

**CORN - CONVENTIONAL TILLAGE, 120 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>PRICE</b>	<b>AMOUNT</b>	<b>YOUR FARM</b>
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	120	\$3.40	\$408.00	_____
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.3	\$95.00	\$28.50	_____
SEED TREATMENT	INSECTICIDE	ACRE	1	\$7.00	\$7.00	_____
FERTILIZER	N (UREA)	LB.	125	\$0.31	\$38.75	_____
	P2O5	LB.	50	\$0.32	\$16.00	_____
	K2O	LB.	50	\$0.22	\$11.00	_____
LIME	AG LIMESTONE	TON	0.5	\$23.00	\$11.50	_____
WEED CONTROL(3)						_____
BICEP II MAGNUM	5.5#/GAL.	QT.	2.1	\$10.00	\$21.00	_____
MACHINERY REPAIR		AC.	1	\$14.96	\$14.96	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$13.41	\$13.41	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$162.12	8.00%	\$6.48	_____
TOTAL VARIABLE EXPENSES					\$168.61	_____
RETURN ABOVE VARIABLE EXPENSES					\$239.39	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$24.59	\$24.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$11.90	\$11.90	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$202.90	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.80	\$8.50	\$6.80	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$196.10	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) AN IN-FURROW INSECTICIDE OR INSECTICIDE SEED TREATMENT IS NOT INCLUDED.
- (2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 21,600 PLANTS PER ACRE.
- (3) IF JOHNSONGRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. .37 POUNDS ACTIVE INGREDIENTS OF ATRAZINE COULD BE ADDED ON NON-HIGHLY ERODIBLE SOILS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT  
ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**CORN - CONVENTIONAL TILLAGE, 150 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	150	\$3.40	\$510.00	_____
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	28 THOUSAND SEEDS	BAG	0.35	\$95.00	\$33.25	_____
SEED TREATMENT	INSECTICIDE	ACRE	1	\$7.00	\$7.00	_____
FERTILIZER	N (UREA)	LB.	170	\$0.31	\$52.70	_____
	P2O5	LB.	70	\$0.32	\$22.40	_____
	K2O	LB.	70	\$0.22	\$15.40	_____
LIME	AG LIMESTONE	TON	0.5	\$23.00	\$11.50	_____
WEED CONTROL(3)						_____
BICEP II MAGNUM	5.5#/GAL.	QT.	2.1	\$10.00	\$21.00	_____
MACHINERY REPAIR		AC.	1	\$14.96	\$14.96	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$13.41	\$13.41	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$191.62	8.00%	\$7.66	_____
TOTAL VARIABLE EXPENSES					\$199.29	_____
RETURN ABOVE VARIABLE EXPENSES					\$310.71	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$24.59	\$24.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$11.90	\$11.90	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$274.22	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.80	\$8.50	\$6.80	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$267.42	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) AN IN-FURROW INSECTICIDE OR INSECTICIDE SEED TREATMENT IS NOT INCLUDED.
- (2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 25,200 PLANTS PER ACRE.
- (3) IF JOHNSONGRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. .37 POUNDS ACTIVE INGREDIENTS OF ATRAZINE COULD BE ADDED ON NON-HIGHLY ERODIBLE SOILS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT  
ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**CORN - NO TILLAGE, 120 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	120	\$3.40	\$408.00	_____
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.3	\$95.00	\$28.50	_____
SEED TREATMENT	INSECTICIDE	ACRE	1	\$7.00	\$7.00	_____
FERTILIZER	N (UREA)	LB.	125	\$0.31	\$38.75	_____
	P2O5	LB.	50	\$0.32	\$16.00	_____
	K2O	LB.	50	\$0.22	\$11.00	_____
LIME	AG LIMESTONE	TON	0.5	\$23.00	\$11.50	_____
WEED CONTROL(3)						
BURNDOWN	GRAMOXONE MAX	PT.	1.25	\$4.91	\$6.14	_____
	SURFACTANT (80% ACT.)	PT.	0.2	\$1.75	\$0.35	_____
PRE-EMERGE	BICEP II MAGNUM	QT.	2.1	\$10.00	\$21.00	_____
	ATRAZINE 4L	OZ.	11.84	\$0.07	\$0.83	_____
MACHINERY REPAIR		AC.	1	\$10.70	\$10.70	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$7.93	\$7.93	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$159.70	8.00%	\$6.39	_____
TOTAL VARIABLE EXPENSES					\$166.09	_____
RETURN ABOVE VARIABLE EXPENSES					\$241.91	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$19.15	\$19.15	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$8.34	\$8.34	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$214.43	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.51	\$8.50	\$4.37	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$210.06	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

(1) AN IN-FURROW INSECTICIDE OR INSECTICIDE SEED TREATMENT IS NOT INCLUDED.

(2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 21,600 PLANTS PER ACRE.

(3) IF JOHNSONGRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT

ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**CORN - NO TILLAGE, 150 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	150	\$3.40	\$510.00	_____
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	28 THOUSAND SEEDS	BAG	0.35	\$95.00	\$33.25	_____
SEED TREATMENT	INSECTICIDE	ACRE	1	\$7.00	\$7.00	_____
FERTILIZER	N (UREA)	LB.	170	\$0.31	\$52.70	_____
	P2O5	LB.	70	\$0.32	\$22.40	_____
	K2O	LB.	70	\$0.22	\$15.40	_____
LIME	AG LIMESTONE	TON	0.5	\$23.00	\$11.50	_____
WEED CONTROL(3)						
BURNDOWN	GRAMOXONE MAX	PT.	1.25	\$4.91	\$6.14	_____
	SURFACTANT (80% ACT.)	PT.	0.2	\$1.75	\$0.35	_____
PRE-EMERGE	BICEP II MAGNUM	QT.	2.1	\$10.00	\$21.00	_____
	ATRAZINE 4L	OZ.	11.84	\$0.07	\$0.83	_____
MACHINERY REPAIR		AC.	1	\$10.70	\$10.70	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$7.93	\$7.93	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$189.20	8.00%	\$7.57	_____
TOTAL VARIABLE EXPENSES					\$196.77	_____
RETURN ABOVE VARIABLE EXPENSES					\$313.23	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$19.15	\$19.15	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$8.34	\$8.34	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$285.75	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.51	\$8.50	\$4.37	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$281.38	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) AN IN-FURROW INSECTICIDE OR INSECTICIDE SEED TREATMENT IS NOT INCLUDED.
- (2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 25,200 PLANTS PER ACRE.
- (3) IF JOHNSONGRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS.

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JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT  
ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**COTTON, ROUNDUP READY - CONVENTIONAL TILLAGE, 850 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>PRICE</b>	<b>AMOUNT</b>	<b>YOUR FARM</b>
<b>REVENUE</b>						
COTTON(1)(2)	LINT	LB.	850	\$0.55	\$467.50	_____
<b>VARIABLE EXPENSES</b>						
SEED (3)	3.5 SEEDS/FOOT	THOUS	48.145	\$0.40	\$19.26	_____
TECH FEE (4)	ROUNDUP READY	ACRE	1	\$27.00	\$27.00	_____
FUNGICIDE	SEED TREATMENT	ACRE	1	\$6.50	\$6.50	_____
INSECTICIDE(5)						
SEED TREATMENT		ACRE	1	\$8.20	\$8.20	_____
IN-SEASON INSECTICIDES(6):		ACRE	1	\$40.00	\$40.00	_____
FERTILIZER	N (UREA)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	90	\$0.22	\$19.80	_____
BORON		LB.	0.5	\$3.85	\$1.93	_____
LIME		TON	0.5	\$23.00	\$11.50	_____
HERBICIDES:						
PRE-EMERG	COTORAN 4L	PT.	2	\$5.15	\$10.30	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
OVER THE TOP	DUAL MAGNUM	PT.	1	\$11.90	\$11.90	_____
POST DIRECT	ROUNDUP ORIGINAL MAX	PT.	1.2	\$2.84	\$3.41	_____
POST-EMERGE	DIURON (DIRECTED)	LB.	0.375	\$4.05	\$1.52	_____
POST-EMERGE	ROUNDUP ORIGINAL MAX	PT.	1	\$2.84	\$2.84	_____
GROWTH REGULATOR	MEPEX (Mepiquat Chloride)	PT.	2	\$2.70	\$5.40	_____
SCOUTING		ACRE	1	\$7.00	\$7.00	_____
DEFOLIANT		OZ.	12	\$0.33	\$3.96	_____
BOLL OPENER	ETHEPHON	OZ.	32	\$0.25	\$8.00	_____
MACHINERY REPAIR		AC.	1	\$40.28	\$40.28	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$37.10	\$37.10	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$323.23	8.00%	\$12.93	_____
TOTAL VARIABLE EXPENSES					\$336.16	_____
RETURN ABOVE VARIABLE EXPENSES					\$131.34	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$49.89	\$49.89	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$28.39	\$28.39	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$53.06	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.92	\$8.50	\$16.34	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$36.72	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) A SECOND HARVEST MAY ADD AS MUCH AS \$25/ACRE TO VARIABLE EXPENSES.
- (3) SEED COST VARIES PER VARIETY AND SEED SIZE.
- (4) TECH FEES MAY VARY AND WILL HAVE A CAP PER ACRE.
- (5) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (6) IN-SEASON PER ACRE COST INCLUDES CHEMICAL EXPENSES FOR BOLLWORM AND SECONDARY SPRAY, PLUS WEEVIL ERADICATION FEE (WEF).

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
 SAMUEL C. DANEHOWER, AREA SPECIALIST, FARM MANAGEMENT

**COTTON, ROUNDUP READY FLEX - CONVENTIONAL TILLAGE, 850 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT	YOUR FARM
<b>REVENUE</b>						
COTTON(1)(2)	LINT	LB.	850	\$0.55	\$467.50	_____
<b>VARIABLE EXPENSES</b>						
SEED (3)	3.5 SEEDS/FOOT	THOUS	48.145	\$0.47	\$22.63	_____
TECH FEE (4)	ROUNDUP READY	ACRE	1	\$38.00	\$38.00	_____
FUNGICIDE	SEED TREATMENT	ACRE	1	\$6.50	\$6.50	_____
INSECTICIDE(5)						_____
SEED TREATMENT		ACRE	1	\$8.20	\$8.20	_____
IN-SEASON INSECTICIDES(6):		ACRE	1	\$40.00	\$40.00	_____
FERTILIZER	N (UREA)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	90	\$0.22	\$19.80	_____
BORON		LB.	0.5	\$3.85	\$1.93	_____
LIME		TON	0.5	\$23.00	\$11.50	_____
<b>HERBICIDES:</b>						
PRE-EMERGE	COTORAN 4L	PT.	2	\$5.15	\$10.30	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	DUAL MAGNUM	PT.	1	\$11.90	\$11.90	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
GROWTH REGULATOR	MEPEX (Mepiquat Chloride)	PT.	2	\$2.70	\$5.40	_____
SCOUTING		ACRE	1	\$7.00	\$7.00	_____
DEFOLIANT		OZ.	12	\$0.33	\$3.96	_____
BOLL OPENER	ETHEPHON	OZ.	32	\$0.25	\$8.00	_____
MACHINERY REPAIR		AC.	1	\$38.55	\$38.55	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$33.64	\$33.64	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$337.15	8.00%	\$13.49	_____
TOTAL VARIABLE EXPENSES					\$350.63	_____
RETURN ABOVE VARIABLE EXPENSES					\$116.87	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$48.45	\$48.45	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$27.34	\$27.34	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$41.08	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.74	\$8.50	\$14.83	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$26.25	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

## FOOTNOTES

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) A SECOND HARVEST MAY ADD AS MUCH AS \$25/ACRE TO VARIABLE EXPENSES.
- (3) SEED COST VARIES PER VARIETY AND SEED SIZE.
- (4) TECH FEES MAY VARY AND WILL HAVE A CAP PER ACRE.
- (5) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (6) IN-SEASON PER ACRE COST INCLUDES CHEMICAL EXPENSES FOR BOLLWORM AND SECONDARY SPRAY, PLUS WEEVIL ERADICATION FEE (WEF).

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
SAMUEL C. DANEHOWER, AREA SPECIALIST, FARM MANAGEMENT

**COTTON, BG II RR FLEX - NO TILLAGE, 850 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE. (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
COTTON(1)(2)	LINT	LB.	850	\$0.55	\$467.50	_____
<b>VARIABLE EXPENSES</b>						
SEED (3)	3.5 SEEDS/FOOT	THOUS	48.145	\$0.47	\$22.63	_____
TECH FEE (4)	ROUNDUP READY	ACRE	1	\$53.00	\$53.00	_____
FUNGICIDE	SEED TREATMENT	ACRE	1	\$6.50	\$6.50	_____
INSECTICIDE(5)						
SEED TREATMENT		ACRE	1	\$8.20	\$8.20	_____
IN-SEASON INSECTICIDES(6):		ACRE	1	\$30.00	\$30.00	_____
FERTILIZER	N (UREA)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	90	\$0.22	\$19.80	_____
BORON		LB.	0.5	\$3.85	\$1.93	_____
LIME		TON	0.5	\$23.00	\$11.50	_____
HERBICIDES:						
BURNDOWN	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
BURNDOWN	CLARITY	OZ.	8	\$0.56	\$4.48	_____
PRE-EMERGE	COTORAN 4L	PT.	2	\$5.15	\$10.30	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	DUAL MAGNUM	PT.	1	\$11.90	\$11.90	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
GROWTH REGULATOR	MEPEX (Mepiquat Chloride)	PT.	2	\$2.70	\$5.40	_____
SCOUTING		ACRE	1	\$7.00	\$7.00	_____
DEFOLIANT		OZ.	12	\$0.33	\$3.96	_____
BOLL OPENER	ETHEPHON	OZ.	32	\$0.25	\$8.00	_____
MACHINERY REPAIR		AC.	1	\$28.99	\$28.99	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$21.63	\$21.63	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$329.60	8.00%	\$13.18	_____
TOTAL VARIABLE EXPENSES					\$342.78	_____
RETURN ABOVE VARIABLE EXPENSES					\$124.72	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$36.82	\$36.82	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$19.73	\$19.73	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$68.16	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.12	\$8.50	\$9.53	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$58.64	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) A SECOND HARVEST MAY ADD AS MUCH AS \$25/ACRE TO VARIABLE EXPENSES.
- (3) SEED COST VARIES PER VARIETY AND SEED SIZE.
- (4) TECH FEES MAY VARY AND WILL HAVE A CAP PER ACRE.
- (5) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (6) IN-SEASON PER ACRE COST INCLUDES CHEMICAL EXPENSES FOR BOLLWORM AND SECONDARY SPRAY, PLUS WEEVIL ERADICATION FEE (WEF).

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SAMUEL C. DANEHOWER, AREA SPECIALIST, FARM MANAGEMENT

**COTTON, BG II RR FLEX- CONVENTIONAL TILLAGE, 850 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>PRICE</b>	<b>AMOUNT</b>	<b>YOUR FARM</b>
<b>REVENUE</b>						
COTTON(1)(2)	LINT	LB.	850	\$0.55	\$467.50	_____
<b>VARIABLE EXPENSES</b>						
SEED (3)	3.5 SEEDS/FOOT	THOUS	48.145	\$0.47	\$22.63	_____
TECH FEE (4)	ROUNDUP READY	ACRE	1	\$53.00	\$53.00	_____
FUNGICIDE	SEED TREATMENT	ACRE	1	\$6.50	\$6.50	_____
INSECTICIDE(5)						
SEED TREATMENT		ACRE	1	\$8.20	\$8.20	_____
IN-SEASON INSECTICIDES(6):		ACRE	1	\$30.00	\$30.00	_____
FERTILIZER	N (UREA)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	90	\$0.22	\$19.80	_____
BORON		LB.	0.5	\$3.85	\$1.93	_____
LIME		TON	0.5	\$23.00	\$11.50	_____
HERBICIDES:						
PRE-EMERGE	COTORAN 4L	PT.	2	\$5.15	\$10.30	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	DUAL MAGNUM	PT.	1	\$11.90	\$11.90	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
GROWTH REGULATOR	MEPEX (Mepiquat Chloride)	PT.	1.5	\$2.70	\$4.05	_____
SCOUTING		ACRE	1	\$7.00	\$7.00	_____
DEFOLIANT		OZ.	12	\$0.33	\$3.96	_____
BOLL OPENER	ETHEPHON	OZ.	24	\$0.25	\$6.00	_____
MACHINERY REPAIR		AC.	1	\$38.05	\$38.05	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$33.41	\$33.41	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$338.07	8.00%	\$13.52	_____
TOTAL VARIABLE EXPENSES					\$351.59	_____
RETURN ABOVE VARIABLE EXPENSES					\$115.91	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$47.61	\$47.61	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$26.82	\$26.82	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$41.48	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.73	\$8.50	\$14.72	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$26.75	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) A SECOND HARVEST MAY ADD AS MUCH AS \$25/ACRE TO VARIABLE EXPENSES.
- (3) SEED COST VARIES PER VARIETY AND SEED SIZE.
- (4) TECH FEES MAY VARY AND WILL HAVE A CAP PER ACRE.
- (5) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (6) IN-SEASON PER ACRE COST INCLUDES CHEMICAL EXPENSES FOR BOLLWORM AND SECONDARY SPRAY, PLUS WEEVIL ERADICATION FEE (WEF).
- ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
 SAMUEL C. DANEHOWER, AREA SPECIALIST, FARM MANAGEMENT



**COTTON, ROUNDUP READY - NO TILLAGE, 850 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE. (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
COTTON(1)(2)	LINT	LB.	850	\$0.55	\$467.50	_____
<b>VARIABLE EXPENSES</b>						
SEED (3)	3.5 SEEDS/FOOT	THOUS	48.145	\$0.40	\$19.26	_____
TECH FEE (4)	ROUNDUP READY	ACRE	1	\$27.00	\$27.00	_____
FUNGICIDE	SEED TREATMENT	ACRE	1	\$6.50	\$6.50	_____
INSECTICIDE(5)						
SEED TREATMENT		ACRE	1	\$8.20	\$8.20	_____
IN-SEASON INSECTICIDES(6):		ACRE	1	\$40.00	\$40.00	_____
FERTILIZER	N (UREA)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	90	\$0.22	\$19.80	_____
BORON		LB.	0.5	\$3.85	\$1.93	_____
LIME		TON	0.5	\$23.00	\$11.50	_____
HERBICIDES:						
BURNDOWN	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
BURNDOWN	CLARITY	OZ.	8	\$0.56	\$4.48	_____
PRE-EMERGE	COTORAN 4L	PT.	2	\$5.15	\$10.30	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
OVER THE TOP	DUAL MAGNUM	PT.	1	\$11.90	\$11.90	_____
POST DIRECT	ROUNDUP ORIGINAL MAX	PT.	1.2	\$2.84	\$3.41	_____
POST-EMERGE	DIURON	LB.	0.375	\$4.05	\$1.52	_____
POST-EMERGE	ROUNDUP ORIGINAL MAX	PT.	1	\$2.84	\$2.84	_____
GROWTH REGULATOR	MEPEX (Mepiquat Chloride)	PT.	2	\$2.70	\$5.40	_____
SCOUTING		ACRE	1	\$7.00	\$7.00	_____
DEFOLIANT		OZ.	12	\$0.33	\$3.96	_____
BOLL OPENER	ETHEPHON	OZ.	32	\$0.25	\$8.00	_____
MACHINERY REPAIR		AC.	1	\$31.22	\$31.22	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$25.32	\$25.32	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$311.42	8.00%	\$12.46	_____
TOTAL VARIABLE EXPENSES					\$323.87	_____
RETURN ABOVE VARIABLE EXPENSES					\$143.63	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$39.10	\$39.10	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$21.30	\$21.30	_____
	RETURN TO LAND, LABOR, MANAGEMENT, AND RISK				\$83.23	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.31	\$8.50	\$11.15	_____
	RETURN TO LAND, MANAGEMENT, AND RISK				\$72.09	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) A SECOND HARVEST MAY ADD AS MUCH AS \$25/ACRE TO VARIABLE EXPENSES.
- (3) SEED COST VARIES PER VARIETY AND SEED SIZE.
- (4) TECH FEES MAY VARY AND WILL HAVE A CAP PER ACRE.
- (5) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (6) IN-SEASON PER ACRE COST INCLUDES CHEMICAL EXPENSES FOR BOLLWORM AND SECONDARY SPRAY, PLUS WEEVIL ERADICATION FEE (WEF).

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
SAMUEL C. DANEHOWER, AREA SPECIALIST, FARM MANAGEMENT

**COTTON, ROUNDUP READY FLEX - NO TILLAGE, 850 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE	AMOUNT	YOUR FARM
<b>REVENUE</b>						
COTTON(1)(2)	LINT	LB.	850	\$0.55	\$467.50	_____
<b>VARIABLE EXPENSES</b>						
SEED (3)	3.5 SEEDS/FOOT	THOUS	48.145	\$0.47	\$22.63	_____
TECH FEE (4)	ROUNDUP READY	ACRE	1	\$38.00	\$38.00	_____
FUNGICIDE	SEED TREATMENT	ACRE	1	\$6.50	\$6.50	_____
INSECTICIDE(5)						
SEED TREATMENT		ACRE	1	\$8.20	\$8.20	_____
IN-SEASON INSECTICIDES(6):		ACRE	1	\$40.00	\$40.00	_____
FERTILIZER	N (UREA)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	90	\$0.22	\$19.80	_____
BORON		LB.	0.5	\$3.85	\$1.93	_____
LIME		TON	0.5	\$23.00	\$11.50	_____
HERBICIDES:						
BURNDOWN	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
BURNDOWN	CLARITY	OZ.	8	\$0.56	\$4.48	_____
PRE-EMERGE	COTORAN 4L	PT.	2	\$5.15	\$10.30	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	DUAL MAGNUM	PT.	1	\$11.90	\$11.90	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
GROWTH REGULATOR	MEPEX (Mepiquat Chloride)	PT.	2	\$2.70	\$5.40	_____
SCOUTING		ACRE	1	\$7.00	\$7.00	_____
DEFOLIANT		OZ.	12	\$0.33	\$3.96	_____
BOLL OPENER	ETHEPHON	OZ.	32	\$0.25	\$8.00	_____
MACHINERY REPAIR		AC.	1	\$29.49	\$29.49	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$21.86	\$21.86	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$325.33	8.00%	\$13.01	_____
TOTAL VARIABLE EXPENSES					\$338.34	_____
RETURN ABOVE VARIABLE EXPENSES					\$129.16	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$37.66	\$37.66	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$20.25	\$20.25	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$71.25	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.13	\$8.50	\$9.63	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$61.61	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) A SECOND HARVEST MAY ADD AS MUCH AS \$25/ACRE TO VARIABLE EXPENSES.
- (3) SEED COST VARIES PER VARIETY AND SEED SIZE.
- (4) TECH FEES MAY VARY AND WILL HAVE A CAP PER ACRE.
- (5) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (6) IN-SEASON PER ACRE COST INCLUDES CHEMICAL EXPENSES FOR BOLLWORM AND SECONDARY SPRAY, PLUS WEEVIL ERADICATION FEE (WEF).

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
SAMUEL C. DANEHOWER, AREA SPECIALIST, FARM MANAGEMENT

**COTTON, BGRR - NO TILLAGE, 850 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE. (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
COTTON(1)(2)	LINT	LB.	850	\$0.55	\$467.50	_____
<b>VARIABLE EXPENSES</b>						
SEED (3)	3.5 SEEDS/FOOT	THOUS	48.145	\$0.44	\$21.18	_____
TECH FEE (4)	ROUNDUP READY	ACRE	1	\$39.00	\$39.00	_____
FUNGICIDE	SEED TREATMENT	ACRE	1	\$6.50	\$6.50	_____
INSECTICIDE(5)						
SEED TREATMENT		ACRE	1	\$8.20	\$8.20	_____
IN-SEASON INSECTICIDES(6):		ACRE	1	\$34.00	\$34.00	_____
FERTILIZER	N (UREA)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	90	\$0.22	\$19.80	_____
BORON		LB.	0.5	\$3.85	\$1.93	_____
LIME		TON	0.5	\$23.00	\$11.50	_____
HERBICIDES:						
BURNDOWN	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
BURNDOWN	CLARITY	OZ.	8	\$0.56	\$4.48	_____
PRE-EMERGE	COTORAN 4L	PT.	2	\$5.15	\$10.30	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
OVER THE TOP	DUAL MAGNUM	PT.	1	\$11.90	\$11.90	_____
POST DIRECT	ROUNDUP ORIGINAL MAX	PT.	1.2	\$2.84	\$3.41	_____
POST-EMERGE	DIURON	LB.	0.375	\$4.05	\$1.52	_____
POST-EMERGE	ROUNDUP ORIGINAL MAX	PT.	1	\$2.84	\$2.84	_____
GROWTH REGULATOR	MEPEX (Mepiquat Chloride)	PT.	2	\$2.70	\$5.40	_____
SCOUTING		ACRE	1	\$7.00	\$7.00	_____
DEFOLIANT		OZ.	12	\$0.33	\$3.96	_____
BOLL OPENER	ETHEPHON	OZ.	32	\$0.25	\$8.00	_____
MACHINERY REPAIR		AC.	1	\$30.72	\$30.72	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$25.09	\$25.09	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$318.61	8.00%	\$12.74	_____
TOTAL VARIABLE EXPENSES					\$331.36	_____
RETURN ABOVE VARIABLE EXPENSES					\$136.14	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$38.26	\$38.26	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$20.78	\$20.78	_____
	RETURN TO LAND, LABOR, MANAGEMENT, AND RISK				\$77.10	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.30	\$8.50	\$11.04	_____
	RETURN TO LAND, MANAGEMENT, AND RISK				\$66.06	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) A SECOND HARVEST MAY ADD AS MUCH AS \$25/ACRE TO VARIABLE EXPENSES.
- (3) SEED COST VARIES PER VARIETY AND SEED SIZE.
- (4) TECH FEES MAY VARY AND WILL HAVE A CAP PER ACRE.
- (5) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (6) IN-SEASON PER ACRE COST INCLUDES CHEMICAL EXPENSES FOR BOLLWORM AND SECONDARY SPRAY, PLUS WEEVIL ERADICATION FEE (WEF).

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
SAMUEL C. DANEHOWER, AREA SPECIALIST, FARM MANAGEMENT

**COTTON, BG II RR FLEX - NO TILLAGE, 850 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE. (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
COTTON(1)(2)	LINT	LB.	850	\$0.55	\$467.50	_____
<b>VARIABLE EXPENSES</b>						
SEED (3)	3.5 SEEDS/FOOT	THOUS	48.145	\$0.47	\$22.63	_____
TECH FEE (4)	ROUNDUP READY	ACRE	1	\$53.00	\$53.00	_____
FUNGICIDE	SEED TREATMENT	ACRE	1	\$6.50	\$6.50	_____
INSECTICIDE(5)						
SEED TREATMENT		ACRE	1	\$8.20	\$8.20	_____
IN-SEASON INSECTICIDES(6):		ACRE	1	\$30.00	\$30.00	_____
FERTILIZER	N (UREA)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	90	\$0.22	\$19.80	_____
BORON		LB.	0.5	\$3.85	\$1.93	_____
LIME		TON	0.5	\$23.00	\$11.50	_____
HERBICIDES:						
BURNDOWN	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
BURNDOWN	CLARITY	OZ.	8	\$0.56	\$4.48	_____
PRE-EMERGE	COTORAN 4L	PT.	2	\$5.15	\$10.30	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	DUAL MAGNUM	PT.	1	\$11.90	\$11.90	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
OVER THE TOP	ROUNDUP ORIGINAL MAX	PT.	2	\$2.84	\$5.68	_____
GROWTH REGULATOR	MEPEX (Mepiquat Chloride)	PT.	2	\$2.70	\$5.40	_____
SCOUTING		ACRE	1	\$7.00	\$7.00	_____
DEFOLIANT		OZ.	12	\$0.33	\$3.96	_____
BOLL OPENER	ETHEPHON	OZ.	32	\$0.25	\$8.00	_____
MACHINERY REPAIR		AC.	1	\$28.99	\$28.99	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$21.63	\$21.63	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$329.60	8.00%	\$13.18	_____
TOTAL VARIABLE EXPENSES					\$342.78	_____
RETURN ABOVE VARIABLE EXPENSES					\$124.72	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$36.82	\$36.82	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$19.73	\$19.73	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$68.16	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.12	\$8.50	\$9.53	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$58.64	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) A SECOND HARVEST MAY ADD AS MUCH AS \$25/ACRE TO VARIABLE EXPENSES.
- (3) SEED COST VARIES PER VARIETY AND SEED SIZE.
- (4) TECH FEES MAY VARY AND WILL HAVE A CAP PER ACRE.
- (5) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (6) IN-SEASON PER ACRE COST INCLUDES CHEMICAL EXPENSES FOR BOLLWORM AND SECONDARY SPRAY, PLUS WEEVIL ERADICATION FEE (WEF).

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
SAMUEL C. DANEHOWER, AREA SPECIALIST, FARM MANAGEMENT

**GRAIN SORGHUM - CONVENTIONAL TILLAGE, 90 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>PRICE</b>	<b>AMOUNT</b>	<b>YOUR FARM</b>
<b>REVENUE</b>						
GRAIN SORGHUM(1)	GRAIN	BU.	90	\$3.15	\$283.50	_____
<b>VARIABLE EXPENSES</b>						
SEED	SEEDING RATE	LB.	6	\$1.14	\$6.84	_____
SEED TREATMENT	INSECTICIDE	ACRE	1	\$5.00	\$5.00	_____
FERTILIZER	N (UREA)	LB.	100	\$0.31	\$31.00	_____
	P2O5	LB.	50	\$0.32	\$16.00	_____
	K2O	LB.	50	\$0.22	\$11.00	_____
LIME	AG LIMESTONE	TON	0.5	\$23.00	\$11.50	_____
WEED CONTROL(2)						_____
BICEP II MAGNUM	5.5#/GAL.	QT.	2.1	\$10.00	\$21.00	_____
MACHINERY REPAIR		AC.	1	\$14.96	\$14.96	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$13.41	\$13.41	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$130.71	8.00%	\$5.23	_____
TOTAL VARIABLE EXPENSES					\$135.94	_____
RETURN ABOVE VARIABLE EXPENSES					\$147.56	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$24.59	\$24.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$11.90	\$11.90	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$111.07	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.80	\$8.50	\$6.80	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$104.27	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

(1) LATE PLANTED SORGHUM IS SUSCEPTIBLE TO SORGHUM MIDGE AND MUST BE SCOUTED FOR POSSIBLE TREATMENT.

(2) DO NOT USE BICEP II MANGUM, DUAL II MANGUM OR GUARDSMAN MAX PRE UNLESS YOU PLANT SEED THAT HAS BEEN SAFENED WITH CONCEP OR SCREEN. DO NOT USE LARIAT, BULLET OR LASSO PRE UNLESS YOU PLANT SEED THAT HS BEEN SAFENED WITH A SEED SAFENER CONTAINING THE ACTIVE INGREDIENT FLURAZOLE.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT

ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**GRAIN SORGHUM - NO TILLAGE, 90 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
GRAIN SORGHUM(1)	GRAIN	BU.	90	\$3.15	\$283.50	_____
<b>VARIABLE EXPENSES</b>						
SEED	SEEDING RATE	LB.	6	\$1.14	\$6.84	_____
SEED TREATMENT	INSECTICIDE	ACRE	1	\$5.00	\$5.00	_____
FERTILIZER	N (UREA)	LB.	100	\$0.31	\$31.00	_____
	P2O5	LB.	50	\$0.32	\$16.00	_____
	K2O	LB.	50	\$0.22	\$11.00	_____
LIME	AG LIMESTONE	TON	0.5	\$23.00	\$11.50	_____
<b>WEED CONTROL(2)</b>						
BURNDOWN	GRAMOXONE MAX	PT.	1.25	\$4.91	\$6.14	_____
	SURFACTANT (80% ACT.)	PT.	0.2	\$1.75	\$0.35	_____
PRE-EMERGE	BICEP II MAGNUM	QT.	2.1	\$10.00	\$21.00	_____
	ATRAZINE 4L	OZ.	11.84	\$0.07	\$0.83	_____
	CROP OIL CONCENTRATE	PT.	2	0.85	\$1.70	_____
MACHINERY REPAIR		AC.	1	\$10.70	\$10.70	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$7.93	\$7.93	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$129.99	8.00%	\$5.20	_____
TOTAL VARIABLE EXPENSES					\$135.19	_____
RETURN ABOVE VARIABLE EXPENSES					\$148.31	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$19.15	\$19.15	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$8.34	\$8.34	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$120.83	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.51	\$8.50	\$4.37	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$116.46	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

(1) LATE PLANTED SORGHUM IS SUSCEPTIBLE TO SORGHUM MIDGE AND MUST BE SCOUTED FOR POSSIBLE TREATMENT.

(2) DO NOT USE BICEP II MANGUM, DUAL II MANGUM OR GUARDSMAN MAX PRE UNLESS YOU PLANT SEED THAT HAS BEEN SAFENED WITH CONCEP OR SCREEN. DO NOT USE LARIAT, BULLET OR LASSO PRE UNLESS YOU PLANT SEED THAT HS BEEN SAFENED WITH A SEED SAFENER CONTAINING THE ACTIVE INGREDIENT FLURAZOLE.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT

ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**SOYBEANS - ROUNDUP READY, NO TILLAGE, 40 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	40	\$6.55	\$262.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40	-\$0.033	-\$1.31	_____
<b>VARIABLE EXPENSES (1)</b>						
SEED (2)	6-8 PLANTS/FT.	LB.	50	\$0.62	\$31.00	_____
SEED TREATMENT	APRONMAXX	BU.	0.83	\$3.60	\$2.99	_____
FERTILIZER	P2O5	LB.	20	\$0.32	\$6.40	_____
	K2O	LB.	40	\$0.22	\$8.80	_____
LIME	2 TONS EVERY 4 YEARS	TON	0.5	\$23.00	\$11.50	_____
WEED CONTROL(3) (4)						
BURNDOWN (5) (6)	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
PRE-EMERGE	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
INSECTICIDE		AC.	1	\$5.00	\$5.00	_____
FUNGICIDE		AC.	1	\$10.50	\$10.50	_____
MACHINERY REPAIR		AC.	1	\$10.28	\$10.28	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$7.92	\$7.92	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$103.48	8.00%	\$4.14	_____
TOTAL VARIABLE EXPENSES					\$107.61	_____
RETURN ABOVE VARIABLE EXPENSES					\$153.08	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$18.24	\$18.24	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$8.58	\$8.58	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$126.25	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.51	\$8.50	\$4.30	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$121.96	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

(1) ASSUMES NORMAL CROP ROTATION WITH MINIMUM WEED INFESTATION. A CONTINUOUS SOYBEAN SYSTEM MAY REQUIRE ADDITIONAL EXPENSES FOR CHEMICALS OR LAND PREPARATION.

(2) SEED PRICE INCLUDES TECHNOLOGY FEE.

(3) WEED CONTROL CHEMICALS SHOULD BE SELECTED FOR SPECIFIC WEED OR GRASS PROBLEMS WHICH ARE PRESENT. (FOR HEAVY INFESTATIONS, USE 1.67 PINTS OF GRAMOXONE MAX.)

(4) THE ADDITION OF DICAMBRA @ 8 OZ./ACRE IS NECESSARY TO MANAGE GLYPHOSATE RESISTANT HORSEWEED. THIS ADDS AN ADDITIONAL \$5.50/ACRE TO THE BURNDOWN SPRAY COST.

(5) FOR AN ALTERNATE CONTROL, USE GRAMOXONE MAX (1.25 PTS., COST OF \$5.55/ACRE) PLUS A SURFACTANT (\$0.48/ACRE).  
SEE PUB1580, "2001 WEED CONTROL MANUAL FOR TENNESSEE", PAGE 6.

(6) SEVERAL OTHER VERSIONS OF GLYPHOSATE, THE ACTIVE INGREDIENT IN ROUNDUP ULTRAMAX ARE AVAILABLE. CHECK LABEL FOR CONCENTRATION, RATES, AND REGISTRATION ON ROUNDUP READY SOYBEANS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT  
ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**WHEAT CONVENTIONAL TILLAGE, 55 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
WHEAT(1)	GRAIN	BU.	55	\$3.90	\$214.50	_____
<b>VARIABLE EXPENSES</b>						
SEED	TREATED/FUNGICIDE	BU.	2	\$10.00	\$20.00	_____
SEED TREATMENT (2)	GAUCHO XT	BU.	2	\$6.00	\$12.00	_____
FERTILIZER	N (AN)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	40	\$0.32	\$12.80	_____
	K2O	LB.	20	\$0.22	\$4.40	_____
LIME	LIME APPLICATION	TON	0.5	\$23.00	\$11.50	_____
HERBICIDE	HARMONY EXTRA	OZ.	0.5	\$12.50	\$6.25	_____
	SURFACTANT (80% Act.)	PT.	0.1	\$1.75	\$0.18	_____
FUNGICIDE	TILT	OZ.	4	\$2.61	\$10.44	_____
MACHINERY REPAIR		AC.	1	\$15.49	\$15.49	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$14.41	\$14.41	_____
OPERATING CAPITAL	8 MONTHS	AC.	\$141.07	8.00%	\$7.52	_____
TOTAL VARIABLE EXPENSES					\$148.59	_____
RETURN ABOVE VARIABLE EXPENSES					\$65.91	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$24.54	\$24.54	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$12.74	\$12.74	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$28.63	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.84	\$8.50	\$7.16	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$21.46	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) IF A MARKET FOR STRAW IS AVAILABLE, ADD AN APPROPRIATE AMOUNT TO RETURN TO LAND, MANAGEMENT, AND RISK, BASED ON THE EXPECTED YIELD AND PRICE OF THE STRAW, LESS HARVEST AND MARKETING COSTS.
- (2) ADDITIONAL SEED TREATMENT IS TO PROTECT AGAINST BARLEY YELLOW DWARF VIRUS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT  
ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST



**WHEAT - ROUNDUP READY SOYBEANS, NO-TILLAGE**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
<b>REVENUE</b>						
WHEAT	GRAIN	BU.	55	\$3.90	\$214.50	_____
SOYBEANS	BEANS	BU.	30	\$6.55	\$196.50	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30	-\$0.033	-\$0.98	_____
TOTAL REVENUE					\$410.02	_____
<b>VARIABLE EXPENSES (1)</b>						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.5	\$10.00	\$15.00	_____
SEED TREATMENT (2)	GAUCHO XT	BU.	1.5	\$6.00	\$9.00	_____
SEED, SOYBEANS (3)	SOYBEANS	LB.	50	\$0.62	\$31.00	_____
SEED TREATMENT	APRONMAXX	BU.	0.83	\$3.60	\$2.99	_____
FERTILIZER	N (AN)	LB.	80	\$0.42	\$33.60	_____
	P2O5	LB.	60	\$0.32	\$19.20	_____
	K2O	LB.	60	\$0.22	\$13.20	_____
LIME	2 TONS EVERY 4 YEARS	TON	0.5	\$23.00	\$11.50	_____
FUNGICIDE - SOYBEANS		AC.	1	\$10.50	\$10.50	_____
INSECTICIDE - SOYBEANS		AC.	1	\$5.00	\$5.00	_____
WEED CONTROL (4)						_____
POST-EMERGE	ROUNDUP ORIGINAL MAX	PT.	1.6	\$2.84	\$4.54	_____
HERBICIDE-WHEAT	HARMONY EXTRA	OZ.	0.5	\$12.50	\$6.25	_____
	SURFACTANT (80% Act.)	PT.	0.1	\$1.75	\$0.18	_____
FUNGICIDE-WHEAT	TILT	OZ.	4	\$2.61	\$10.44	_____
MACHINERY REPAIR		AC.	1	\$24.38	\$24.38	_____
MACHINERY FUEL	DIESEL @ \$2.10/GALLON	AC.	1	\$20.92	\$20.92	_____
OPERATING CAPITAL	8 MONTHS	AC.	\$217.69	8.00%	\$11.61	_____
TOTAL VARIABLE EXPENSES					\$229.30	_____
RETURN ABOVE VARIABLE EXPENSES					\$180.71	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1	\$40.81	\$40.81	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$20.06	\$20.06	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$119.84	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.27	\$8.50	\$10.82	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$109.02	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

**FOOTNOTES**

- (1) SPRAYING FOR STINKBUGS MAY ADD \$2.50/ACRE PER SPRAYING PLUS APPLICATION EXPENSES.
- (2) ADDITIONAL SEED TREATMENT IS TO PROTECT AGAINST BARLEY YELLOW DWARF VIRUS.
- (3) SEED PRICE INCLUDES TECHNOLOGY FEE.
- (4) SEVERAL OTHER VERSIONS OF GLYPHOSATE, THE ACTIVE INGREDIENT IN ROUNDUP ULTRAMAX ARE AVAILABLE. CHECK LABEL FOR CONCENTRATION, RATES, AND REGISTRATION ON ROUNDUP READY SOYBEANS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT  
ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

# BURLEY TOBACCO BUDGET



## 2007 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

7,000 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (Qty/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	YOUR FARM
<b>GROSS REVENUE</b>						
Tobacco Sales	Burley Tobacco	lb	2100	\$1.64	\$3,444.00	_____
<b>VARIABLE COSTS</b>						
Transplants	Purchased	1000	7	\$36.00	\$252.00	_____
Fertilization	Lime	ton	1	\$20.00	\$20.00	_____
	Blended Fertilizer, 9-18-27	lb	900	\$0.17	\$153.00	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.16	\$48.00	_____
Herbicide	Spartan 4F	oz	10.1	\$3.20	\$32.32	_____
	Command 3ME	pint	2	\$12.95	\$25.90	_____
Insecticide	Orthene 97G, 3 Applications	lb	4.5	\$13.00	\$58.50	_____
	Admire Pro	oz	7	\$7.88	\$55.16	_____
Fungicide	Ridomil Gold ( 1 pint rate)	pint	1	\$98.50	\$98.50	_____
	Actigard 50WG	appl.	2	\$29.00	\$58.00	_____
Sucker Control	MH-30	gal	1.5	\$12.00	\$18.00	_____
	Prime plus	gal	0.5	\$68.00	\$34.00	_____
Cover crop	Wheat	bu	2	\$8.00	\$16.00	_____
Hired Labor	Pre-Harvest, transplant to stick drop	hr	17.5	\$8.50	\$148.75	_____
	Harvest, cutting	sticks	1167	\$0.26	\$303.33	_____
	Harvest, loading and hanging	sticks	1167	\$0.14	\$163.33	_____
	Post Harvest, market preparation	hr	60.8	\$8.50	\$516.80	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$60.00	\$60.00	_____
Supplies	Bale Twine or Wire	ac	1	\$10.00	\$10.00	_____
Crop Insurance		lb	2100	\$0.05	\$105.00	_____
Interest	Variable Costs, 6 months	\$	\$2,071.60	8.00%	\$82.86	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$2,259.46</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$1,184.54</b>	_____
<b>FIXED COSTS</b>						
Machinery	Depreciation, Insurance, Storage	ac	1	\$43.00	\$43.00	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$185.00	\$185.00	_____
Tobacco Sticks	Depreciation at 8 years	ac	1	\$20.00	\$20.00	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	_____
<b>TOTAL FIXED COSTS</b>					<b>\$443.00</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$741.54</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$125.00	\$125.00	_____
<b>RETURN TO OPERATORS LABOR AND MANAGEMENT</b>					<b>\$616.54</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	65.4	\$8.50	\$555.90	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$60.64</b>	_____

Revised Janury 2007 - Alan B. Galloway, Area Farm Management Specialist

Use of trade or brand names is for clarity and information; it does not imply approval of the product to the exclusion of others which may be of similar, suitable composition, nor does it guarantee or warrant the standard of the product. Chemicals recommended were registered for the prescribed uses. Chemical registrations are continuously being reviewed. Should registration of a recommended chemical be canceled, it will no longer be recommended by The University of Tennessee. In order to protect people and the environment, chemicals should be used safely. This is everyone's responsibility. Read and follow label directions carefully before you buy, mix, apply, store or dispose of a chemical. According to laws regulating chemicals, they must be used only as directed by the label. Adjust the estimates as appropriate. This budget is intended as a guide only. Adjustments can and should be made as needed.

<b>TABLE 1. PER ACRE RETURN OVER VARIABLE COSTS AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	\$191	\$366	\$541	\$716	\$891
2000	\$541	\$741	\$941	\$1,141	\$1,341
2250	\$891	\$1,116	\$1,341	\$1,566	\$1,791
2500	\$1,241	\$1,491	\$1,741	\$1,991	\$2,241
2750	\$1,591	\$1,866	\$2,141	\$2,416	\$2,691
3000	\$1,941	\$2,241	\$2,541	\$2,841	\$3,141

<b>TABLE 2. PER ACRE RETURN OVER VARIABLE AND FIXED COSTS AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	-\$252	-\$77	\$98	\$273	\$448
2000	\$98	\$298	\$498	\$698	\$898
2250	\$448	\$673	\$898	\$1,123	\$1,348
2500	\$798	\$1,048	\$1,298	\$1,548	\$1,798
2750	\$1,148	\$1,423	\$1,698	\$1,973	\$2,248
3000	\$1,498	\$1,798	\$2,098	\$2,398	\$2,698

<b>TABLE 3. PER ACRE RETURN TO MANAGEMENT AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	-\$933	-\$758	-\$583	-\$408	-\$233
2000	-\$583	-\$383	-\$183	\$17	\$217
2250	-\$233	-\$8	\$217	\$442	\$667
2500	\$117	\$367	\$617	\$867	\$1,117
2750	\$467	\$742	\$1,017	\$1,292	\$1,567
3000	\$817	\$1,117	\$1,417	\$1,717	\$2,017

<b>TABLE 4. PER POUND RETURN OVER VARIABLE COSTS AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	\$0.11	\$0.21	\$0.31	\$0.41	\$0.51
2000	\$0.27	\$0.37	\$0.47	\$0.57	\$0.67
2250	\$0.40	\$0.50	\$0.60	\$0.70	\$0.80
2500	\$0.50	\$0.60	\$0.70	\$0.80	\$0.90
2750	\$0.58	\$0.68	\$0.78	\$0.88	\$0.98
3000	\$0.65	\$0.75	\$0.85	\$0.95	\$1.05

<b>TABLE 5. PER POUND RETURN TO MANAGEMENT AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	-\$0.53	-\$0.43	-\$0.33	-\$0.23	-\$0.13
2000	-\$0.29	-\$0.19	-\$0.09	\$0.01	\$0.11
2250	-\$0.10	\$0.00	\$0.10	\$0.20	\$0.30
2500	\$0.05	\$0.15	\$0.25	\$0.35	\$0.45
2750	\$0.17	\$0.27	\$0.37	\$0.47	\$0.57
3000	\$0.27	\$0.37	\$0.47	\$0.57	\$0.67

# BURLEY TOBACCO BUDGET



## 2007 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

7,000 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (Qty/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
<b>GROSS REVENUE</b>							
Tobacco Sales	Burley Tobacco	lb	2100	\$1.64	\$3,444.00	\$1.64	_____
<b>VARIABLE COSTS</b>							
Transplants	Purchased	1000	7	\$36.00	\$252.00	\$0.12	_____
Fertilization	Lime	ton	1	\$20.00	\$20.00	\$0.01	_____
	Blended Fertilizer, 9-18-27	lb	900	\$0.17	\$153.00	\$0.07	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.16	\$48.00	\$0.02	_____
Herbicide	Spartan 4F	oz	10.1	\$3.20	\$32.32	\$0.02	_____
	Command 3ME	pint	2	\$12.95	\$25.90	\$0.01	_____
Insecticide	Orthene 97G, 3 Applications	lb	4.5	\$13.00	\$58.50	\$0.03	_____
	Admire Pro	oz	7	\$7.88	\$55.16	\$0.03	_____
Fungicide	Ridomil Gold ( 1 pint rate)	pint	1	\$98.50	\$98.50	\$0.05	_____
	Actigard 50WG	appl.	2	\$29.00	\$58.00	\$0.03	_____
Sucker Control	MH-30	gal	1.5	\$12.00	\$18.00	\$0.01	_____
	Prime plus	gal	0.5	\$68.00	\$34.00	\$0.02	_____
Cover crop	Wheat	bu	2	\$8.00	\$16.00	\$0.01	_____
Hired Labor	Pre-Harvest, transplant to stick drop	hr	17.5	\$8.50	\$148.75	\$0.07	_____
	Harvest, cutting	sticks	1167	\$0.26	\$303.33	\$0.14	_____
	Harvest, loading and hanging	sticks	1167	\$0.14	\$163.33	\$0.08	_____
	Post Harvest, market preparation	hr	60.8	\$8.50	\$516.80	\$0.25	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$60.00	\$60.00	\$0.03	_____
Supplies	Bale Twine or Wire	ac	1	\$10.00	\$10.00	\$0.00	_____
Crop Insurance		lb	2100	\$0.05	\$105.00	\$0.05	_____
Interest	Variable Costs, 6 months	\$	\$2,071.60	8.00%	\$82.86	\$0.04	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$2,259.46</b>	<b>\$1.08</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$1,184.54</b>	<b>\$0.56</b>	_____
<b>FIXED COSTS</b>							
Machinery	Depreciation, Insurance, Storage	ac	1	\$43.00	\$43.00	\$0.02	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$185.00	\$185.00	\$0.09	_____
Tobacco Sticks	Depreciation at 8 years	ac	1	\$20.00	\$20.00	\$0.01	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	\$0.09	_____
<b>TOTAL FIXED COSTS</b>					<b>\$443.00</b>	<b>\$0.21</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$741.54</b>	<b>\$0.35</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$125.00	\$125.00	\$0.06	_____
<b>RETURN TO OPERATORS LABOR AND MANAGEMENT</b>					<b>\$616.54</b>	<b>\$0.29</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	65.4	\$8.50	\$555.90	\$0.26	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$60.64</b>	<b>\$0.03</b>	_____

Revised February 2007 - Alan B. Galloway, Area Farm Management Specialist

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<b>TABLE 1. PER ACRE RETURN OVER VARIABLE COSTS AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	\$191	\$366	\$541	\$716	\$891
2000	\$541	\$741	\$941	\$1,141	\$1,341
2250	\$891	\$1,116	\$1,341	\$1,566	\$1,791
2500	\$1,241	\$1,491	\$1,741	\$1,991	\$2,241
2750	\$1,591	\$1,866	\$2,141	\$2,416	\$2,691
3000	\$1,941	\$2,241	\$2,541	\$2,841	\$3,141

<b>TABLE 2. PER ACRE RETURN OVER VARIABLE AND FIXED COSTS AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	-\$252	-\$77	\$98	\$273	\$448
2000	\$98	\$298	\$498	\$698	\$898
2250	\$448	\$673	\$898	\$1,123	\$1,348
2500	\$798	\$1,048	\$1,298	\$1,548	\$1,798
2750	\$1,148	\$1,423	\$1,698	\$1,973	\$2,248
3000	\$1,498	\$1,798	\$2,098	\$2,398	\$2,698

<b>TABLE 3. PER ACRE RETURN TO MANAGEMENT AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	-\$933	-\$758	-\$583	-\$408	-\$233
2000	-\$583	-\$383	-\$183	\$17	\$217
2250	-\$233	-\$8	\$217	\$442	\$667
2500	\$117	\$367	\$617	\$867	\$1,117
2750	\$467	\$742	\$1,017	\$1,292	\$1,567
3000	\$817	\$1,117	\$1,417	\$1,717	\$2,017

<b>TABLE 4. PER POUND RETURN OVER VARIABLE COSTS AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	\$0.11	\$0.21	\$0.31	\$0.41	\$0.51
2000	\$0.27	\$0.37	\$0.47	\$0.57	\$0.67
2250	\$0.40	\$0.50	\$0.60	\$0.70	\$0.80
2500	\$0.50	\$0.60	\$0.70	\$0.80	\$0.90
2750	\$0.58	\$0.68	\$0.78	\$0.88	\$0.98
3000	\$0.65	\$0.75	\$0.85	\$0.95	\$1.05

<b>TABLE 5. PER POUND RETURN TO MANAGEMENT AT VARYING YIELDS AND PRICES</b>					
<b>Yield per Acre</b>	<b>Average Sale Price Per Pound</b>				
	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80
1750	-\$0.53	-\$0.43	-\$0.33	-\$0.23	-\$0.13
2000	-\$0.29	-\$0.19	-\$0.09	\$0.01	\$0.11
2250	-\$0.10	\$0.00	\$0.10	\$0.20	\$0.30
2500	\$0.05	\$0.15	\$0.25	\$0.35	\$0.45
2750	\$0.17	\$0.27	\$0.37	\$0.47	\$0.57
3000	\$0.27	\$0.37	\$0.47	\$0.57	\$0.67

# DARK FIRED TOBACCO BUDGET

## 2007 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,400 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (#/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
<b>GROSS REVENUE</b>							
Tobacco Sales	Dark Fired Tobacco	lb	2700	\$2.37	\$6,399.00	\$2.37	_____
<b>VARIABLE COSTS</b>							
Transplants	Purchased	1000	4.4	\$45.00	\$198.00	\$0.07	_____
Fertilization	Lime	ton	1	\$22.00	\$22.00	\$0.01	_____
	Blended Fertilizer, Triple 250	lb	1500	\$0.17	\$255.00	\$0.09	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.16	\$48.00	\$0.02	_____
Herbicide	Spartan 4F	oz	8	\$3.22	\$25.76	\$0.01	_____
	Command 3ME	pint	2	\$12.81	\$25.62	\$0.01	_____
Insecticide	Orthene 97G, 5 Applications	lb	3.75	\$10.00	\$37.50	\$0.01	_____
	Admire Pro	oz	4.4	\$8.60	\$37.84	\$0.01	_____
Fungicide	Quadris Flowable	oz	18	\$2.26	\$40.68	\$0.02	_____
	Acrobat 50WP+Dithane DF, 1 appl.	oz	4	\$1.31	\$5.24	\$0.00	_____
Sucker Control	Prime plus	gal	1	\$62.00	\$62.00	\$0.02	_____
	Sucker Plucker	gal	2.5	\$11.99	\$29.98	\$0.01	_____
Cover crop	Wheat	bu	2	\$8.50	\$17.00	\$0.01	_____
Hired Labor	Pre-Harvest, transplant to stick drop	hr	23.6	\$8.50	\$200.60	\$0.07	_____
	Harvest, cutting	hr	30	\$8.50	\$255.00	\$0.09	_____
	Harvest, loading and hanging	hr	22	\$8.50	\$187.00	\$0.07	_____
	Post Harvest, market preparation	hr	133	\$8.50	\$1,130.50	\$0.42	_____
Curing	Sawdust, Slabs	ac	1	\$200.00	\$200.00	\$0.07	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$70.00	\$70.00	\$0.03	_____
* Crop Insurance		ac	1				_____
Custom Hire	Spraying (4 times)	ac	1	\$125.00	\$125.00	\$0.05	_____
Interest	Variable Costs, 6 months	\$	\$2,972.72	9.00%	\$133.77	\$0.05	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$3,106.49</b>	<b>\$1.15</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$3,292.51</b>	<b>\$1.22</b>	_____
<b>FIXED COSTS</b>							
Machinery	Depreciation, Insurance, Storage	ac	1	\$43.00	\$43.00	\$0.02	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$350.00	\$350.00	\$0.13	_____
Tobacco Sticks	Depreciation at 8 years	ac	1	\$20.00	\$20.00	\$0.01	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	\$0.07	_____
<b>TOTAL FIXED COSTS</b>					<b>\$608.00</b>	<b>\$0.23</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$2,684.51</b>	<b>\$0.99</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.06	_____
<b>RETURN TO OPERATORS LABOR AND MANAGEMENT</b>					<b>\$2,534.51</b>	<b>\$0.94</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	87	\$8.50	\$739.50	\$0.27	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$1,795.01</b>	<b>\$0.66</b>	_____

Revised January 2007 - Jerri Lynn Sims, Area Farm Management Specialist, UT Extension

\* Insert crop insurance cost. Variable ways to insure and an average price was difficult to acquire.

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**TABLE 1. PER ACRE RETURN OVER VARIABLE COSTS  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40
1750	\$394	\$569	\$744	\$919	\$1,094
2000	\$894	\$1,094	\$1,294	\$1,494	\$1,694
2250	\$1,394	\$1,619	\$1,844	\$2,069	\$2,294
2500	\$1,894	\$2,144	\$2,394	\$2,644	\$2,894
2750	\$2,394	\$2,669	\$2,944	\$3,219	\$3,494
3000	\$2,894	\$3,194	\$3,494	\$3,794	\$4,094
3250	\$3,394	\$3,719	\$4,044	\$4,369	\$4,694
3500	\$3,894	\$4,244	\$4,594	\$4,944	\$5,294

**TABLE 2. PER ACRE RETURN TO MANAGEMENT  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40
1750	-\$1,104	-\$929	-\$754	-\$579	-\$404
2000	-\$604	-\$404	-\$204	-\$4	\$196
2250	-\$104	\$121	\$346	\$571	\$796
2500	\$396	\$646	\$896	\$1,146	\$1,396
2750	\$896	\$1,171	\$1,446	\$1,721	\$1,996
3000	\$1,396	\$1,696	\$1,996	\$2,296	\$2,596
3250	\$1,896	\$2,221	\$2,546	\$2,871	\$3,196
3500	\$2,396	\$2,746	\$3,096	\$3,446	\$3,796

**TABLE 3 PER POUND RETURN OVER VARIABLE COSTS  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40
1750	\$0.22	\$0.32	\$0.42	\$0.52	\$0.62
2000	\$0.45	\$0.55	\$0.65	\$0.75	\$0.85
2250	\$0.62	\$0.72	\$0.82	\$0.92	\$1.02
2500	\$0.76	\$0.86	\$0.96	\$1.06	\$1.16
2750	\$0.87	\$0.97	\$1.07	\$1.17	\$1.27
3000	\$0.96	\$1.06	\$1.16	\$1.26	\$1.36
3250	\$1.04	\$1.14	\$1.24	\$1.34	\$1.44
3500	\$1.11	\$1.21	\$1.31	\$1.41	\$1.51

**TABLE 4 PER POUND RETURN TO MANAGEMENT  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40
1750	-\$0.63	-\$0.53	-\$0.43	-\$0.33	-\$0.23
2000	-\$0.30	-\$0.20	-\$0.10	\$0.00	\$0.10
2250	-\$0.05	\$0.05	\$0.15	\$0.25	\$0.35
2500	\$0.16	\$0.26	\$0.36	\$0.46	\$0.56
2750	\$0.33	\$0.43	\$0.53	\$0.63	\$0.73
3000	\$0.47	\$0.57	\$0.67	\$0.77	\$0.87
3250	\$0.58	\$0.68	\$0.78	\$0.88	\$0.98
3500	\$0.68	\$0.78	\$0.88	\$0.98	\$1.08

# DARK AIR CURED TOBACCO BUDGET

## 2007 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,400 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (#/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
<b>GROSS REVENUE</b>							
Tobacco Sales	Dark Air Cured Tobacco	lb	2600	\$2.14	\$5,564.00	\$2.14	_____
<b>VARIABLE COSTS</b>							
Transplants	Purchased	1000	4.4	\$45.00	\$198.00	\$0.08	_____
Fertilization	Lime	ton	1	\$22.00	\$22.00	\$0.01	_____
	Blended Fertilizer, Triple 250	lb	1500	\$0.17	\$259.50	\$0.10	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.16	\$48.00	\$0.02	_____
Herbicide	Spartan 4F	oz	8	\$3.22	\$25.76	\$0.01	_____
	Command 3ME	pint	2	\$12.81	\$25.62	\$0.01	_____
Insecticide	Orthene 97G, 5 Applications	lb	3.75	\$10.00	\$37.50	\$0.01	_____
	Admire Pro	oz	4.4	\$8.60	\$37.84	\$0.01	_____
Fungicide	Quadriflowable, 2 Applications	oz	18	\$2.26	\$40.68	\$0.02	_____
	Acrobat 50WP+Dithane DF, 1 Appl	oz	4	\$1.31	\$5.24	\$0.00	_____
Sucker Control	Prime plus	gal	1	\$62.00	\$62.00	\$0.02	_____
	Sucker Plucker	gal	2.5	\$11.99	\$29.98	\$0.01	_____
Cover crop	Wheat	bu	2	\$8.50	\$17.00	\$0.01	_____
Hired Labor	Pre-Harvest, transplant to stick drop	hr	23.6	\$8.50	\$200.60	\$0.08	_____
	Harvest, cutting	hr	30	\$8.50	\$255.00	\$0.10	_____
	Harvest, loading and hanging	hr	22	\$8.50	\$187.00	\$0.07	_____
	Post Harvest, market preparation	hr	133	\$8.50	\$1,130.50	\$0.43	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$70.00	\$70.00	\$0.03	_____
* Crop Insurance		ac					_____
Custom Hire	Spraying (4 times)	ac	1	\$125.00	\$125.00	\$0.05	_____
Interest	Variable Costs, 6 months	\$	\$2,777.22	9.00%	\$124.97	\$0.05	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$2,902.19</b>	<b>\$1.12</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$2,661.81</b>	<b>\$1.02</b>	_____
<b>FIXED COSTS</b>							
Machinery	Depreciation, Insurance, Storage	ac	1	\$43.00	\$43.00	\$0.02	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$185.00	\$185.00	\$0.07	_____
Tobacco Sticks	Depreciation at 8 years	ac	1	\$20.00	\$20.00	\$0.01	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	\$0.08	_____
<b>TOTAL FIXED COSTS</b>					<b>\$443.00</b>	<b>\$0.17</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$2,218.81</b>	<b>\$0.85</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.06	_____
<b>RETURN TO OPERATORS LABOR AND MANAGEMENT</b>					<b>\$2,068.81</b>	<b>\$0.80</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	87	\$8.50	\$739.50	\$0.28	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$1,329.31</b>	<b>\$0.51</b>	_____

Revised January 2007 - Jerri Lynn Sims, Area Farm Management Specialist, UT Extension

\* Insert crop insurance cost. Variable ways to insure and an average price was difficult to aquire.

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**TABLE 1. PER ACRE RETURN OVER VARIABLE COSTS  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20
1750	\$248	\$423	\$598	\$773	\$948
2000	\$698	\$898	\$1,098	\$1,298	\$1,498
2250	\$1,148	\$1,373	\$1,598	\$1,823	\$2,048
2500	\$1,598	\$1,848	\$2,098	\$2,348	\$2,598
2750	\$2,048	\$2,323	\$2,598	\$2,873	\$3,148
3000	\$2,498	\$2,798	\$3,098	\$3,398	\$3,698
3250	\$2,948	\$3,273	\$3,598	\$3,923	\$4,248
3500	\$3,398	\$3,748	\$4,098	\$4,448	\$4,798

**TABLE 2. PER ACRE RETURN TO MANAGEMENT  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20
1750	-\$1,085	-\$910	-\$735	-\$560	-\$385
2000	-\$635	-\$435	-\$235	-\$35	\$165
2250	-\$185	\$40	\$265	\$490	\$715
2500	\$265	\$515	\$765	\$1,015	\$1,265
2750	\$715	\$990	\$1,265	\$1,540	\$1,815
3000	\$1,165	\$1,465	\$1,765	\$2,065	\$2,365
3250	\$1,615	\$1,940	\$2,265	\$2,590	\$2,915
3500	\$2,065	\$2,415	\$2,765	\$3,115	\$3,465

**TABLE 3 PER POUND RETURN OVER VARIABLE COSTS  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20
1750	\$0.14	\$0.24	\$0.34	\$0.44	\$0.54
2000	\$0.35	\$0.45	\$0.55	\$0.65	\$0.75
2250	\$0.51	\$0.61	\$0.71	\$0.81	\$0.91
2500	\$0.64	\$0.74	\$0.84	\$0.94	\$1.04
2750	\$0.74	\$0.84	\$0.94	\$1.04	\$1.14
3000	\$0.83	\$0.93	\$1.03	\$1.13	\$1.23
3250	\$0.91	\$1.01	\$1.11	\$1.21	\$1.31
3500	\$0.97	\$1.07	\$1.17	\$1.27	\$1.37

**TABLE 4 PER POUND RETURN TO MANAGEMENT  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20
1750	-\$0.62	-\$0.52	-\$0.42	-\$0.32	-\$0.22
2000	-\$0.32	-\$0.22	-\$0.12	-\$0.02	\$0.08
2250	-\$0.08	\$0.02	\$0.12	\$0.22	\$0.32
2500	\$0.11	\$0.21	\$0.31	\$0.41	\$0.51
2750	\$0.26	\$0.36	\$0.46	\$0.56	\$0.66
3000	\$0.39	\$0.49	\$0.59	\$0.69	\$0.79
3250	\$0.50	\$0.60	\$0.70	\$0.80	\$0.90
3500	\$0.59	\$0.69	\$0.79	\$0.89	\$0.99

# DARK FIRED WRAPPER TOBACCO BUDGET

## 2007 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,400 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (#/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
<b>GROSS REVENUE</b>							
Tobacco Sales	Dark Fired Wrapper Tobacco	lb	2400	\$2.97	\$7,128.00	\$2.97	_____
<b>VARIABLE COSTS</b>							
Transplants	Purchased	1000	4.4	\$45.00	\$198.00	\$0.08	_____
Fertilization	Lime	ton	1	\$22.00	\$22.00	\$0.01	_____
	Blended Fertilizer, Triple 250	lb	1500	\$0.17	\$259.50	\$0.11	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.16	\$48.00	\$0.02	_____
Herbicide	Spartan 4F	oz	8	\$3.22	\$25.76	\$0.01	_____
	Command 3ME	pint	2	\$12.81	\$25.62	\$0.01	_____
Insecticide	Orthene 97G, 5 Applications	lb	3.75	\$10.00	\$37.50	\$0.02	_____
	Admire Pro	oz	4.4	\$8.60	\$37.84	\$0.02	_____
Fungicide	Quadris Flowable, 2 Applications	oz	18	\$2.26	\$40.68	\$0.02	_____
	Acrobat 50WP+Dithane DF, 1 Appl	oz	4	\$1.31	\$5.24	\$0.00	_____
Sucker Control	Prime plus	gal	1	\$62.00	\$62.00	\$0.03	_____
	Sucker Plucker	gal	2.5	\$11.99	\$29.98	\$0.01	_____
Cover crop	Wheat	bu	2	\$8.50	\$17.00	\$0.01	_____
Hired Labor	Pre-Harvest, transplant to stick drop	hr	23.6	\$8.50	\$200.60	\$0.08	_____
	Harvest, cutting	hr	35	\$8.50	\$297.50	\$0.12	_____
	Harvest, loading and hanging	hr	28	\$8.50	\$238.00	\$0.10	_____
	Post Harvest, market preparation	hr	180	\$8.50	\$1,530.00	\$0.64	_____
Curing	Sawdust, Slabs	ac	1	\$200.00	\$200.00	\$0.08	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$70.00	\$70.00	\$0.03	_____
* Crop Insurance		ac	1				_____
Custom Hire	Spraying (4 times)	ac	1	\$125.00	\$125.00	\$0.05	_____
Interest	Variable Costs, 6 months	\$	\$3,470.22	9.00%	\$156.16	\$0.07	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$3,626.37</b>	<b>\$1.51</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$3,501.63</b>	<b>\$1.46</b>	_____
<b>FIXED COSTS</b>							
Machinery	Depreciation, Insurance, Storage	ac	1	\$43.00	\$43.00	\$0.02	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$350.00	\$350.00	\$0.15	_____
Tobacco Sticks	Depreciation at 8 years	ac	1	\$20.00	\$20.00	\$0.01	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	\$0.08	_____
<b>TOTAL FIXED COSTS</b>					<b>\$608.00</b>	<b>\$0.25</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$2,893.63</b>	<b>\$1.21</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.06	_____
<b>RETURN TO OPERATORS LABOR AND MANAGEMENT</b>					<b>\$2,743.63</b>	<b>\$1.14</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	117	\$8.50	\$994.50	\$0.41	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$1,749.13</b>	<b>\$0.73</b>	_____

Revised January 2007 - Jerri Lynn Sims, Area Farm Management Specialist, UT Extension

\* Insert crop insurance cost. Variable ways to insure and an average price was difficult to aquire.

Use of trade or brand names is for clarity and information; it does not imply approval of the product to the exclusion of others which may be of similar, suitable composition, nor does it guarantee or warrant the standard of the product. Chemicals recommended were registered for the prescribed uses. Chemical registrations are continuously being reviewed. Should registration of a recommended chemical be canceled, it will no longer be recommended by The University of Tennessee. In order to protect people and the environment, chemicals should be used safely. This is everyone's responsibility. Read and follow label directions carefully before you buy, mix, apply, store or dispose of a chemical. According to laws regulating chemicals, they must be used only as directed by the label. Adjust the estimates as appropriate. This budget is intended as a guide only. Adjustments can be and should be made when needed.

**TABLE 1. PER ACRE RETURN OVER VARIABLE COSTS  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00
1750	\$924	\$1,099	\$1,274	\$1,449	\$1,624
2000	\$1,574	\$1,774	\$1,974	\$2,174	\$2,374
2250	\$2,224	\$2,449	\$2,674	\$2,899	\$3,124
2500	\$2,874	\$3,124	\$3,374	\$3,624	\$3,874
2750	\$3,524	\$3,799	\$4,074	\$4,349	\$4,624
3000	\$4,174	\$4,474	\$4,774	\$5,074	\$5,374
3250	\$4,824	\$5,149	\$5,474	\$5,799	\$6,124
3500	\$5,474	\$5,824	\$6,174	\$6,524	\$6,874

**TABLE 2. PER ACRE RETURN TO MANAGEMENT  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00
1750	-\$829	-\$654	-\$479	-\$304	-\$129
2000	-\$179	\$21	\$221	\$421	\$621
2250	\$471	\$696	\$921	\$1,146	\$1,371
2500	\$1,121	\$1,371	\$1,621	\$1,871	\$2,121
2750	\$1,771	\$2,046	\$2,321	\$2,596	\$2,871
3000	\$2,421	\$2,721	\$3,021	\$3,321	\$3,621
3250	\$3,071	\$3,396	\$3,721	\$4,046	\$4,371
3500	\$3,721	\$4,071	\$4,421	\$4,771	\$5,121

**TABLE 3 PER POUND RETURN OVER VARIABLE COSTS  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00
1750	\$0.53	\$0.63	\$0.73	\$0.83	\$0.93
2000	\$0.79	\$0.89	\$0.99	\$1.09	\$1.19
2250	\$0.99	\$1.09	\$1.19	\$1.29	\$1.39
2500	\$1.15	\$1.25	\$1.35	\$1.45	\$1.55
2750	\$1.28	\$1.38	\$1.48	\$1.58	\$1.68
3000	\$1.39	\$1.49	\$1.59	\$1.69	\$1.79
3250	\$1.48	\$1.58	\$1.68	\$1.78	\$1.88
3500	\$1.56	\$1.66	\$1.76	\$1.86	\$1.96

**TABLE 4 PER POUND RETURN TO MANAGEMENT  
AT VARYING YIELDS AND PRICES**

Yield per Acre	Average Sale Price Per Pound				
	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00
1750	-\$0.47	-\$0.37	-\$0.27	-\$0.17	-\$0.07
2000	-\$0.09	\$0.01	\$0.11	\$0.21	\$0.31
2250	\$0.21	\$0.31	\$0.41	\$0.51	\$0.61
2500	\$0.45	\$0.55	\$0.65	\$0.75	\$0.85
2750	\$0.64	\$0.74	\$0.84	\$0.94	\$1.04
3000	\$0.81	\$0.91	\$1.01	\$1.11	\$1.21
3250	\$0.94	\$1.04	\$1.14	\$1.24	\$1.34
3500	\$1.06	\$1.16	\$1.26	\$1.36	\$1.46