0-20-30 lb | | | | | | | | | | | | 150.0000 | 0.13 | 20.03 | 20.03 |
| Disk, medium cut | 26.41' | MFWD 190 | 0.082 | 1.00 | Jun | 2.26 | 2.42 | 0.44 | 1.14 | 0.10 | 0.86 | | | | 7.12 |
| Field cultivator | 29.58' | MFWD 190 | 0.047 | 1.00 | Jun | 1.30 | 1.39 | 0.21 | 0.50 | 0.06 | 0.50 | | | | 3.90 |
| Triple K | 26.57' | MFWD 190 | 0.052 | 1.00 | Jun | 1.44 | 1.54 | 0.27 | 0.63 | 0.06 | 0.54 | | | | 4.42 |
| Grain Drill | 20' | MFWD 170 | 0.094 | 1.00 | Jun | 2.13 | 2.30 | 0.94 | 2.18 | 0.18 | 1.54 | | | | 9.09 |
| Soybean Seed Private lb | | | | | | | | | | | | 60.0000 | 0.38 | 22.80 | 22.80 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jun | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Dual Magnum | pt | | | | | | | | | | | 1.5000 | 12.19 | 18.29 | 18.29 |
| Canopy SP | oz | | | | | | | | | | | 3.0000 | 1.39 | 4.17 | 4.17 |
| Land float | 16'x56' | MFWD 190 | 0.138 | 2.00 | Jul | 7.62 | 8.15 | 0.19 | 0.80 | 0.35 | 2.92 | | | | 19.68 |
| Levee disk-build | 9' | 2WD 170 | 0.196 | 0.15 | Jul | 0.71 | 0.68 | 0.05 | 0.12 | 0.03 | 0.31 | | | | 1.87 |
| Blade, rear mount | 8' | 2WD 75 | 1.550 | 0.05 | Jul | 0.80 | 0.55 | 0.03 | 0.15 | 0.10 | 0.82 | | | | 2.35 |
| Levee disk-knock dwn | 9' | 2WD 170 | 0.196 | 0.10 | Jul | 0.48 | 0.45 | 0.03 | 0.08 | 0.02 | 0.21 | | | | 1.25 |
| Cstm ap grd herbicid acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 4.75 | 4.75 | 4.75 |
| Storm | pt | | | | | | | | | | | 1.0000 | 10.10 | 10.11 | 10.11 |
| Surfactant | pt | | | | | | | | | | | 0.4000 | 1.15 | 0.46 | 0.46 |
| Cstm ap air insect acre | | | | 1.00 | Jul | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Methyl Parathion 4EC pt | | | | | | | | | | | | 1.0000 | 3.96 | 3.96 | 3.96 |
| Levee disk-build | 9' | 2WD 170 | 0.196 | 0.15 | Aug | 0.71 | 0.68 | 0.05 | 0.12 | 0.03 | 0.31 | | | | 1.87 |
| Blade, rear mount | 8' | 2WD 75 | 1.550 | 0.05 | Aug | 0.80 | 0.55 | 0.03 | 0.15 | 0.10 | 0.82 | | | | 2.35 |
| Levee disk-knock dwn | 9' | 2WD 170 | 0.196 | 0.10 | Aug | 0.48 | 0.45 | 0.03 | 0.08 | 0.02 | 0.21 | | | | 1.25 |
| Cstm ap air herbicid acre | | | | 1.00 | Aug | | | | | | | 1.0000 | 5.50 | 5.50 | 5.50 |
| Select 2EC | oz | | | | | | | | | | | 4.0000 | 1.44 | 5.77 | 5.77 |
| Levee disk-build | 9' | 2WD 170 | 0.196 | 0.15 | Sep | 0.71 | 0.68 | 0.05 | 0.12 | 0.03 | 0.31 | | | | 1.87 |
| Blade, rear mount | 8' | 2WD 75 | 1.550 | | Sep | | | | | | | | | | |
| Levee disk-knock dwn | 9' | 2WD 170 | 0.196 | 0.10 | Sep | 0.48 | 0.45 | 0.03 | 0.08 | 0.02 | 0.21 | | | | 1.25 |
| Combine 4WD Soybean | 25' | | 0.166 | 1.00 | Oct | 7.13 | 12.52 | | | 0.16 | 1.35 | | | | 21.00 |
| Cstm Haul | bu | | | 1.00 | Oct | | | | | | | 45.0000 | 0.15 | 6.75 | 6.75 |
| Flood Irr. Soybeans | each | | | 1.00 | Jul | | | | 19.35 | | | 0.0083 | | | 19.35 |
| Application 1 | lac-in | | | 1.00 | Jul | | | 9.59 | | 0.04 | 0.33 | 4.0000 | | | 9.92 |
| Application 2 | lac-in | | | 1.00 | Aug | | | 7.20 | | 0.03 | 0.24 | 3.0000 | | | 7.44 |
| Application 3 | lac-in | | | 1.00 | Sep | | | 7.20 | | 0.03 | 0.24 | 3.0000 | | | 7.44 |
| TOTALS | | | | | | 27.05 | 32.81 | 26.34 | 25.50 | 1.44 | 11.72 | | | 117.59 | 241.01 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 5.25 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 246.26 |

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.